

PROCESSING HOME TEXTILES



Impulsa®

MADE IN GERMANY

 Pre-Shrinking Installation Page 4	 Inspection - MIDICUT Page 5	 MOTOCUT Page 8	 Cutter feeding devices Page 11	 LASERCUT Page 13
 MULTICUT Page 14-15	 Cutting table/Pull-off dispenser/Endcutter Page 16	 Chainstitch Page 21	 Lockstitch speed sewing Page 26	 WERKMEISTER NA9020 Page 28
 Lockstitch speed hemmer Page 30	 Sewing tools Page 32	 2 Needle Tape Sewing Page 37	 Quick sewer Page 39	 Short & Longarm up to 1000 mm Page 41
 Blindstitch Page 42	 Sewing of "Swiss Guides" Page 44	 Ring Sewing Page 45	 Sewing of hooks Page 46	 Chainstitch pleating and sewing machine Page 48
 Lockstitch pleating and sewing Page 49	 Place folds and sew Page 50	 Chairs and Lighting/ Tables Page 52	 Auffangwanne Dimensionen Page 54	

 SYNCHROMATIC ECO Page 60	 SYNCHROMATIC Blindstitch Page 62	 SAM SEAM AUTOMATIC MOTION SAM Seam Automatic Motion Page 77	 Sewing automation Page 83	 SYNCHROMATIC QFM Page 86
 Synchromatic PLUS ATAS Page 90	 Ironing Page 97 / 107	 STUDIO LINE Page 98	 COMBI LINE / PLUS Page 100	 MOTOMAT Page 106
 Steamers Page 108	 Measuring and Trimming Machines Page 116	 DECOTIP/DECOEXACT Page 123	 DECOTRONIC Page 119 DECOTOUCH/DECOMATIC Page 125	 DECOCUT Page 132
 Eyelets/ Handcraft tools Page 134	 Punching and stamping Page 137	 Automatic Feed of Eyelets Page 140	 Steamers Page 142	 Backstich Classic Page 147
 Lockstitch ECO/Classic/High End Page 146	 Lockstitch 3-fold feed Longarm Page 148	 Triple Feed Page 152	 Sewing feet Page 154	 WERKMEISTER sewing station Pagina 155



Measure from roll to roll and product control



For cuts - unrolling basket at the back - collection trough at the front

Pre-shrinking installation – for all fabrics before confection

An ideal machine to shrink fabrics, single components or also rolled goods. 2 transport rolls and a steam permeable conveyor band provide an optimal steam process, blank holder and drying through behind blower device. Adjustable speed – so it's adjustable for every fabric: Please supply 400 V RC and to a steam generator 5 bar – 165°C saturation temperature – 20/30 kg steam/h. (see steam generator on pg. 108) 12-24kW. dimensions: steam panel plus 30x100x110cm

Art. No.:	Equipment
30.016 DBSC	Shrinking installation, width of steaming surface: 160 cm, required space: 190x120 cm, adjustable speed
30.026 DBSC	Shrinking installation, width of steaming surface: 330 cm, required space: 360x120 cm, adjustable speed
30.026 BD	Iron space motomat with lower steaming in front of the steam and blower device



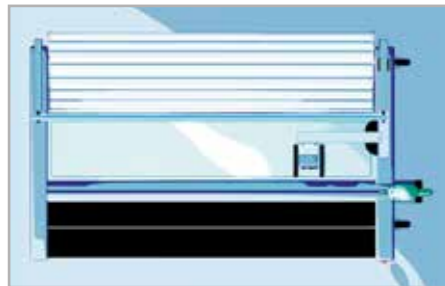
MIDICUT – for error checking, for dimensional checking, for cutting...

- Basic version with mechanical measuring device.
- Large illuminated error display.
- Tissue roll will be applied in the back, easy unrolling on cardboard-roll in the front.
- Synchronized material feed rollers.
- Mobil - Machine frame on rollers.
- With cutter sharpening device.
- Manual cutting device.
- 230 V AC.
- Light barrier for transportation.
- Different sizes for all fabric widths available!

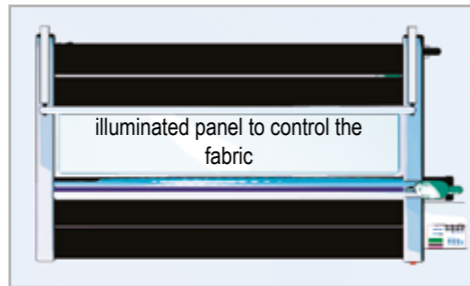


Special Equipment - Supplies:

- Electrically operated round cutter.
- 4 roller feed, synchronized, instead of a pull-off dispenser in the back.
- Laser beam for accurate setting of the cutting line.
- Electronic measuring device instead of manual measuring wheel.
- Printer port.
- Barcode reading function.



basic equipment
pull-off dispenser + 2 barrel impulse



optional equipment
synchronized 4 barrel impulse



with electric measuring device via
touch screen TFT-Display

Check -
measuring and
also cropping



Art. No.:	Equipment
	For fabric widths 200/320 cm, manual deposit station, pull-off dispenser in the back, 2 front rolls, product board. 8-angle-blade with manual pulling rod, mechanic counter with display
3.520.200	MIDICUT 200 for panel widths 200 cm
3.520.330	MIDICUT 330 for panel widths 330 cm with Display
3.520.3	without Control Field - without Display
3.520.2	without Control Field - without Display
3.520.200E	MIDICUT 200E dito, with electric Decotronic measuring device for panel widths 200 cm
3.520.330E	MIDICUT 330E dito, with DECOTOUCH measuring device for panel widths 330 cm
	Additional Equipment
3.520.LS	Sensor light barrier below for transportation - instead of a loose pedal
3.520.4	4-barrel-quattro-system, dancing unwinding system on request
3.500.5	Laser Detector above the cutting line - displays the cutting line and allows corrections before cutting
3.500.TC	Touch Screen + PC Technology statt Decotronic Technologie
388.425.MS	Microsoft - Licence Windows 10 or Linux.



MOTOCUT

For technical fabrics, bed-linen, curtains, home textiles - and more

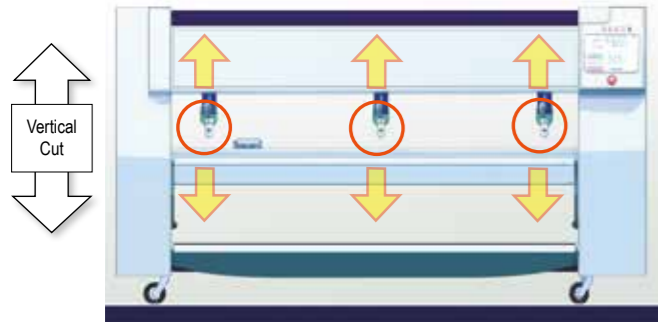
- Fabric control.
- Horizontal slicing machine.
- Adjustable vertical slicing machine.
- 2 dimensional cutting in a small amount of space – minimal space requirements.

Process:

Input on (1) Touch Screen TFT - monitor is very easy to handle - electronic length measurement. Horizontal blade (2) 200 mm, left and right cutting automatically, pneumatic clamping bar (3) makes sure that the cut is exact. Cloth pouch (4) transport roller beneath and carrier barrel above. Soft start - high speed - soft stop.

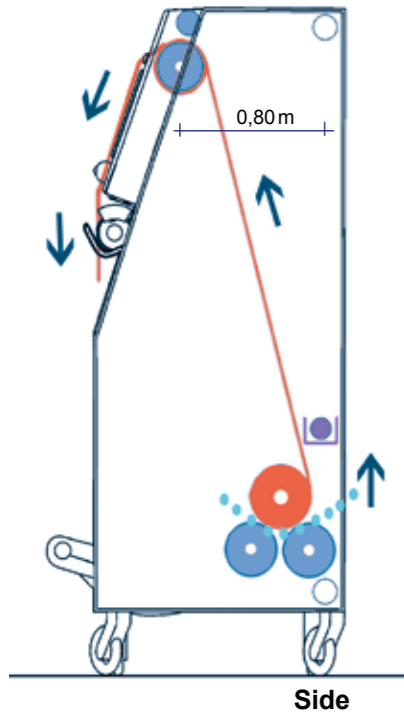
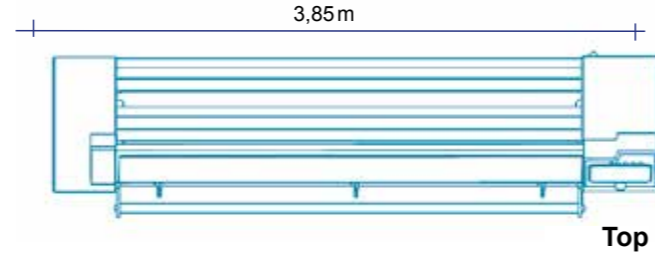
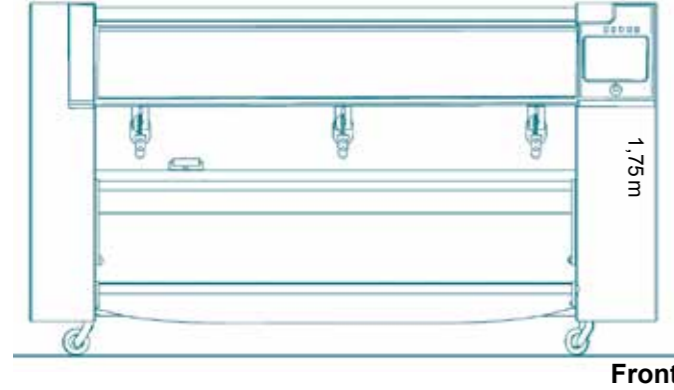
Available if requested:

- (A) Vertical slicing machine 1-12 articles.
- (B) Synchronously to (5) the transport roller driven un-wind barrel or pull-off dispenser with additional unwinding bar.
- (C) ULTRASONIC - cutting unit in X-direction.
- (D) Optional circular knife/Ultrasonic.



MOTOCUT – the fastest 2D cutting machine





Art. No.:	Equipment
3.500.3400	Motor-driven unwind-cloth-inspection-cutting machine, movable, able to cut in 2 different directions at the same time on wheels cutting width 320 cm with unwind bar for tissue roll ● 230V AC, required space: W 385, D 80, H 175 cm
3.500	dito cutting width 200 cm
	Additional Equipment:
3.500.1	1. vertical cutting machine
3.500.2	additional vertical cutting machine
3.500.CHECK	Service-connect via Internet
3.500.4	Stacking tables for consumables
388.695.1995	Pull-off dispenser 2 m
388.695.3395	Pull-off dispenser 3,2 m ●
3.500.83200	Synchronized motordriven pull-off device ●
3.500.5	Laser projection of the cutting line ●
61.304.2	Spare blades for the horizontal cutting machine, backup blades
61.303.22	Spare blades for the vertical cutting machine, ø 100 mm
388.425 MS	Microsoft - License
61.306.500US	Ultrasonic cutting line in x-direction

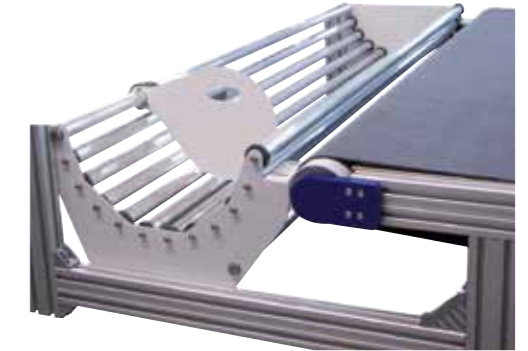
Bar on ball bearing seat left and right

Art. No.:	Equipment
388.620	Up to 2 m
388.611.30	Up to 3 m



Pull-off dispenser, one side open with adjustable plate

Art. No.:	Equipment
388.623.20	Up to 2 m
388.623.30	Up to 3 m



Dancing rollers for fabric rolls

Art. No.:	Equipment
388.622.20	Up to 30 cm bore and 2 m width, cpl. with edge control
388.622.30	dito up 3 m

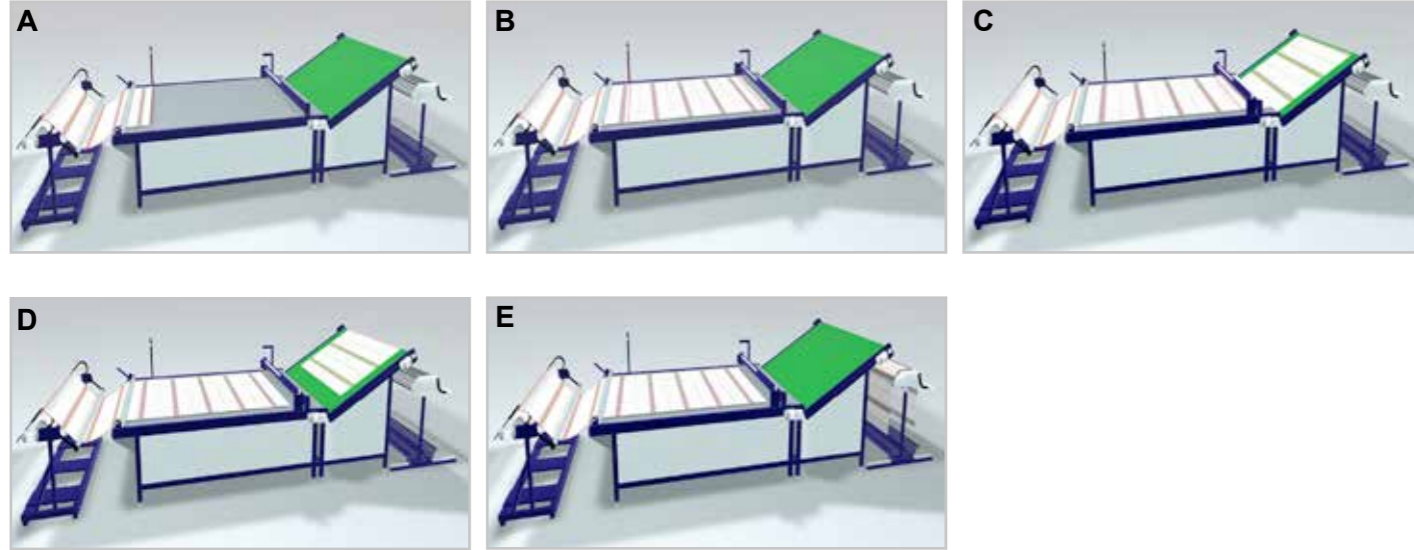


Dancing rollers for heavy fabric rolls

Art. No.:	Equipment
388.625.20	Up to 60 cm bore and 2 m width, cpl. with edge control
388.625.30	up to 3 m



TASKS OF THE CONCUT :



- A Adjustment of the fabric with the first laser line
- B Transportation of the fabric to the second laser line to determine the pattern, which means this cut should always take place at this line (or at this pattern).
- C The length of the curtain is programmed – for example 2500 mm. The machine moves up to 2500 mm and cuts off the fabric.
- D Now with a manual button – you can move the conveyor and look for the pattern and transport it to the cutting line until it's on the position of the laser line – if you press a button on the touch screen it will cut out the piece.
- E The cut cloth moves up on the conveyer and stacks on top of the trolley. Belt A moves on to 2500 mm and cuts off the next curtain, this can be repeated in any order.

Uni-wares without patterns are running on fully automatic mode after the submission of length and quantity.

Cutting perfectly with Laser:

- Smooth, clean edges
- High cutting speed
- Top precision – diagonal 1 mm!
- Low consequential or maintenance costs
- Available in sizes up to 5 m and more
- Conveyor belt execution or
- Fixed table combined with knife or milling device.



Just ask for more informations.

Cutting machine with ultrasonic and /or driven blade

The ultrasonic machine is either available as only ultrasonic or cutting as a blade machine or as a twin version with 2 cutting systems.

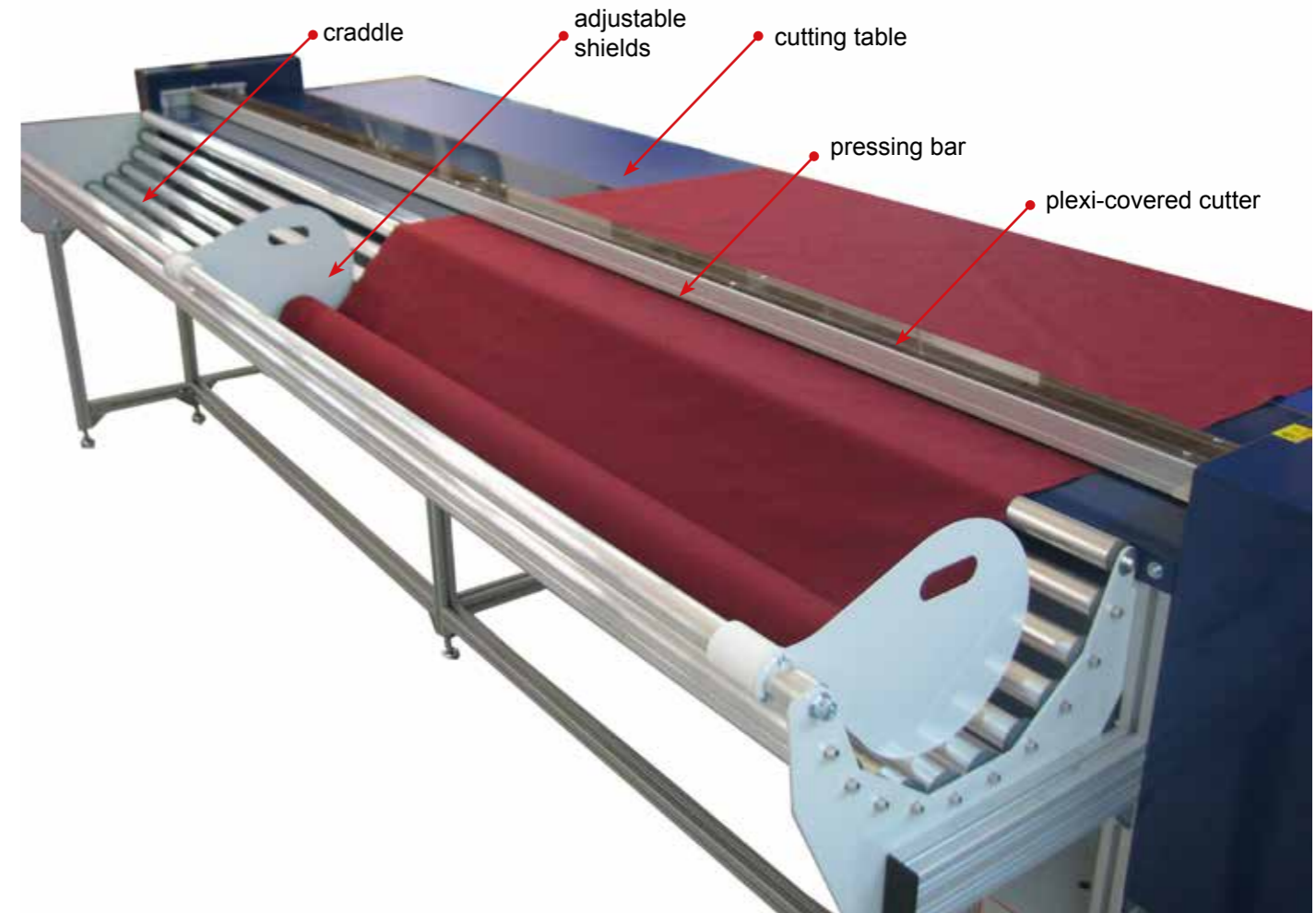
On one side - we do have a cradle as shown - the material may be pulled manually on the table - the cutter runs from below and gives a perfect result - especially by assistance of the save clamping-bar.

On the ultrasonic version - the clamping bar covered by plexiglas is standard and works air-operated right and left of the cutting line - the cutting speed can be adjusted according the material.

Softstart is also standard, because very helpful on special textiles as well as the quick return - this saves time.

This module fits to any existing table –

You may order a new table as well – just tell us the size.



Art. No.:	Equipment
3.530.3	Ultrasonic cutting 300/320 cm with cradle, airoperated clampbeam, motorised driven Ultrasonic cutting head, 230 V AC
3.530.3 RM	Linear cutting system: with roundknife - incl. cutter and special holder - 3 m.
3.530.3TWIN	dito with add. roundbladecutter motorised driven, alternativ to the ultrasonic system to use - 2 machines in one!
6.M.FC CC310	Cuttingsystem: Crush-Cut - 310 cm other lengths available
3.530.5	dito in 500/520 cm
3.530.5TWIN	dito in 500/520 cm Ultrasonic + roundknife
3.500.5	Laserline shows the cutting line
6M.FCRFE	Sensor for aut. return
6M.FC	Extension of the guidance each 10 cm
601.300	Cutting table, stable frame, height 90 cm, multilayer board, available in all lenghts and widths, each sqm.
3.533.DL	Air operated pressing bar



Endcutter

Equipped with a cable towing device as standard, so the cable runs in a drag chain below the cutting device. All made in anodized matt aluminum or RAL 9006 coated. This endcutter has no annoying cable floating device above the workplace and cuts all textile materials and synthetic fibers from 80g / sqm to 800g / sqm. With the built-in grinder you sharpen the knife yourself - the large diameter of 100 mm ensures extremely low grinding cycles. Fits existing trimming tables or our adjoining. Please sketch table height above, thickness of table top and table overhang (preferably 20 cm) when ordering. The 2m machine has a max. Cutting width of 180 cm. This plant is also delivered in other widths eg cutting width 3,2m. 230 VAC, 16 A.



Art. No.:	Equipment
3.533.RM.2M	Endcutter with linear drive, cutting width 180 cm
3.533.RM.3M	Endcutter with linear drive, cutting width 320 cm
3.533.RM.6	Automatic end cutter with linear drive, cutting width 570 cm (3.533.RM.ECO)
Other widths available on request.	
61.303.22	Replacement knife, round
388.623.20	roll-off hoist up to 2 m
3.533.DL	Pneumatic pressure bar, optional with circular knife cutting systems for extremely precise cuts, for example if an image is to be cut. Kit attaches to the edge of your trimming table, requires drilling a minimum of 2 holes. 230 V AC 16A - compressed air 3-4 bar.
61.303.23	Replacement knife, 8-curve
388.623.35	roll-off hoist up to 3.3 m



Cutting table

Stable frame, height 90 - 100 cm, multilayer board, available in all lengths and widths, each sqm.

Art. No.:	Equipment
601.300	Standard grey-beige
601.300 F	Charge for mobile version
601.300.1	Intermediate floor possible / qm

Pull-Off Dispenser

The perfect equipment for the studio is the pull-off dispenser. The fabric roll can easily be removed and placed right-angled to the edge of the cutting-table by one person. Adjustable for rolls of cloths up to 35 cm Ø. Suitable for every cutting-to-size-table, height is adjustable. Suitable for every table! Do not hesitate to ask for any size.

Art. No.:	Equipment
388.623.20	Width 2 m
388.623	Width 2 m, mobile on rolls
388.623.30	Width 3 m
388.623.3	Width 3 m, mobile on rolls

STORAGE-BATTERY SICCORS

with charger. A useful auxiliary for the blank, small and practical.



Art. No.:	Equipment
61.296	Storage-battery siccors with battery charger
61.296.01	Replacement cutting head

ELECTR. PORTABLE CUTTER

Height of cut 8 – 50 mm, bow cutter, 220-240 V AC, weight: 850 gr



Art. No.:	Equipment
689.301	Knife cutter
689.301.2	Foot
61.301.2	Spare knife

CIRCULAR KNIFE CUTTER

with pedestal, extra large in diameter ø 80 mm

Art. No.:	Equipment
689.303	Knife cutter
61.303.2	Spare knife 8K
61.303.22	Circular knife



PINION TYPE CUTTER VERTICAL

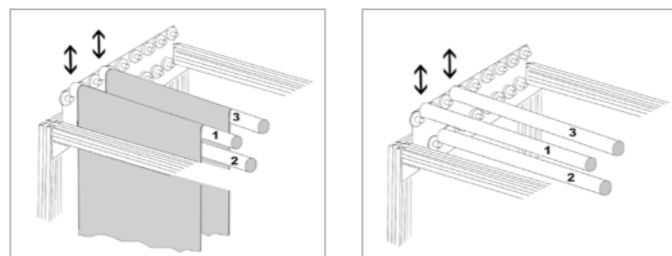
Art. No.:	Equipment
6.KSV 900.5	For thin to heavy materials





DEKO TROLLEY

The carrier contains 12 light metal bars which protect the fabric against creasing. The poles are easy to handle and to fix. The trolley is made to store the fabrics after cutting and the trolley does run from sewing machine to sewing machine, to the ironing, to the high cut machine. Four easy running wheels with brakes are standard.



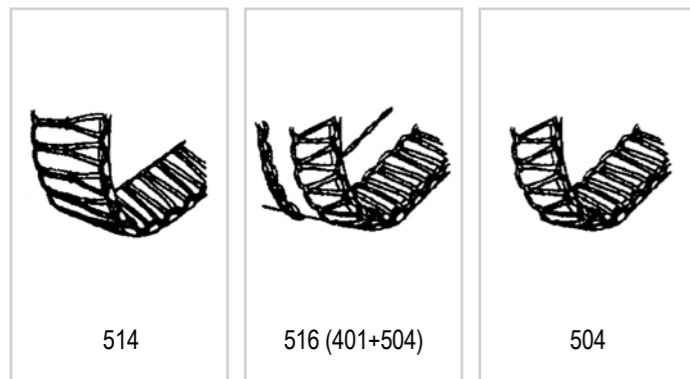
Art. no.:	Equipment
388.624	150x150x150 cm

MATERIAL TROLLEY

The material trolley comes with a storage area of Supplied 75 x 35 cm. This is mobile, optionally with extra large castors and parking brakes 4 double wheels available. Ideal for fabric parts at sewing workstations.

Artikel-No.:	Equipment
382.624	Material trolley 75x35 cm
588.240.25LB	Surcharge per swivel castor with brake.





I Seaming Fabric Lengths Together

This can be done with either a 2-needle - 5-thread machine with additional safety stitch. **Stitch pattern 516**

or a 2-needle 4-thread for a more relaxed and stretchable seam. **Stitch pattern 514**

With both universal machines you can also use as a 1-needle - 3-thread machine, for serging panels etc.

- Cleaning
- Sewing with spec part set, for inserting lead tape
- With spec. part set, processing the hem.

The subsets, gauge parts can be changed in a few minutes.

II Overcast

This is possible with all machines on this page.

III Down hemming / Narrow edge seaming

Change the sewing arm in seconds with 1 screw - i.e. No time consuming setting of the presser feet and one machine can easily be converted from an overlock to a webbing machine. You can cut edges up to 2 mm (or wider) and meet the demand for the finest workmanship.

	Art. No.:	III Rolled hem part set
Narrow edge seaming	6.RSTSPM735	Roller hem 2x5
	6.RSTSPM724	Roller hem 2x4

IV Sewing on lead ball band

The leadball band component set can be used with the 1-needle 3-thread, 2-needle 4-thread machine or the 2-needle 5-thread machine - the pull-off and feeding device for the lead ball rolls is also supplied.

	Art. No.:	IV Lead tape parts set
Leadball seaming	6.BBTS2X4PM7	Sewing on leadballband

M-class – with integrated servo motor, frame and table in fully recessed design.

For us the most ideal sewing head – because it is highly flexible!

Unique deep and deep needle cooling

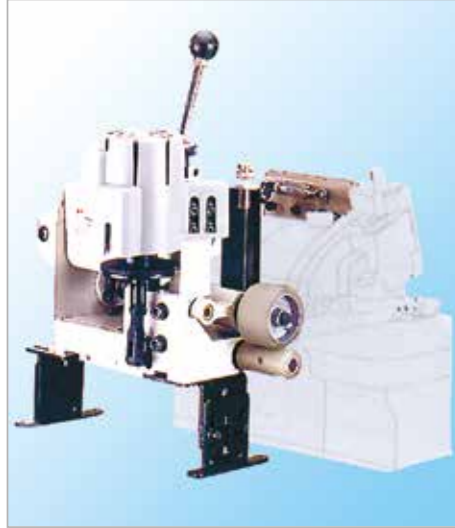
- not only cools the needle, but does not let the thread heat up and ensures an excellent seam appearance.

New and inimitable:

Servo motor for more silence, no v-belt but quiet direct drive with 60 % energy saving.

- Maximum of 7000 stitches/min.
- Easy Threading
- Presser foot lift maximum 7 mm
- Fully Submerged machine table
- Anti - Vibration bottom table for ergonomic working
- Special designed fabric cuttings slide, placed to the back, more space for the legs of the operator
- For service you can choose to skip the local service – just take the sewing head out of the frame and send it to us packed!
- Energy saving LED lighting
- 230 Volt AC





The world's best-selling puller system ensures gentle and accurate fabric pulling, with faster sewing with smooth seams. The puller pulls the fabric in the direction of sewing and assists in transporting backwards. This ensures fast and continuous sewing with a resultant flat and distortion-free seam appearance. This ensures smooth seams – ergonomically without using the left arm.

Available for all of the above machines, such as pages 22/23



Adjustable draw-in set crew



Cover plate combined with side panels, which can be opened together



Easy to handle pressure feed with lever

Art. No.:	Equipment
6.1N3F.M9	1-Needle - 3-Thread 2x4, 230 V AC
6.2N4F.M9	2-Needle - 4-Thread 2x4, 230 V AC
6.2N5F.M9	2-Needle - 5-Thread 3x5, 230 V AC
6.1831.B2780	Needle VE = 10 in a box
6.1831.B2790	Needle VE = 10 in a box
6.PK	Puller 2N5F/2N4F
6.PKM	AW puller assembly
6.PBB	Lead tape holder on the puller
6.C 2410.1	Sewing machine oil 1L

EXT

– These series are also available with additional Differential top feed system for better control.

These sewing heads can be found, for example, in the NA 2100+ sewing system. Use to sew even heavy fabrics with high speed cleanly and precisely.

Please tell us your specific area of application. e.g. faster sewing on smooth seams. A puller is often not necessary here, depending on the fabric, “floating foot technology” is also used.



EXT 2N4F or 2N5F



Border and sew on lead tape

The sewing head with differentiated bottom feed for the highest demands!

Fully equipped:

- LED light
- Special presser foot
- Lead tape guide and lead tape dispenser.

Here the fabric is automatically placed around the lead tape and enclosed whilst sewing.

If you only want to sew on lead tape, you have the optimal machine equipment here:

- Rear Puller Feed with top roller transport
- Side Fabric edge trimming knife, trims the fabric edge neatly whilst sewing for a clean finished appearance
- Lead tape feed from above
- Binding the fabric around the lead tape - we recommend using special bulk yarn for an optimal result.

Art. No.:	Equipment
6.2N5FBBEFTS	Complete sewing workstation with puller and lead binding device 230VAC with mobile frame and large table top - recessed design - low vibration
6.1831.B2780	Needle VE = 10 in a box
6.1831.B2790	Needle VE = 10 in a box

Double lockstitch – bottom feed and needlefeed and top wheel feed – made in Europe.

The ultimate modern generation of sewing heads.

The machine is delivered with a synchronised 3-feed system (optional to switchable). Automatic thread trimming, needle positioning, pressure foot lifting, backtack. This machines comes cpl. in series with all these options.

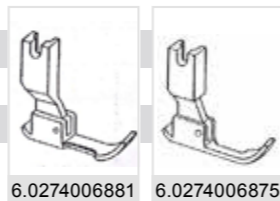
Thread clipper, pin positioning, as well as locking includes the standard equipment. The machine is serial fully equippe- presser foot lifting d for sewing of dekorations on a solid frame and a extra big table board (20cm space in front of the needle) and fabric parts set

- Two stich lengths can be preselected, each with for- and backwards direction
- 4 function key
- light barrel top feed adjustment, depending on texture adjustable in front of the machine via balance wheel.

In this fully equipment you receive an extreme smooth machine, for fine and even sewing results. If you have special requirements for a high-speed for long seams, then you have come to the right place!

If required you can receive an machine with operating display for sewing section programing

Art. No.:	Equipment
6.274 DABFAX	1 needle-douple-prime machine, bottom feed, puller barrel top feed, intermittent and additional with needle feed, thread clipper, servo motor brand Dürkopp Adler, aut. pin positioning-locking, 230 V AC, all machines with table platter 106 x 60 cm
6.274 FAX	1 needle-douple-prime like above, but with german EFKA servo motor and controlling
6.274 SFST	Swimming foot technology with soft parts set, special for long and flat seams
6.0274006875	Edgefoot for DA 274 open right
6.0274006881	Edgefoot for DA 274 open left
6.9126243705	Bobbin
6.134R...	Needle system: 6.134R-70-80-90-100
6.9850001311	Display
6.V820	Display EFKA
6.V810	Display regular
6.9009110.R	Sewing ruler swivable and adjustable 0-40mm
6.274006834	Special foot for hemming spring operated
6.C 2410.1	Sewing machine oil 1L



This workplace is fast, intelligent, powerful and the ultimate machine in the market!





Lockstitch speed seamer

In recent years, there have been many changes in the market so we suggest here 3 models which in our opinion represent 3 price categories but offer the best price / performance ratio in each:



■ High-speed sewing machine with bottom feed, (needle feed+). Top feed puller, complete with thread trimmer, needle positioning,



■ High-speed sewing machine, bottom feed, needle feed, the new generation fully equipped with display and LED sewing area lighting



■ High-speed sewing machine with bottom feed and thread trimmer, needle positioning, SERVO-Motor quiet and energy-saving.



■ Fast sewing machine with bottom feed, (needle feed +) roller top feed puller, complete with thread trimmer, needle positioning, SERVO motor.

Bottom feed and needle feed at it's best

- Particularly smooth-running new servo direct drive
- Mobile frame with parking brakes at no extra charge
- The alternative with double transport
- Smooth hems even on fine fabrics such as organza but also for medium-heavy fabrics
- The following special sewing feet:



6.9020 FAX New development with bottom feed and needle feed, servo motor, low-vibration due to direct drive, thread trimmer, automatic locking, integrated display with which not only seam sections, needle positioning but also the thread tension can be easily adjusted with +/- 2-fold feed for fine Organza to medium-heavy fabrics from 500 g/sqm, integrated cool LED energy-saving sewing area lighting. Small oil lubrication closed. 230 V AC

- 69126243705 Bobin normal
- 6.134R Needle system R1738. 70. 80. 90. 100. 110. 120 – VE = 10
- 6.7901-011 Table top extra large 120x60cm
- 6.9068024.3 Table top pallet shape 125 x 60cm
- 6.9009110.R Swivel edge ruler
- 6.1181G Sewing foot closed
- 6.BA1535NF Zipper foot concealed seam
- 6.BA1174 F Keder-foot
- 6.BNT-24F Teflon-foot NT
- 6.SL15NF Edge leveling presser foot
- 6.C 2410.1 Sewing machine oil 1 l



This lockstitch high-speed sewing machine is the latest development for long seams.

Bottom feed DA 281

The cheap workplace for smooth seams. Here you will find technology from the market leader Dürkopp-Adler with underfeed, thread trimmer, needle positioning and display. Small oil lubrication closed.

Art. No.:	Equipment
6.281 FAX	Sewing machine cpl with table 230 V 16 A
6.1183.0001	Presser foot special
6.1183KR	Edge foot right
6.1183KL	Edge foot left
6.BNT24F	Teflon foot
6.71-2500004	LED sewing light twin,
6.134R.70-80-90-100	Needle system
6.SL15NF	Edgebalancing foot
6.1181RVF	Zipper concealed seam,NT



6.9010 FAX	Servo motor, thread trimmer, automatic locking, display, 2-fold transport, 230 V AC, with normal bobbin
6.9110 FAX	dto. with big bobbins 26 mm esp. for long seams, 230V AC 16A, no air needed
6.S01928151	Bobbin for large gripper, model 9110
6.9126243705	Bobbin normal
6.134R ..	Needlesystem 6.134R 70 / 80 / 90 / 100 / 110 – VE = 10
681.8420.001	Large table 105 x 60 cm
6.7032-404	Extra large Table 125 x 60 cm
6.PS/6.PL	Additional with top wheel feed
6.9009110.R	Swivel edge guidance
6.1181G	Sewing foot closed
6.1181.0001	Special presser foot with bar for hem work for NT
6.SL15NF	Leveling foot for hems
6.C 2410.1	Sewing machine oil 1L

Bottom feed and needle feed - 6.9010 FAX with or without puller

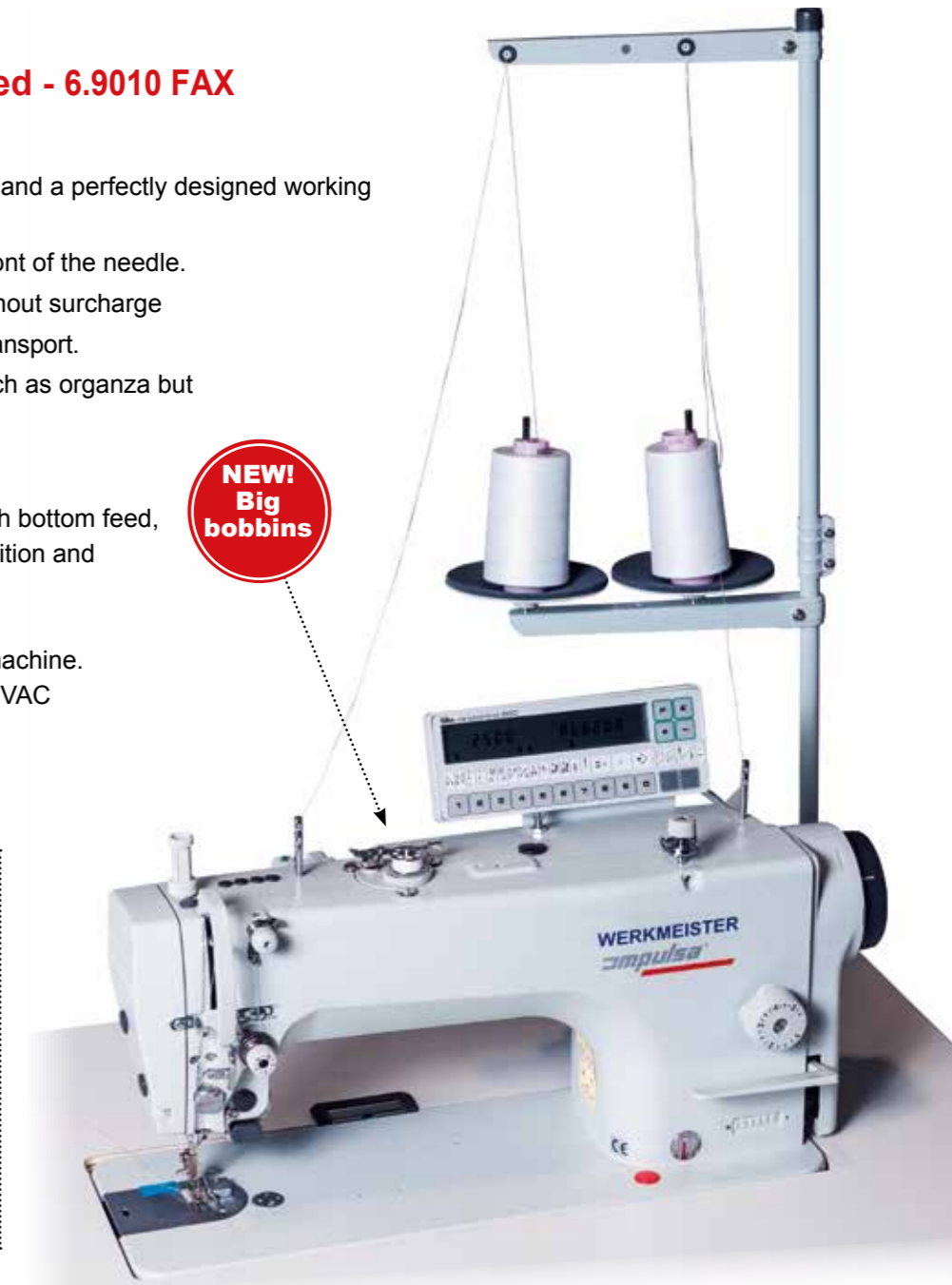
- These speed seamers are very quiet and a perfectly designed working station.
- tabletop 60 cm deep and 20 cm in front of the needle.
- Mobile frame with parking brakes without surcharge
- The inexpensive alternative with 2x transport.
- Smooth hems also on fine fabrics such as organza but also for medium-heavy fabrics.
- Display and seaming programs incl.

Lockstitch speed seamer **6.9010 FAX** with bottom feed, needle feed, thread trimmer, needle position and automatic interlock.

Even without Puller a strong, versatile machine. Set up and delivered ready for use. 230 VAC See table on pg. 30.

All high-speed sewing machines on the market were designed for clothing. However, long seams require a higher thread consumption and thus more bobbin change. That's why the 9110 was developed with almost 3x more thread capacity.

**NEW!
Big
bobbins**



Speed seamer with puller

Intermittently directly behind the presser foot, easily raised with one hand, ensures even faster sewing. Suitable for all speed seamers.

For perfectly flat and smooth side seams of curtains, also suitable for bottom seams and other sewing work.



Art. No.:	Equipment
6.PS/6.PL	Additionally with top wheel feed

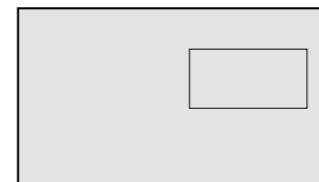
Mobile frame

Art. No.: 6.GI21-09
Height adjustable, castors with parking brakes

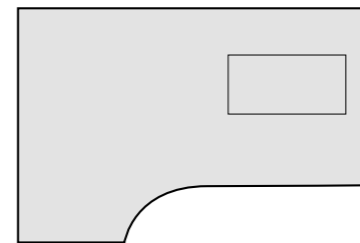


Frame standard

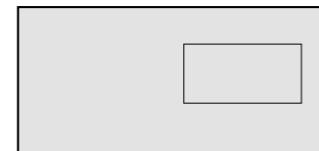
Art. No.: 6.GFL20-7125
Height adjustable



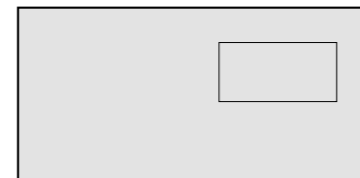
Tabletop Impulsa,
Dim.: 105 x 60 cm
20 cm more space in front of the needle!



Palettenschplatte
Aufpreis
Dim.: 120 x 100 x 60cm
25cm space in front of the needle! !



Standard tabletop
on the market
Dim.: 105 x 50cm

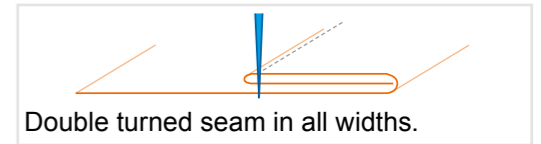


Tabletop large
Surcharge
Dim.: 120 x 60 cm
20 cm space in front of the needle!

Hemming tool – for double turned seams

Tool for 10, 20, 25, 40 mm hemmingwidth, other widths on request.

Art. No.:	Equipment	Fig. 1
588.336.1003	Flag-hemming tool 10 mm with swivel bracket	
588.336.2003	Hemming tool 20 mm with swivel bracket	
558.336.2503	Hemming tool 25 mm with swivel bracket	
588.336.5003	Hemming tool 50 mm - 2 inches	



Double turned seam in all widths.



Fig. 1

Ribbon sewing on almost every sewing head to assemble

Multiflexible for hems up to 100 mm adjustable – on swivel brackets – easy to feed – a special design from IMPULSA!

Art. No.:	Equipment	Fig. 2
588.336.120	Hemming tool, adjustable 20 to 100 mm	
588.336.2-10	Hemming tool, 20-100 mm, heavy mat.	

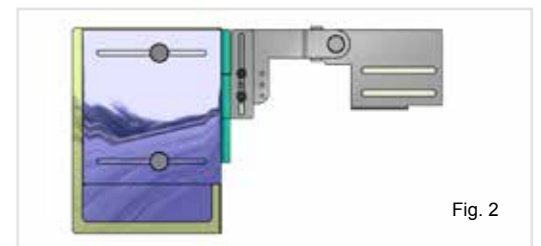
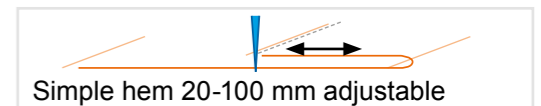


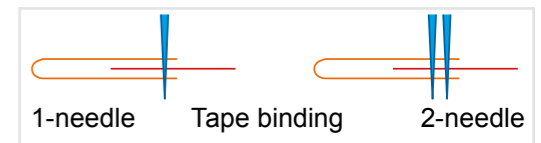
Fig. 2



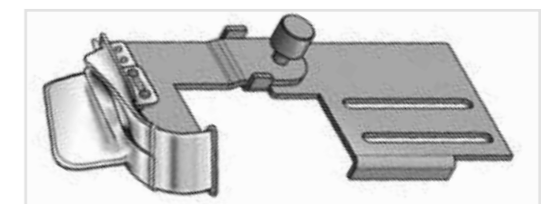
Simple hem 20-100 mm adjustable

Tape binding tool

Art. No.:	Equipment
	Input width..... mm and final width..... mm Production in all widths – on request!
689.102.BEF	Tape binding tool... mm on request
6.F50-25X1.8	Tape binding tool 50 on 25 mm
6.F80-40	Tape binding tool 80x40 mm
6.F100X50X..	Tape binding tool 100 on 50 mm
6.F120X60X2	Tape binding tool 120 on 60 mm



1-needle Tape binding 2-needle

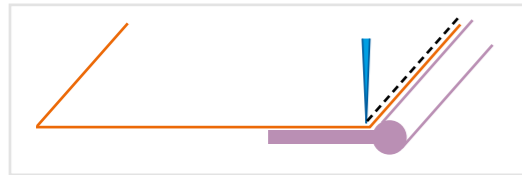




Turning Tool Single

Art. No.:	Equipments
588.336...	Turning tool for hems...mm
588.331.20	Turning tool 20 mm
588.331.50	Turning tool 50 mm
588.331.25P	Turning tool 25 mm for PVC

1-needle round piping or 2-needles



Round piping sewing tool

Art. No.:	Equipment
689.102 RK	round piping sewing tool



Magnetic ruler

Art. No.:	Equipment
6.A-1486s	Fits on every base of sewing head and is an ideal guidance for all sewing tasks along the edges. Easy to adjust

Swing ruler adjustable

Art. No.:	Equipment
6.9009110.R	Edge ruler

Can be adjusted and swiveled in seconds to guide fabric edges and set the second seam parallel - ideal if you want to process different widths with the same sewing head quickly and accurately.



Tape guide adjustable from above

Art. No.:	Equipment
50.99120	Tape guide adjustable from above and swiveling
50.99120.160	ditto 160mm wide
50.99111	Device for unwinding the tape

Tape sewing to be mounted on almost every sewing head

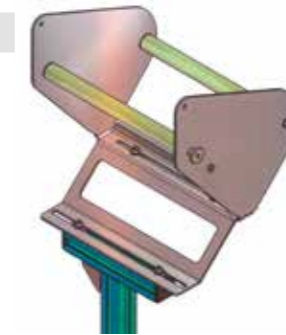


Tape unwinding device

Article-No.	Equipment
50.99111	Device for unwinding the tape

Tape winding device

Art. No.:	Equipment
50.99112	Ball-bearing mounted fitting almost to any kind of tapes on rolls
6.TFU15-3	Motor driven tape winder



Swivel bracket

Art. No.:	Equipment
689.102	swivel bracket set without sewing tool





Tape guidance

Tape guide with swivel bracket that guides the tape and at rest up or to a lower position in front of the presser foot offset to feed the tape directly. Adjustable for different bandwidths from 20 to 73mm. Just tell us the sewing head and type.

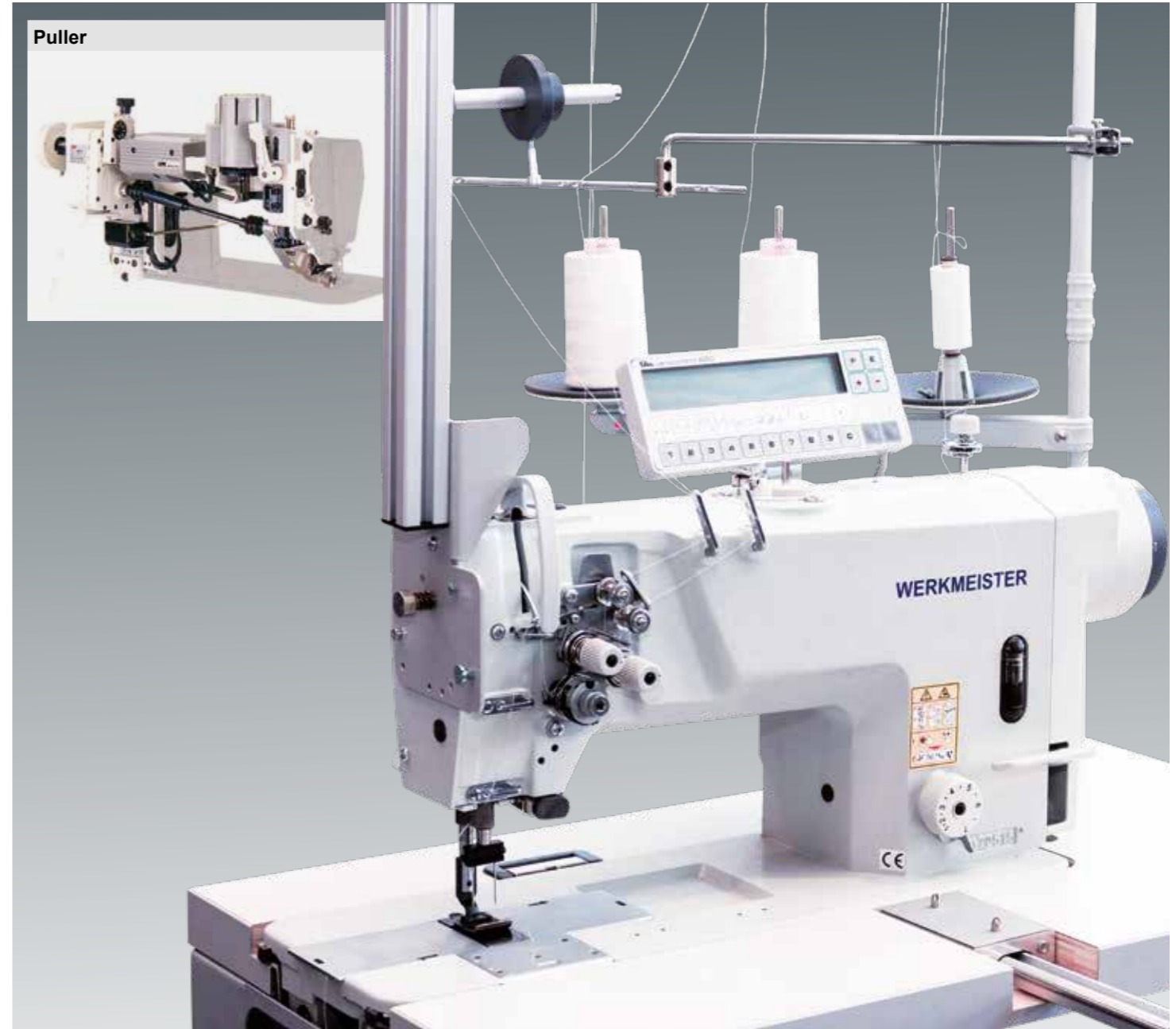
Save time and sew 2 operations in one - while sewing at a higher quality. This investment is worth starting from two decorations a day! The use for various materials in the light to medium range of application distinguishes this machine.

Ideal workplace design:

- Tape unwinding device – the best-selling.
- or tape unwinding device for wide rolls
- Tape guide on the presser foot
- Tape guide swiveling and adjustable for tapes 20-70mm swiveling in front of the presser foot
- Motor-driven unwinder
- Tape tensioner 6.99BSE
- Turning tool 20 mm or 25 mm or ...mm
- Turning tool adjustable 20-100 mm

Flexibility and more than 60% time savings through 2-needle machines

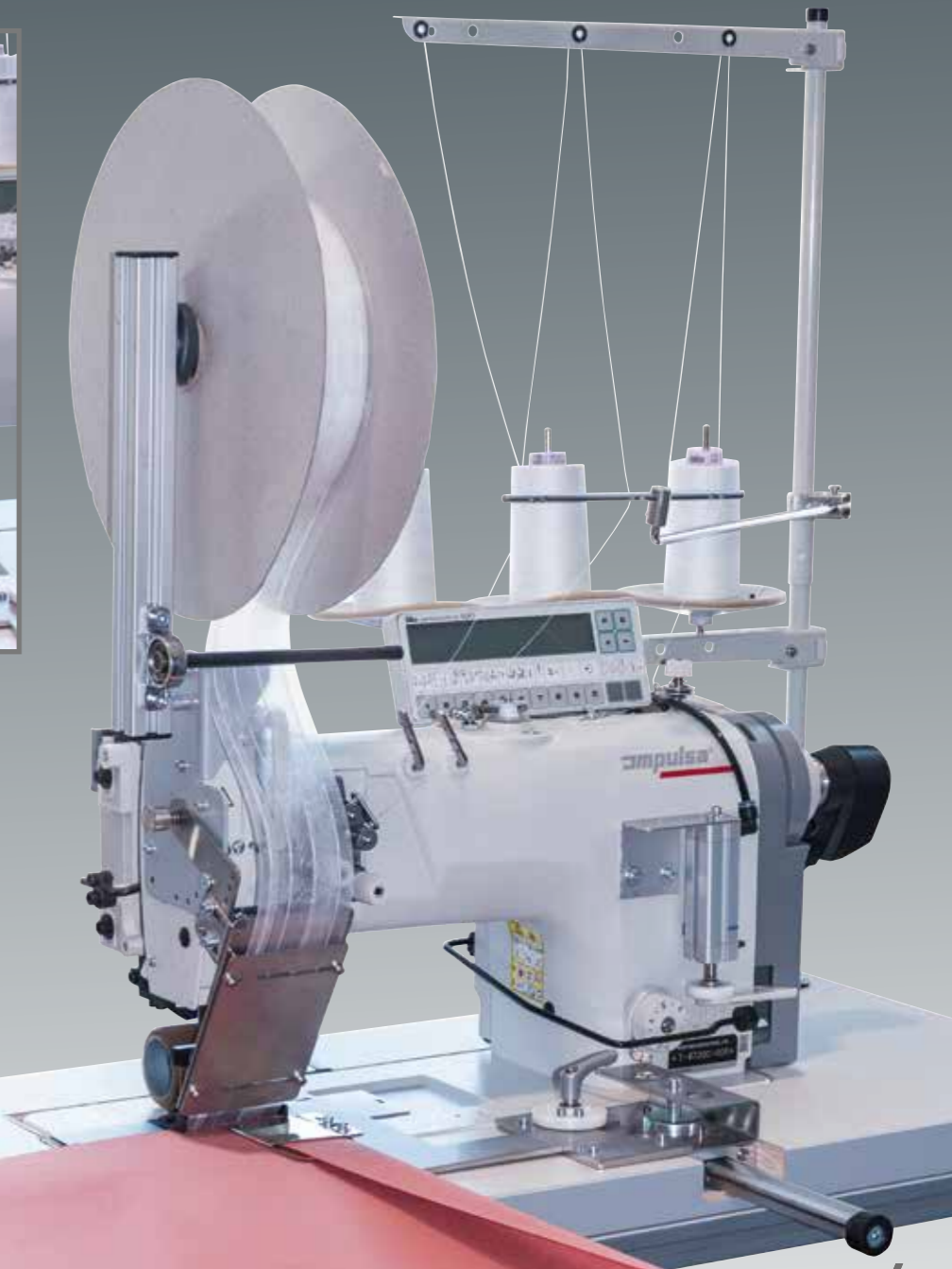
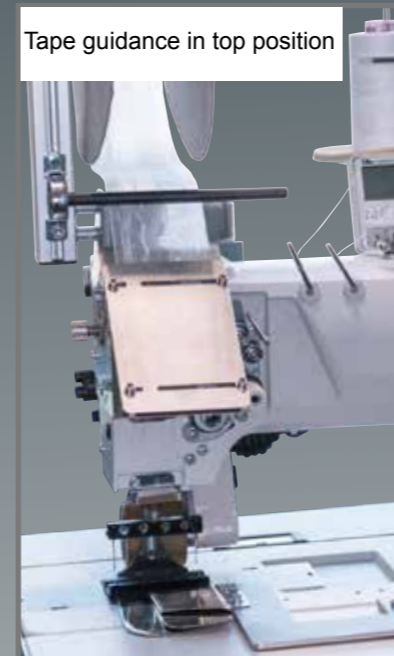
- Lockstitch with fixed needle spacing or Chain stitch with interchangeable needles
- Available in all widths from 4.8-70 mm
- Large table top 106 x 60 cm, on request 120 x 60 cm or pallet table
- EFKA Servo Motors Germany
- Sewing lights are cold and energy saving
- With intermittent puller system directly behind the presser foot, with easy to raise with a handle, ensures even faster sewing.



Speedy seamer 2 needle with or w/o Walzenobertransport

- Ideal work place design for tape sewing
 - Send us your band patterns, roll diameter and width, so we get the right one
 - Configure machine composition
 - Mobile frame, for easy cleaning under the sewing machine
- Power:**
- Excellent price-performance ratio
 - High productivity
 - Thread cutter up to needle spacing of 25.4 mm
 - Automatic locking

Art. No.:	Equipment
6.2N.	Sewing stand with motor and table top 60 cm deep, spec. Presser foot, 230 V
6.2N.8MM.FA	8 mm needle spacing, with thread trimmer, presser foot lift
6.2N12FA	12,7 mm Nadelabstand, mit Fadenabschneider, Presserfußlüftung
6.2N16FA	16 mm needle spacing, with thread trimmer, presser foot release
6.2N20FA	20 mm needle spacing, with thread trimmer, presser foot release
6.2N.25.4MM	25.4 mm needle spacing, with thread trimmer, presser foot release
2N45.B842	45 mm for 50 mm tapes
6.2N68.NB	68 mm for 75 mm tapes
50.99111	Tape reel holder
50.99112	Tape reel holder
50.99120	Tape guide
6.F175U70	Adjustable loader 20-70 mm or Art.No. 588.331.2-10 20-100 mm
588.331.30	Single turn folder 30 mm, other sizes on request
6.S01928151	Bobbin GG 26 mm Large
6.134R. ...	Needle system 70 / 80 / 90 / 100 PU = 10
Other needle spacings available at extra cost. FA = thread trimmer, N = needle positioning, B = control display	
6.PL	Intermittent upper roll transport for 6 mm to 16 mm needle spacing
6.PL-50	Puller – 50 mm
6.PFL.UT	Conversion aut. Presser foot lifting
6.9009110.R	Edge stop swiveling and adjustable
6.C 2410.1	Sewing machine oil 1 L



Speed seamer 2 needle with or w/o top wheel feed

- Ideal work place design for tape sewing
 - Send us your band patterns, roll diameter and width, so we get the right one
 - Mobile frame, for easy cleaning under the sewing machine
- Power:**
- Excellent price-performance ratio
 - High productivity
 - Thread cutter up to needle spacing of 25.4 mm
 - Automatic locking

Art. No.:	Equipment
6.827-2 ...	Sewing stand with motor and table top 60 cm deep, spec. Presser foot, 230 V
6.827-2.8 mm	8 mm needle spacing, with thread trimmer, presser foot lift
6.827-2.16	16 mm needle spacing, with thread trimmer, presser foot release
6.827-2.20	20 mm needle spacing, with thread trimmer, presser foot release
6.827-2.25	25 mm needle spacing, with thread trimmer, presser foot release
6.827-2.45	45 mm for 50 mm tapes
6.827-2.68	68 mm for 75 mm tapes
6.827-2.86	86 mm for 80 mm tapes – 700-series
50.99111	Tape reel holder
50.99112	Tape reel holder
50.99120	Tape guide
6.F175U70	Adjustable loader 20-70 mm or Art.No. 588.331.2-10 20-100 mm
588.331.25	Cover 25 mm, other sizes on request
6.S01928151	Coil large 26 mm PU = 10
6.134-35R. ...	Needle system 70 / 80 / 90 / 100/ 120 PU = 10 special Titanium
Other needle spacings available at extra cost. FA = thread trimmer, N = needle positioning, B = control display	
6.PL	Intermittent upper roll transport for 6 mm to 16 mm needle spacing
6.PL-50	Puller – 50 mm
6.PE	Puller electro-pneumatic super quiet – E76/8-6SO
6.9009110.R	Edge stop swiveling and adjustable
6.C 2410.1	Sewing machine oil 1 L

Tape sewing machine 2 needles DA 827

- Suitable tools see pg. 38
- Puller wheel transport pneumatic



- Supports 2 stitch lengths
- 2 needles for tape binding – up to 45 mm available with thread cutter
- Quick stroke adjustment



Rollo-Tape-Sewing Machine 2-Needle-16 mm needle gauge

Finally we found a solution to sew very ergonomically tapes on tableau curtains- Raff-Rollos. Because of the long arm 1000 mm of the sewing head, the fabric lays even and unpleated so the operator may control the sewing process much easier. If you add ultra violet light you may sew the tapes easier and perfectly parallel.

- Long arm sewing head 1000 mm
- Puller-transport air operated
- 2 stitch length callable
- Stroke quick changer
- 2-Needle to sew the tape – 16mm
- Also other gauges available



Art.-No.: 6.1000.2N16



Unique and New:

Now you may sew organza with blindstitch!

Blindstitch-Universal-Maschine VEB 100

SUPER LIGHT FABRICS like organza and voile which you couldn't sew until now with blindstitch – this is now possible.

- Wide arm passages
- Stitch length from 5 to 8 mm – easy to adjust
- Needle plate opening 7 mm
- Skip stitch with depth regulation: 1:2
- Sewing speed: up to 3 000 Stitches/Min.
- Stitch depth adjustment easy to handle by hand wheel, with digital display for easy repeat
- Cpl. with table 106 X 60 cm and motor 230 V AC

Art. No.:	Equipment
6.BST 813F	Sunken version
6.251EU-70	Needlesystem
6.C 2410.1	Sewing machine oil 1 L



Blindstitch – for the invisible seam

This machine sews nearly everything – from light fabrics to heavy. A real horse to run your curtain sewing.

- Wide passage for sewing
- Stitch length from 3 to 8 mm – easy to adjust
- Sewing speed 2500 U/Min
- Foot passage 8 mm
- Stitch depth adjustment easy to handle by hand wheel.

Art. No.:	Equipment
6.BST 101	Lowered version, cpl. with table 106 x60 cm and motor 230 V AC
6.BST 101 A	Normal version, motor 230 V AC
6.251EU-70	Needlesystem
6.251EU-80	Needlesystem
6.251EU-90	Needlesystem
6.C 2410.1	Sewing machine oil 1 L

High speed blind stitch Maier

With a large working width of 17 cm, swiveling extension table, interval device 1: 1/1: 2 switchable. For thin to medium-thick material, completely mobile with table..see features above.

Art. No.:	Equipment
6.241 DS	Deco special
6.241-10	Parts set for velvet instead of standard parts set
6.241 EP	Cpl. with puller
6.240 FA	Thread cutter
6.C 2410.1	Sewing machine oil 1 L



Sunken version



Normal version





WERKMEISTER

Sewing workplace for safe and fast processing of so-called „Swiss Guides“.

- Electronic lockstitch bartack machine.
- Thread trimmer electromagnetically
- Sewing foot lift electromagnetic
- Specially designed for manual sewing of curtain glides (this machine is also available with automatic vibration feeder, see table).
- With another program, the curtain fold is attached with a point angle
- Includes 1 slider holder
- Presser foot swung out for stapling
- Direct drive via servomotor, 230 V
- Control panel
- Resopal table top on height-adjustable frame



Art. No.:	Equipment
6.KE430	Sewing machine "Swiss Guides"
6.KE430-SA	Dto. Automatic bartacker with aut. feeder
6.KE430.0001	Distance ruler for folds / guides
6.KE430.0002	Ruler for folding depth
6.KE430.0003	Holder for guides
6.C 2410.1	Sewing machine oil 1 L

Ring sewing machine

Art. No.:

6.374-20RING

Chainstitch machine – one thread, for fixing rings, with adjustable brackets. The rings are placed manually. Just enter the ring and feed the fabric edge and start. Ring by ring.

Adjustable stitches 8–16–32.

Safety KNOTTING at the end to avoid loose rings! (Secure stitches) from 8-15 rings – other sizes with add. tools available.

Thread cutter, cpl. with stand and table, motor. 230 V AC.



Lockstitch – Automatic Ring feeding machine

Art. No.:

6.3307 RINGA

Electronic controlled machine with adjustable stitch length and number of stitches - threadbreakcontrol device – fabric guide – secure stitch equipment - (Double-Knotting) – skip stitch sensor and integrated servo sewing motor drive. Cpl. with table and stand -230 V AC.





Sewing station with bottom and top feed 1085



Sewing Hooks

This machine can be equipped with three different sewing heads. The top feed machine is especially suitable for medium to heavy fabrics on a small budget. The needle feed machine for light to medium weight fabric. The bartacking machine for attaching hooks from the right and is suitable for all fabrics.

Equipped with thread trimmer, needle positioning, PFL as well as seam section program and display.

The additional device dispenses hook after hook.

Advantages:

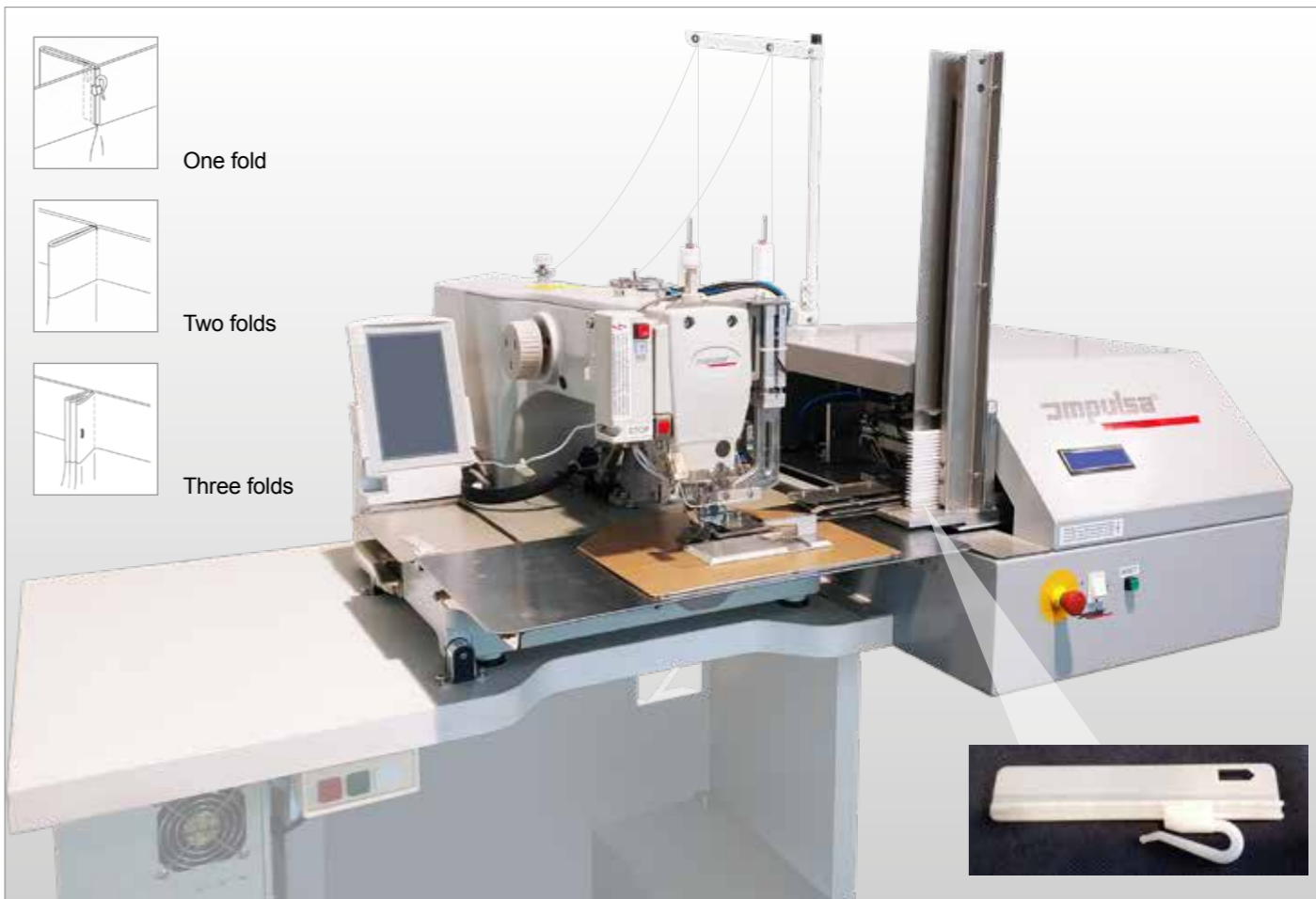
- With one seam or two seams, so-called L-Tack
- You save an enormous amount of time
- Hook after hook neatly processed
- Little training for the operator
- Magazine for 100 hooks is simply filled
- Hooks available from us

Machine is also suitable for all hooks. Please specify when ordering.



Art. 6.HM FF.19 Standard hook setting machine

Art. No.:	Equipment
6.1085 NAFF	2-fold-transport – high passage, 230 V AC
6.1181 NAFF	ditto for light to medium weight fabrics
6.MF-H.75	Hook 75 mm adjustable, PU = 500
6.134R.80	Needle system PU = 10
6.C 2410.1	Sewing machine oil 1 L
6.HMFF.19 NAFF	Bartacking machine
6.190 RWTX 190	Needle system



Art. No.:	Equipment
5.HM FF.19	With automatic folding device 1/2/3 folds complete with B-sewing head and laser device
6.190 RWTX 190	Needle system
6.C 2410.1	Sewing machine oil 1 L



NEW!

This sewing workstation can optionally be supplied with sewing heads from Brother, Juki or other makes, depending on the customer's request.

All high-speed heads are equipped with a sewing program and display.

This is the most efficient machine based on a bartacking machine with a large sewing area.

- Folds are placed automatically
1-fold, 2-fold or 3-fold by pneumatic device.
- Hooks are automatically inserted.
The additional construction provides hook on hook.
- The sewing is done according to the program call!
Seam sections, or L-dart, or point bartacks are possible.
- Stitch length adjustable from 0.7-2.5 mm
- Needle cooling up to 2,700 stitches/min
- Simply insert fabric, the fold is formed exactly, the hook is inserted and the recalled sewing program sews automatically.
- There is a simple, quick hook spacing device with the sewing position indicated by laser, this spacing device is easily adjustable in distance from 65 to 185 mm. Ensures the sewing and spacing of the hooks is performed easily and accurately.
- The standard hook size is 75 mm, optionally other magazine sizes are available, for example 95 mm.
- Extremely large time saving – nevertheless each hook is processed cleanly with very small set-up time for the operator
- Easy to fill magazine for 100 hooks
- Hooks are available through us, the machine also works with all other hooks if prepared for it. Just send us a sample.

Pleating – simple and double

Art.No.: 6.DLR1502PMR

Programmable machine which does set the pleats and sew with 2-needles, gauge 32 mm.

The working station is consisting of:

- 2-Needle chainstitch machine with display
- PLC for easy setting the number of stitches and also the pleat sizes
- Tape feeding and sensing for cutoff by malfunction
- The number of stitches of the front pleats and back pleats (doublepleat) are easy to set on the display
- A pneumatic pin system assists by holding the pleats on difficult fabrics

Delivered cpl. with folding device, stand and Servo motor, 230 V AC.



Pleating

Art.No.: 6.B746-5

Pleating and sewing machine with 4 eccentrics = adjustments for different pleat sizes/types. Delivered with a 1-needle machine with big bobbin - stand and motor 230 V AC. On request delivered with Velcro tape feeding from the bottom.



A new developed folding device

The mechanics are based on a known concept combined with new servo technology for easy adjustable sizes of pleats - single as well as double or so called box pleats.

- Single pleats
- Double pleats
- You may pleat tapes
- You can directly tilt your curtains on top and directly sew your pleat on the band
- You can choose the pleat depth. Double Pleats up to 100 mm possible
- Smooth run and less vibration

Start with sewing desired stitches, then start the pleating during the sewing and like that you end the sewing operation with seams without pleats or start directly with the pleating during the sewing you can correct with a caliper to get the desired measure

- tape guide from the bottom serial
- with display – big table – moveable – 230 V AC



Art.No.:	Equipment
5.2N45.BPM	Lockstitch 50 mm
5.2N65DAPM	Ditto, sewing head 65 mm
5.XN.C.BPM	Chainstitch
5.2N45.BPM+C	Lockstitch 50 mm plus conveyor

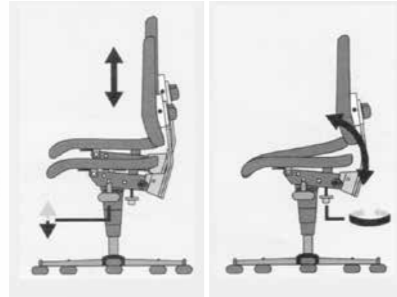
Other needle distances on request



Art.No.:	Equipment
5.NA25-45BP	SYNCHROMATIC NA 250 – conveyor belt 2.5 m extra wide, from the needle to the opposite edge 1 m, for light 100 gr. to heavy 500 gr. materials – 2-needle-lockstitch sewing head n.a. for 50 mm tapes
5.NA40-45BP	SYNCHROMATIC NA 400 – conveyor belt 4 m, for light 80 gr. to heavy 500 gr. Materials – 2-needle-lockstitch sewing head n.d.a.
5.NA40-65	2-needle lockstitch sewing head Dürkopp Adler with thread cutter for 70 mm tapes
5.NA50-2N65	SYNCHROMATIC NA 500 – conveyor belt 5 m, for light 100 g to heavy 250 g materials Other lengths or needle spacings on request or chainstitch versions
6. PL-50	Top roller transport system – PULLER

Other sizes available at any time – almost every sewing head can be synchronized – thanks to the open synchronization system.

IMPULSA – the pioneers



Work chair

Art. No.:	Equipment
6.9714	Sit healthy!
6.9429	Ditto on rolls

Only those who sit very well, can achieve best results! This padded sewing chair can be individually adjusted in all directions.

Large quantities make our cheap offer.



Sewing light – * Cold * NEW *

Energy saving LED light.
Bright, concentrated sewing light
Shadow-free illumination without f-stops and Heat stress.
Individually adjustable mounting kit with magnetic holders The ideal sewing lamp for all lockstitch sewing workstations. Only 5 W - cold and bright.

Art. No.:	Equipment
6.71-250004	Sewing light with magnet holder, 5 W

Sewing light – energy saving

1 W - this special LED sewing lamp has a very low energy consumption - magnet holder suitable for every sewing head and adjustable gooseneck.

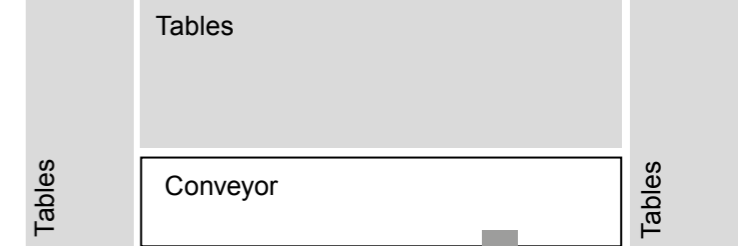
Art. No.:	Equipment
6.71-250002	Sewing light adjustable



Turn table

Helps rotate the parts with its special design, as you need to sew multiple pages.

Art. No.:	Equipment
601.300	Table Multiflex - Metal frame, silver, Pin elements, with M12 feet on uneven floors adjustable per square meter
6.NA404X200	Air Cushion Turntable 4 x 2m
6.NA278x205	Air Cushion module 278 x 205
6.LK1230x278	Air Cushion Turntable 1230 x 278



Trays

The perfect equipment to make the stuff of one person to roll slightly and perpendicular to the cutting edge. Adjustable for cloth rolls up to 35 cm Ø. Suitable for every table..

Art. No.:	Equipment
388.623.30	Width 3,4 m
388.623.3	3,3 m, mobile



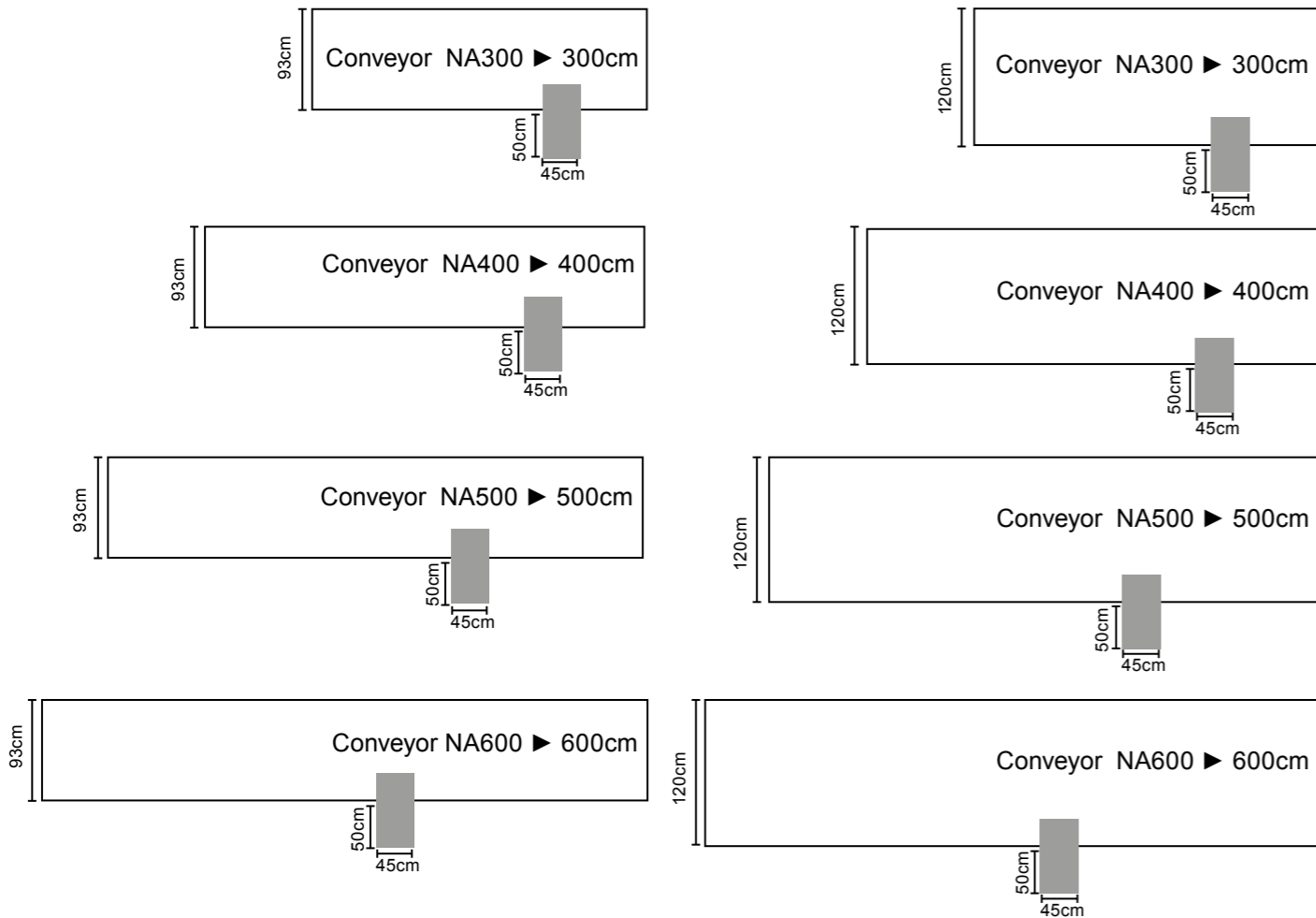
Conveyor

The conveyor is available in many different lengths and widths. This results in the best possible

Space left in front of the needle and a central position of the sewing station for a quick turn.

All hinges are available in 2 different standard widths, other widths on request

see illustrations - order numbers see page 60: - here are the illustrations for some sizes:



SYNCHROMATIC COLLECTION TRAY

■ MADE IN GERMANY



Art.-No.	Description
581.6NA300.1	Collection tray
581.6NA3001B	Collection tray wide

If you thought, sewing synchronisations are too expensive or too big – now there are many options on a low cost basis.

IMPULSA is the pioneer in sewing synchronisation

- Moving sewing heads
- Or twin heads sewing left or right
- Or conveyor belts, which transport the fabric synchronously through the sewing head **1m up to 20m** length!!!
- Or with new patented automated tape cutting while sewing!
- Or the sewing car which is also patented now

That means you can drive by and sew synchronously – as much as you want.

Just ask us – Impulsa has got the solution.

New!

We enlarged our range of low cost equipment such as **Synchromatic ECO**

- NA 200 – 2010 with 2 m conveyors
- NA 300 – 3010 3 m conveyors
- NA 400 – 4010 4 m conveyors
- NA 600 – 6010 6 m conveyors
- NA 800 – 8010 8 m conveyors
- NA 1200 – 12010 12 m conveyors

All fine synchronised either with one or two sewing heads on request.

Synchromatic ECO NA 300

The first ECO Synchromatic with 3-feed transport. Already in the standard version the upper roller transport ensures for a fourth synchronised and for extremely flat sews.

New employees are trained easily.

The first ECO automation with 2 / 3 / 4-feed transport - on request, every sewing head can be synchronized. Even your own existing.

SYNCHROMATIC ECO NA 300 *NEW*

If you thought until now, Sewing automations are too big or expensive – here is the alternative for little money!

With this Sewing synchronisation – long seams are manufactured in one sewing process by hand and will be made without interruption with best sewing results.

The sewing speed will be automatically synchronised with a conveyor, which supplies the material.

In the process of constant thread tension and speed - you obtain perfect seams and perfect hem processing.





Non-slip conveyor belt

Smooth conveyors or non-slip conveyors?

When limited space or a small budget is present a smaller conveyor belt is advised.

Small belts may need to be supplemented with in feed tables for better handling and to prevent the amount of material on the small belt from falling laterally and affecting the sewing result.

The solution can be a non-slip conveyor belt here, which allows for better guidance – almost as “freehand” sewing – but has the disadvantage that enormous time losses occur when turning the fabrics.

Freehand sewing is only possible on non-slip belts if the fabric always follows without creases, this is easier to obtain with a belt of less grip.

Smooth conveyor belts: These belts have their particular use in larger formats, particularly if your requirements are best suited to larger sizes . Long fabric lengths, especially in the sewing direction – allow “freehand” sewing as they cause little blistering and wrinkling. They are therefore the fastest alternative on the market, as the sewing on smooth belts are much faster than using non-slip tapes.

“Medium non-slip” conveyor belts: These belts represent an alternative between the other two types of belts. Here, there is a middle ground between manageable and acceptable turnaround times.

We recommend: The larger the conveyor, the smoother the tape should be, since non-slip belts apply more grip, but turning times are expensive and much slower.

Our expert advisor will find the ideal solution between available space and belt size with you.

Smooth conveyor belt
Art.-No.: 581.503...



Non-slip conveyor belt
Art.-No.: 581.502...

NA 250.19

With this sewing synchronization, long seams are produced by hand in a sewing process and without interruption with a very good sewing result. The sewing speed is synchronized with the conveyor belt which feeds the goods.

The constant thread tension gives perfect hems.



Art.No.:	Equipment – table height 100 cm
5.NA2570.1NG	SYNCHROMATIC - ECO - NA 250 - conveyor belt 2,5m, for light 80 gr. to heavy 500 gr. Materials - 1-needle sewing head with 2-feed transport.
5.NA2510.1NG	SYNCHROMATIC - ECO - NA 250 - conveyor belt 2,5m extra wide, from the needle to the opposite edge 1m for light 80 gr. to heavy 500 gr. Materials - 1-needle sewing head with 2-feed transport.
5.NA4070-274	SYNCHROMATIC NA 400 - Conveyor belt 4m, for light 80 gr. to heavy 500 gr. Materials - 1-needle sewing head with 2-feed transport plus top feed transport and floating foot device.
5.NA4010-274	SYNCHROMATIC - NA 400 conveyor belt 4 m, extra wide, from the needle to the opposite edge 1m, 1-needle sewing head DA274, with 2-feed transport plus top feed transport and floating foot device.
5.NA500-274	SYNCHROMATIC NA 500 conveyor belt 5 m, 1-needle sewing head with 2-feed transport plus top feed transport and f.
5.NA5010-274	SYNCHROMATIC NA 500 Conveyor belt 5 m, 1-needle sewing head with 2-feed transport plus top feed transport and f.
5.NA600-274D	SYNCHROMATIC NA600 Conveyor belt 6 m, 1-needle sewing head with 2-feed transport plus top feed transport and f.
5.NA6010-274	SYNCHROMATIC NA 600 conveyor belt 6 m, extra wide, from the needle to the opposite edge 1m, 1-needle sewing head DA274, with 2-feed transport plus top feed transport, floating foot device
5.NA8070-274	Conveyor belt 8m, other lengths on request
5.NA8010-274	Ditto
5.NA250-XX	With delivered sewing head starting from
.....	Apparatus see page 64
.....	Mouse assemblies see page 68
.....	Multiflex device for replacement with other sewing stations within one minute, see page 68
5.2300.TL	Additional to „Ergo - Pedal“ half automatic hand sewing - even faster.

Other sizes available at any time - almost every sewing head can be synchronized - thanks to the open synchronization system.

IMPULSA – the pioneers

SYNCHROMATIC ECO 274

4-feed transport with E-Puller

The finest and smoothest seams you will obtain with this Lockstitch-Sewing Station equipped with

- 4-feed transport.
- Electronic Pullersystem.
- Webbed-foot technology.
- 3-feed synchronisation to conveyor, which we also offer in the SYNCHROMATIC CLASSIC and SAM series.
- Quick changer holder on linear guide.

Compare the result!

You require:

- Reduction in costs.
- Flexibility.
- Improved quality of the sewing result.
- Excellent quality of the hem by inexperienced operatives.

We offer:

- Up to 50% time saving
- Excellent sewing quality by a continuous sewing process.
- Very easy to learn – use our training center.
- Changing of sewing heads/stations is a matter of seconds.



Hemming tool - for double folded seams

Tool for für 10, 20, 25, 50 mm hem width, other widths on request.

Artikel-Nr.	Ausstattung
588.330.1003	10 mm hemmer „feag type“
588.330.20.4	20 mm hemmer 4x2 mm
588.330.20.6	20 mm hemmer 6x3 mm
588.330.2503	25 mm hemmer 3x1,5 mm
588.330.3003	30 mm hemmer 3x1,5 mm
588.330.3004	30 mm hemmer 4x25 mm
588.330.5003	50 mm hemmer – 2 Zoll
588.330.60	60 mm hemmer
588.330.100S	100 mm hemmer 3x1,5 mm
588.330.100D	100 mm hemmer – 4-6 mm
588.330.1009	100 mm hemmer – 9 mm
588.330.1202	2x1 mm hemmer thin – 120 mm

Other sizes up to 200mm or air operated are also available.

588.330.10S	10 mm hemmer for extra fine material NA 23, SU 2x1
588.330.10	10 mm hemmer, 3x1,5
588.330.12	12 mm hemmer, 3x1,5
588.330.15V	15 mm Full hem foldable for medium-thick fabrics, 3x1.5
588.330.20	20 mm hemmer feinste Ware, 3x1,5
588.330.20 D	20 mm hemmer für starke Ware, NA 23 4x2
588.330.20S	20 mm hemmer, feine Ware, NA 2200 2x1
588.230.25	25 mm hemmer, NA 23, 3x1,5
588.330.25S	25 mm hemmer, superfein, klappbar, NA 23, NA 23, 25, 2x1
588.330.40	40 mm hemmer klappbar, 3x1,5
588.330.50V	50 mm hemmer klappbar, 3x1,5
588.330.60 S	60 mm hemmer medium, NA 23, NA 23 SA, 3x1,5
588.330.1006	100 mm Full hem foldable for fine fabrics, 3x1.5are, 100 mm, 3x1,5
588330100	100 mm hemmer foldable, strong goods, 4x2
588230	3-part device holder, NA 23
588.331.20	25 mm transfer 3-part device holder, Standard

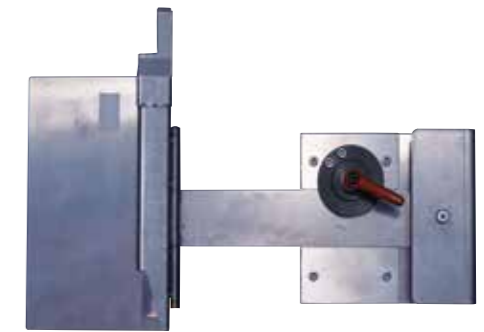
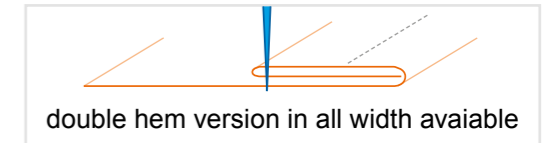
Hemmer – double folding

Standard equipment:

Each SYNCHROMATIC comes with a sewing tool at no extra cost:

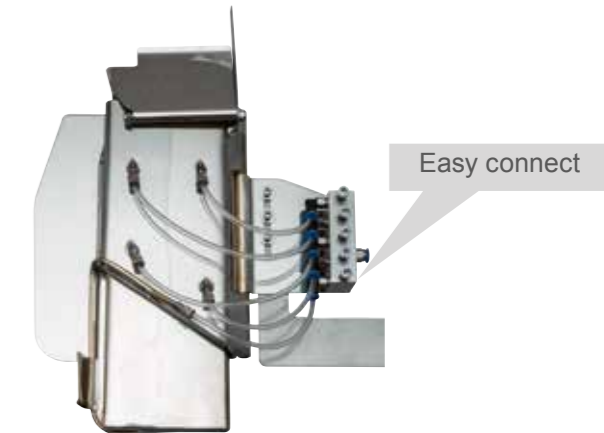
(except compressed air operation)

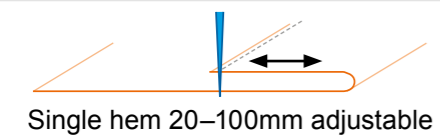
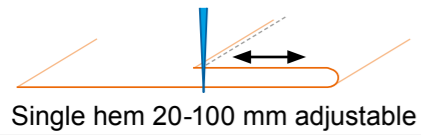
- Sewing hems of different widths, double see table on page 62.



The fastest tool for wide hems with compressed air

Art. No.:	Equipment
588.330.100S	Width 100 mm, double hem with blower for quick insertion of the fabric, on quick-change holder with magnet system
588.330.120S	Width 120 mm ditto





Turning Tool single hems

Art. No.:	Equipment
588.331..	Hemming tool made for you ... mm
588.331.70	Turnovers 70mm, Falzwerkzeug 20mm
588.331.50	Turnovers 50mm
588.331.40	Turnovers 40mm
588.331.25K8	Turnovers 25mm mit Stangen/Kedereinlage 8mm
588.331.20.6	Turnovers 20mm mit Stangen/Kedereinlage 6mm
588.331.20	Turnovers 20mm
588.331.12	Turnovers to quick-change holder 12mm
588.331.10	Turnovers to quick-change holder 10mm

Multi-flexibly adjustable for hems up to 100 mm – on swivel brackets – easy to feed – a special IMPULSA design!

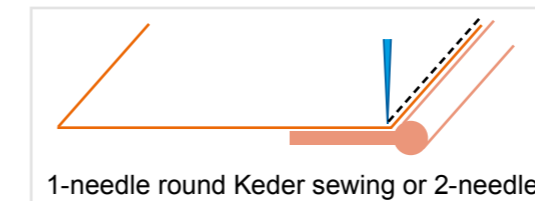
Art. No.:	Equipment
588.331.120	Turnovers for hems, verstellbar 20-100 mm
588.331.2-10	Umleger 20-100 mm, schwere Materialien

PVC Sewing tool

Art.No.:	Equipment
588.331.40P	40mm single hemmer
588.331.50P	50mm single hemmer
588.331.25P	25mm single hemmer

Ribbon binder - flag processing

Art. No.:	Equipment
	Entrance width ... mm and final width ... mm Production in all sizes possible!
588.331.BT..	Tape binding device ... mm according to customer requirements
6.F50-25x1.8	Binding 50>2mm
6.F80-40	Binding 80>40mm
6.F100x50	Binding 100>50mm
6.F120>60	Binding 120>60mm
6.F134>67	Binding 134>67mm

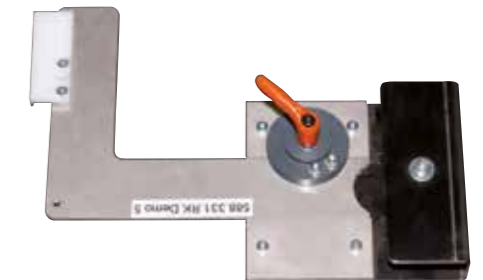
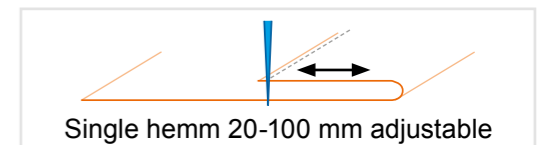
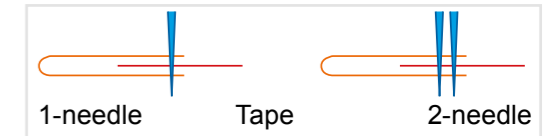
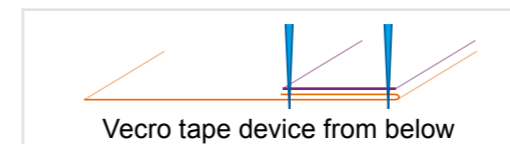


Round Keder sewing device

Art.-No.	Equipment
588.331.RK	Round Keder sewing device
588.331.RK15	Round Keder sewing device

Velcro tape guide adjustable from below

Art.-No.	Equipment
588.331.FB	Velcro tape device on folded single hem 25mm
588.331.FB50	Velcro tape device 50mm on folded fabric



Art.No.:	Equipment
5.NA250-BST	SYNCHROMATIC - ECO - NA 250 - Conveyor belt 2,5m, for light 100 gr. To heavy 250 gr. Materials - 1-needle blind stitch sewing head 101
5.NA4070-BST	SYNCHROMATIC NA 400 - Conveyor belt 4m, for light 80 gr. To heavy 500 gr. Materials - for light 100 gr. to heavy 250 gr. materials - 1-needle blind stitch sewing head
5.NA4070BSTS	SYNCHROMATIC - NA 400 conveyor belt 4 m, extra wide, from the needle to the opposite edge 1m, for light 100 gr. to heavy 250 gr. materials - 1-needle blind stitch sewing head MAIER or STROBEL
5.NA4010BSTS	SYNCHROMATIC - NA 400 conveyor belt 4 m, extra wide, from the needle to the opposite edge 1m, for light 100 gr. to heavy 250 gr. materials - 1-needle blind stitch sewing head MAIER or STROBEL
5.NA5070-BSTM	SYNCHROMATIC - NA 500 Conveyor belt 5 m, for light 100 gr. To heavy 250 gr. Materials - 1-needle blind stitch sewing head
5.NA5010-BSTM	SYNCHROMATIC - NA 500 conveyor belt 5 m, for light 100 gr. To heavy 250 gr. Materials - 1-needle blind stitch sewing head
5.NA6070BSTM	SYNCHROMATIC NA600 Conveyor 6 m, for light 100 gr. To heavy 250 gr. Materials - 1-needle blind stitch sewing head
5.NA6010BSTM	SYNCHROMATIC - NA 600 conveyor belt 6 m, extra wide, from the needle to the opposite edge 1m, for light 100 gr. to heavy 250 gr. materials - 1-needle blind stitch sewing head
5.NA8070BSTM	conveyor belt 8m, other lengths on request
5.NA300-XX	with delivered sewing head without Efka / with Efka 2,5m - wider conveyor on request.
6. PK	Top roller transport system - PULLER
.....	Apparatus see page 64
.....	Mouse assemblies see page 76
.....	Multiflex device for replacement with other sewing stations within one minute, see page 76
5.2300 TL	Kick Pedal zus zum Ergo Pedal (blau) zum Nähen mit voreingestellter Geschwindigkeit - mit noch besserer Ergonomie

Other sizes available at any time - almost every sewing head can be synchronized - thanks to the open synchronization system.

IMPULSA – the pioneers

We would like to point out the minimal maintenance costs!



Blind stitch

Lockstitch and blindstitch are two completely different stitch types. Blindstitch is based on the chainstitch principle and has different stitch lengths and thread tensions.

Therefore, other speeds must be driven.

This means that the Synchronomatic achieves maximum flexibility and that is exactly what is needed!

So far, the impression has emerged that many fabricators and manufacturers avoid the blindstitch area, since they fear more processing problems than in the lockstitch process.

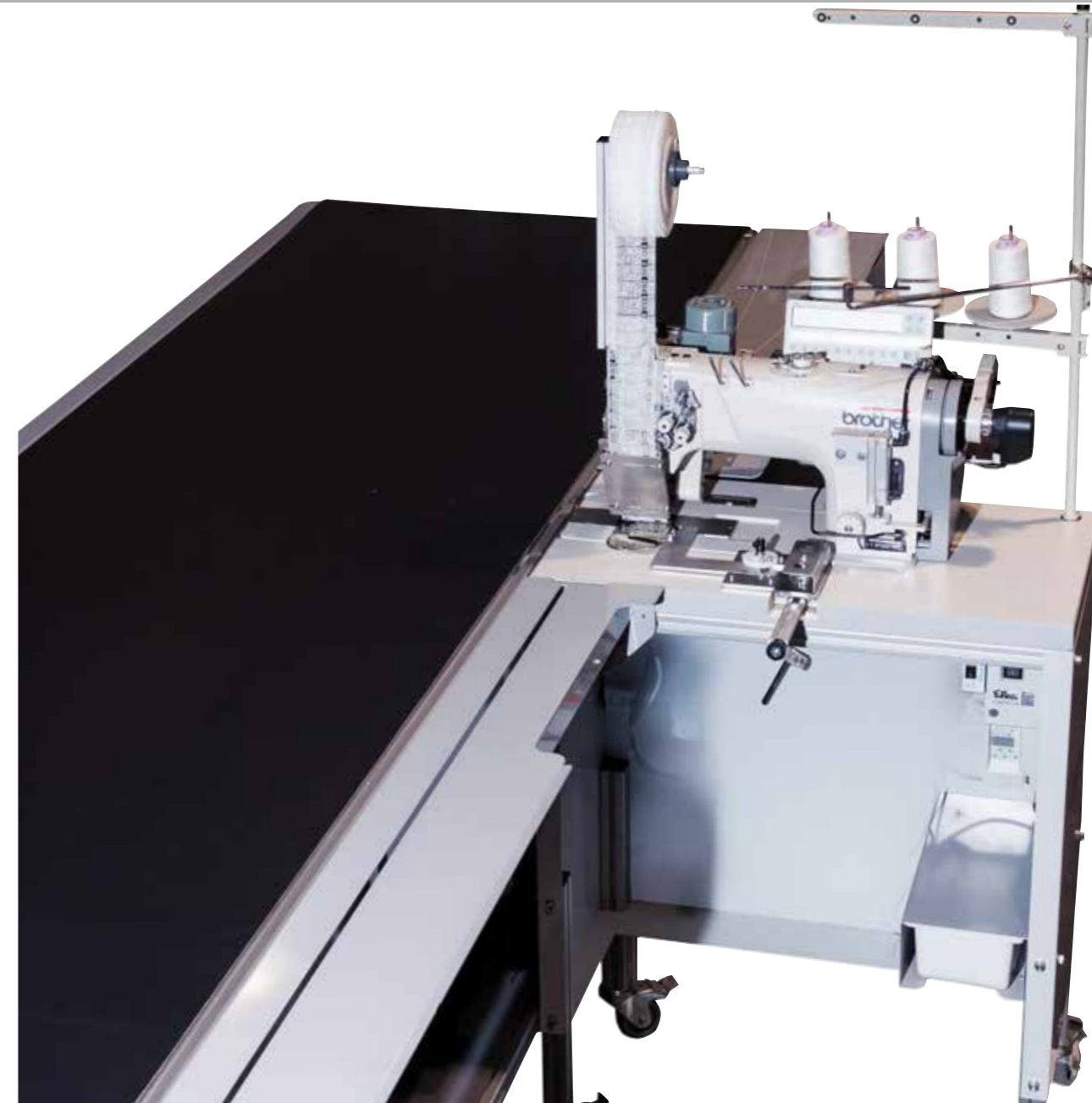
However, a blind stitched seam looks high quality and with it you can stand out in the competition. With our Synchronomatic you can do this very easily and at a higher sewing speed than in the lockstitch method.

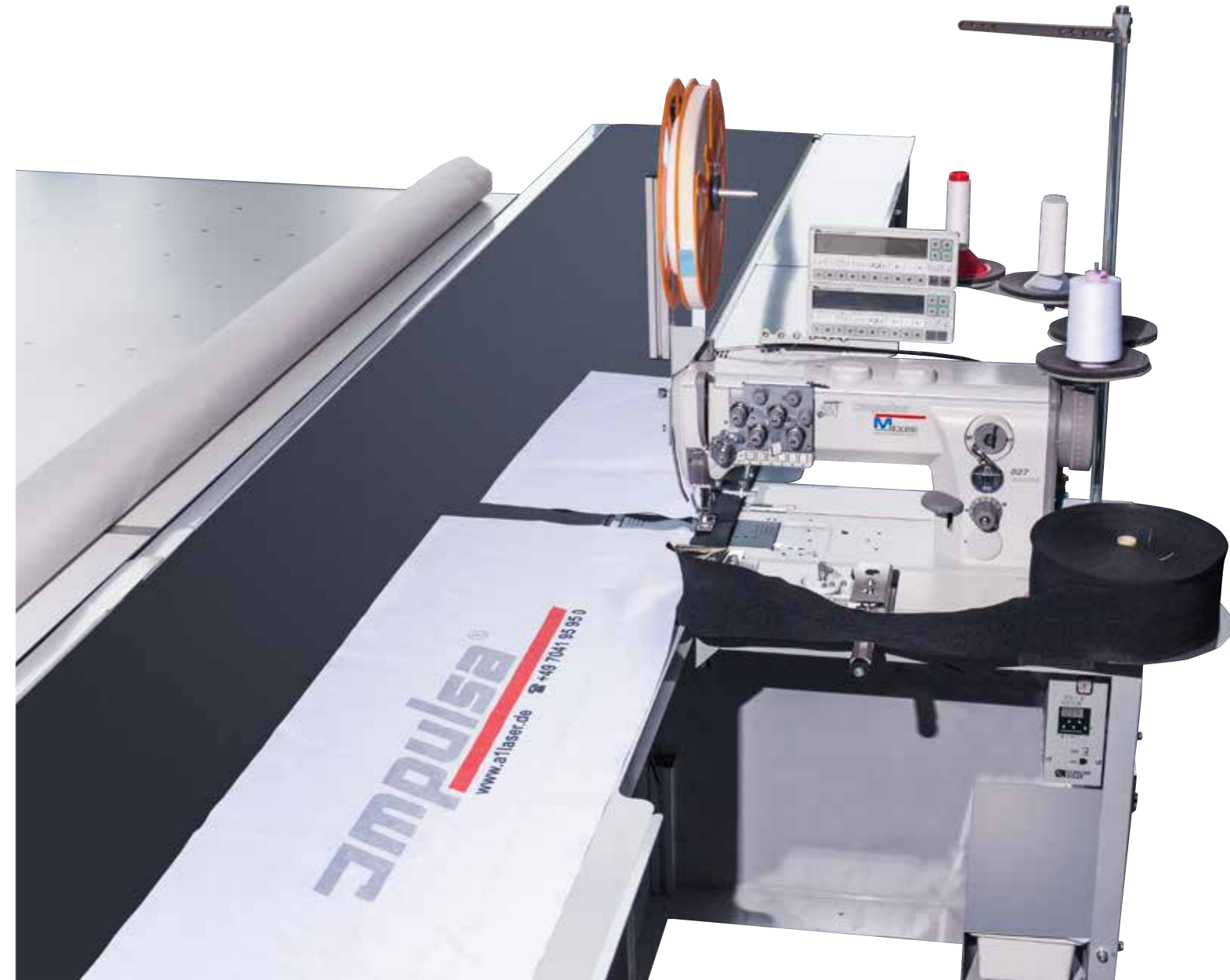
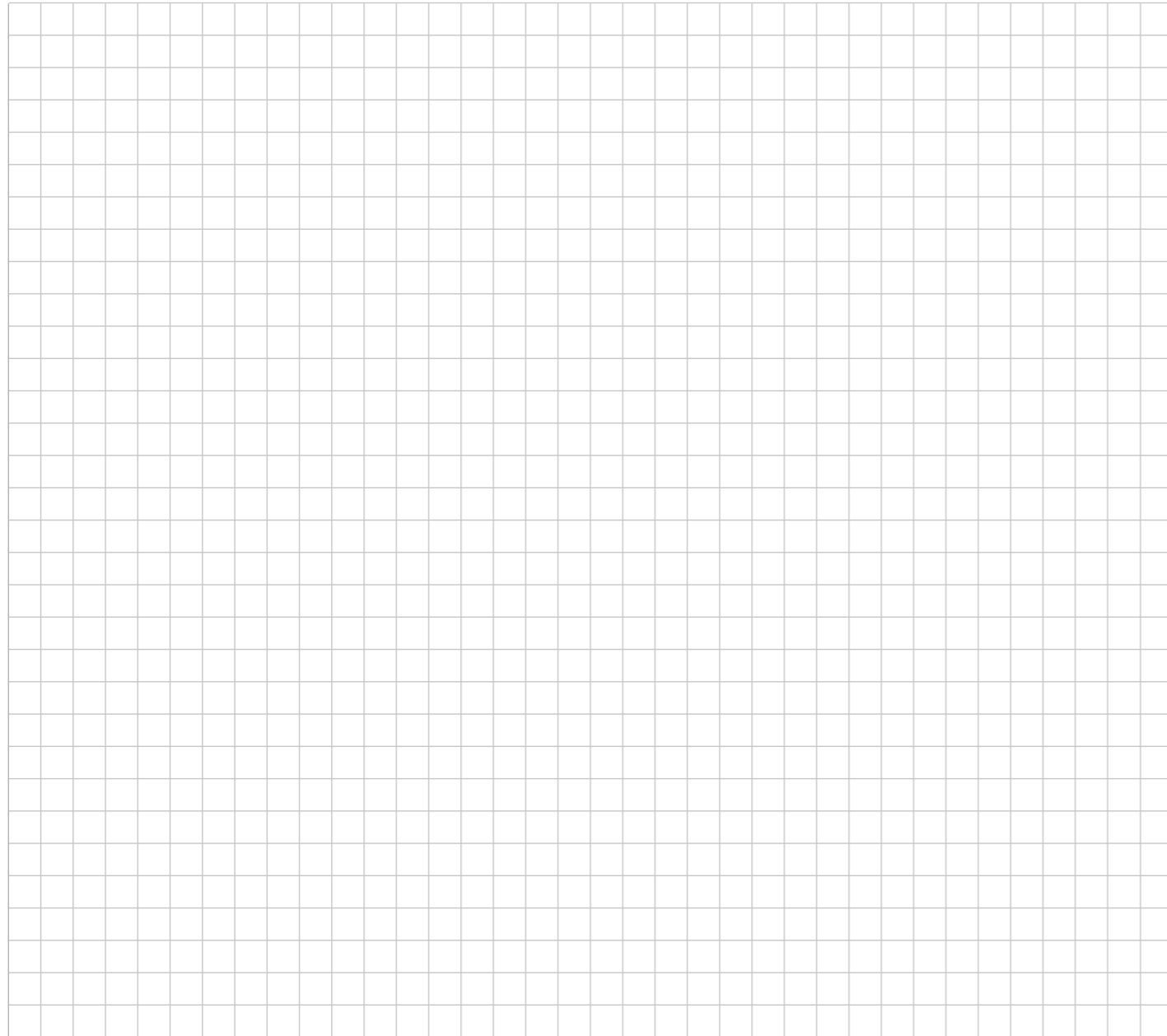
Art.No.:	Equipment
5.NA250-2N45	SYNCHROMATIC - ECO - NA 250 - conveyor belt 2,5m extra wide, from the needle to the opposite edge 1m, for light 100 gr. to heavy 500 gr. materials - 2-needle lockstitch sewing head o.F.A. for 50mm tapes
5.NA400-2N45	SYNCHROMATIC NA 400 - conveyor belt 4m, for light 80 gr. To heavy 500 gr. Materials - 2-needle lockstitch sewing head o.F.A.
5.NA400-2N65	SYNCHROMATIC NA 400 conveyor belt 4 m, extra wide, from the needle to the opposite edge 1m, for light 100 gr. to heavy 500 gr. materials - 2-needle lockstitch sewing head o.F.A. for 70mm tapes
5.NA408-2N45	SYNCHROMATIC NA 400 conveyor belt 4 m, for light 100 gr. To heavy 500 gr. Materials - 2-needle lockstitch sewing head with thread trimmer
5.NA408-2N68	SYNCHROMATIC - NA 400 - 68 - 2N
5.NA5010-2N45	SYNCHROMATIC - NA 500 conveyor belt 5 m, for light 100 gr. To heavy 550 gr. Materials - 2-needle lockstitch sewing head o.F.A.
5.NA5070.2N45	SYNCHROMATIC - NA 500 conveyor belt 5 m, for light 100 gr. To heavy 550 gr. Materials - 2-needle lockstitch sewing head o.F.A.
5.NA6010.2N	SYNCHROMATIC - NA 600 conveyor belt 6 m, for light 100gr. to heavy 550 gr. Materials - 2-needle lockstitch sewing head o.F.A.
5.NA8070-xxx	Conveyor belt 8m, other lengths on request
5.NA300-xx	With delivered sewing head without Efka / with Efka
6. PK	Top roller transport system - PULLER
588.331.120 or 588.331.2-10	Folding apparatus see page 64
50.99111	Tape unwinder
50.99120	Tape guide adjustable up to 73mm
.....	Mouse assemblies see page 68
.....	Multiflex device for replacement with other sewing stations within one minute, see page 66
5.2300 TL	Kick pedal in addition to Ergo pedal (blue) for sewing at preset speed - with even better ergonomics.

Other sizes available at any time - almost every sewing head can be synchronized - thanks to the open synchronization system.

IMPULSA – die Pioneers

We would like to point out the minimal maintenance costs!





Chainstitchstation

For this work cycle preferably a 2-needle 4-thread chainstitch sewing head or a 2-needle 5-thread sewing head is used, both with lateral fabric trimming knife at their disposal.

■ Panels are sewn together.

■ Stiff tapes are sewn on

Our solution:

Simply change and here we go.

There is also a synchronized mouse for holding the webs of cloth lying on top of each other. In the accessory we offer additionally a laser line which shows the seam line to be sewn first.

The speed of the tape is perfectly synchronized with the stepping motor technic and the control system.

This is just available by us!

Especially, we like to draw your attention to the very low maintenance charges!

The sewing automation 2300+ will be delivered with sewing heads of Pegasus, with or without puller system or edge guidance.

For technical advice, ask us!

Art. No.:	Equipment
5.NA2570-O	SYNCHROMATIC – ECO – NA 250 – conveyor belt 2,2m, for light 80 gr. To heavy 500 gr. Materials – 2-needle sewing head with 2-fold transport optionally 3, 4 oder 5-thread
5.NA2510-O	SYNCHROMATIC – ECO – NA 250 – conveyor belt 2,2m extra wide, from needle to the opposite edge 1m, for light 80 gr. to heavy 500 gr. Materials – 2-needle sewing head with 2-fold transport optionally 3, 4 oder 5-thread
5.NA4070-O	SYNCHROMATIC NA 400 – conveyor belt 4m, for light 80 gr. to heavy 500 gr. Materials – 2-needle sewing head with 2-fold transport optionally 3, 4 oder 5-thread
5.NA4010-O	SYNCHROMATIC - NA 400 conveyor belt 4 m, extra wide, from needle to the opposite edge 1m, 2-needle sewing head with 2-fold transport optionally 3, 4 oder 5-thread
5.NA5010-O	SYNCHROMATIC - NA 400 conveyor belt 5 m, extra wide, from needle to the opposite edge 1m, 2-needle sewing head with 2-fold transport optionally 3, 4 oder 5-thread
5.NA300-XX	With supplied sewing head without Efka / with Efka
6. PS/PL/PL-50	Different roller conveyor systems – PULLER
.....	Apparatus see page 64
.....	Mouse assemblies see page 76
.....	Multiflex device for replacement with other sewing stations within one minute, see page 76
5.2300 TL	kick pedal in addition to the Ergo pedal (blue) for sewing at a preset speed - with even better ergonomics.



5.Multiflex -

Use different sewing stations at one work station.

The sewing stations are changed by the operator in one minute. Whether you chose chain stitching or tape sewing - the system is intelligent enough to recognize what has been docked - It's that easy!



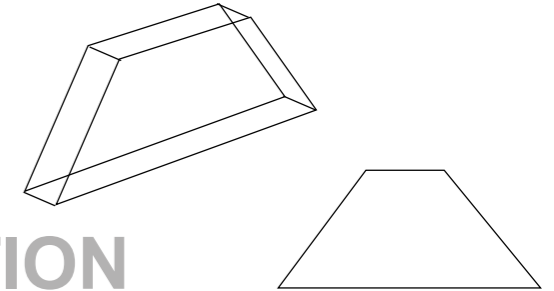
The process runs automatically with 590.429.4 or ATAS.17.

All the described functions are, of course, individually and manually selectable. If an error occurs in the sewing process, the operator can stop the system in any sewing position by means of a laterally extending pull cord, correct it and re-sew.

The seams are very easy and fast to manufacture with high seam quality.

SAM

SEAM AUTOMATIC MOTION



Created to reach autonomous sewing.
SAM is the next step.

- just place the material to be sewn on the conveyor
- feed easily into the sewing tool e.g. to sew SEG “Keder”
- start the “kick pedal” – unique only by Impulsa
- SAM is landing on the material – starting and guiding continuous sewing
- you may use SAM with or without ATAS
- machine detects material end and does all operations until automatic thread trimming
- SAM is taking off

In 2021 we are near to autonomous sewing

SAM free hand sewing on each Synchronomatic to order:

Art.no.	Equipment
5.TTFEED	SAM
	complete set to add on each synchronomatic

Art. No.:	Equipment
5. Multiflex	High-end solution for the exchange of different sewing stations during 1 minute!
5. Multiflex2	Change system from 274 to 2-needle

Art. No.:
5.23.CD

We have a “MOUSE” technique, see image on the right. With a needle fixation device you clamp the fabric at the left seam end - this is a safe variant. I.e. sewing right side with flat pedal - go to the left and pinch the left seam with the mouse and start sewing from left side.

SYNCHROMATIC VERSION 4.0 (four-point-zero)

System delivered with PC and touchscreen XXL 15" based on Win 10 – connection to your Wlan.

Each operator can be connected with a RFID to the system so the production data is produced in real time.

Impulsa can read your parameters on the machine and also be able to change for service.

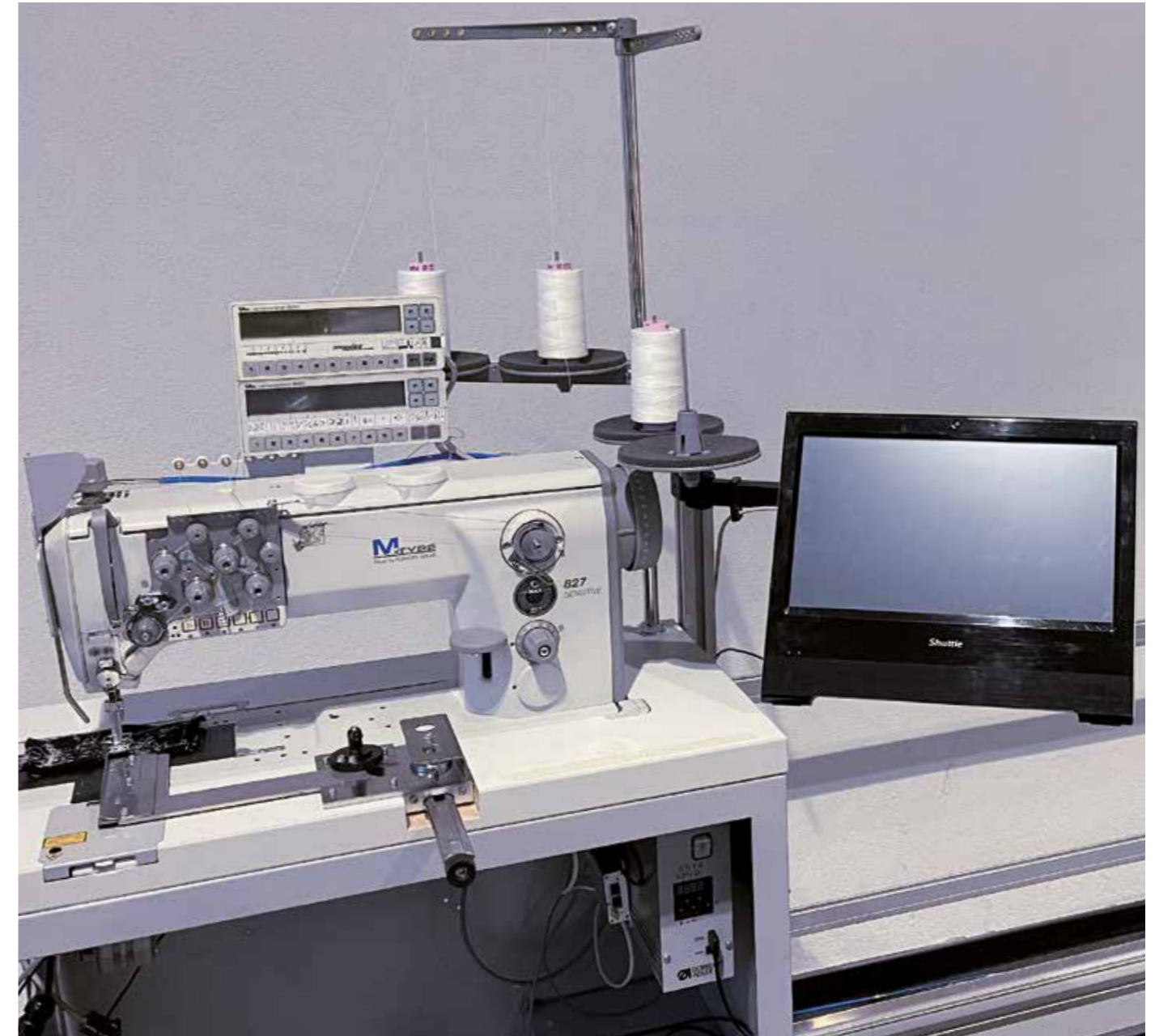
- Customer user dashboards as needed with all relevant information at a glance
- Integrated real -time monitoring and reporting
- Integrated quality control
- Increased machine performance with analysis of real time data
- Preventative and Predictive maintenance intervals to customise and manage service schedules per machine
- Automatic Spare Parts requests
- Service call messages, easily handle support calls for service
- Full production control of all machine settings, change, store and retrieve standard machine settings
- Best possible technical support by remote and direct access

- Monitoring of manipulations and malfunctions
- Configure optimal production line set up based on historical data
- Set adjustable piece counters and review technical documentation
- Receive and respond to expected or unexpected requests or production information

System provides specific dashboards for sewing operators, technicians, supervisors, and managers.

Runs on tablets, and /or desktop PC.

Art.no.	Equipment
581.5000004	System 4.0 first system including PC, touch screen
581.5000001	System 4.0 additional system including PC and 2 tablets
581.5000003	System 4.0 additional system including PC and 1 tablets





**High performance sewing –
patented vacuum technic –
sewing pattern matching!**

Sewing automation 2100+

Automatic high-power sewing design for sewing curtains together. The patented vacuum technologies redress the problem of the thrust. Synchronized sewing for smooth and thrust free sewing of different webs of cloth which are lying on the top of each other on the sewing table and absolutely fixed by a totally new vacuum technology. The sewing head runs along the cloth. This is the high end quality sewing of pattern matching.

A deflection-free sewing result is possible. The design is made for light as well as heavy fabrics and gives the highest productivity possible. The sewing time for one seam depends on the fabric between minimum 15 sec. maximum 35 sec. based on 3m. Gives the highest

productivity possible. The sewing time for one seam depends on the fabric between minimum 15 sec. maximum 35 sec. based on 3m.

Technical Data:

230 V AC or 400 V RC and high air pressure necessary.
Size: 505 cm length x 1,20 cm large.
Sewing length : 420 cm. On request other sizes.
Performance: Up to 80 webs/hr.

Easy Operation

Very easy to operate, traditional sewing skills are not required and new staff can be introduced easily. The machine controls 100% the sewing quality. The distinct dashboard makes for an easy activation of all functions possible.

Art. No.:	Equipment
5.2100.4	Patternmatching sewing lengths 320cm
5.2100.5	Patternmatching sewing length 420cm

Technical datas required: 5 bar - 230/400V 16A. Do not hesitate to ask for other sewing lengths.



Display upper part for sewing head
Lower part Control board with emergency stop



Brackets right with brake
Control board bracket L / R / brake



Control board
bracket L / R / brake

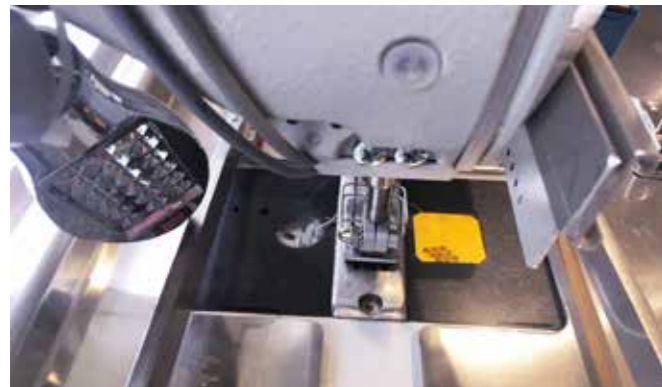


Fig. closed field next to presser foot



Fig. open fields for changing the bobbin

Art. No.:	Equipment
5.22.5.767	Sewing station DA 767 2-needles 5 m seam length
5.22+7.5-827	Sewing station DA 827 2-needles 7,5 m seam length
5.NA22+9-827	Sewing station DA 827 2-needles 9 m seam length
5.22.10.827	Sewing station DA 827 2-needles 10 m seam length
5.22.12.827	Sewing station DA 827 triple feed - 12 m seam length

Do not hesitate to ask for other sewing lengths. Sewing length is 1 m less than the total length
5 bar - 230/400V, 16A

Sewing Automation 2200+

Automatic computer controlled high-power sewing automation for hemming side seams as well as union seams.



The sewing automation corresponds in all main components, this means driver, control system, vacuum technic, the sewing automation 2100+. The 2200+ is equipped with a high-speed sewing head from any brand which does fits to your needs.

COMPACT DESIGN

Extremely favourable are the measurements of the automation: from 330 cm length of seam /sewing performance with a total length of only 425 cm (width: 100 cm) available up to every requested measurement. Longest built machine up to 2004 was 18,5 m.

FAVOURABLE AND EASY MAINTENANCE

The sturdy built machine is running constantly smooth. Less maintenance charges than by a normal sewing machine.

ACCESSORIES

Different side-hem-apparatus can be delivered as accessories in the desired widths. Easy to change by a quick mover.

- Made in Germany
- Highly sophisticated synchronisation for all lengths
- Available to operate either from right or left side
- Quick changer for sewing tools

Automatic sewing station with moving sewing head, for seaming together, seaming and sewing in of PVC pipings – without trained staff.

For acrylic and PVC coated fabrics

Save space

- take the advantages of a moving sewing head.
- less static charge.

Perfect synchronization guarantees sewing together of fabrics for highest aesthetic demands.

Features:

Effective seam lengths from 4 to 20 m possible.

Sewing head double lock stitch: 1 needle or 2 needles.

Operator works from right to left.

This position allows clear and faster working esp. with sewing preparation – compared to competitive machines.



SERVO engines

- Display for entering the parameters.
- Perfect synchronization.
- Stable construction.
- Clamps for holding of the material on the right side.
- Clamps with tension device on the left side, moveable with brake.
- Sewing can be started directly after clamping.
- Control panel with display
- Information about thread consumption on request. (also with audible alarm)
- Seam device can be delivered in different sizes, one is included in delivery.
- Butterfly apparatus for binding of lengths of cloth.
- Quick change systems of the leads, pneumatic.

- Sewing head double lock stitch preferably Kl. 867 - 1767 on request each model usable.
- End of fabric detection with sensor
- Automatic lubing
- Extra size claws, 70% more capacity than conventional claws
- Autom. thread cutter, foot ventilation and locking.
- Lighting of sewing area with energy saving LEDs.
- Coiling device on request: The parts can be delivered coiled to the next working step. The coiling device is driven with 2 synchronous driven tools on right and left side and can also be positioned with a photo cell on request.



**12 Meter Tisch mit beweglichem Nähkopf
12 meter table with moving sewing head**

**Sewing automation – movable head for union seams – side seams and sewing of pipes.
With patented! vacuum technology for long sewing operations until 20 m.**

- Automatic stretching device
- Control of the thread on the bobbin
- The machine detects the end of the material by sensor
- Quick change sewing tools
- Automatic backtack stitching at the beginning and end of the seam
- Sewing speed easy to adjust
- Standard length 6 m (effectively 5 m).
- Modular construction up to 20m possible
- Sewing head cl. 867, triple feed with spacy arm 335 mm or any other brand.
- Aut. lubrication system - LED lubrication control.
- Aut. thread trimmer
- Footlifter
- Backtack



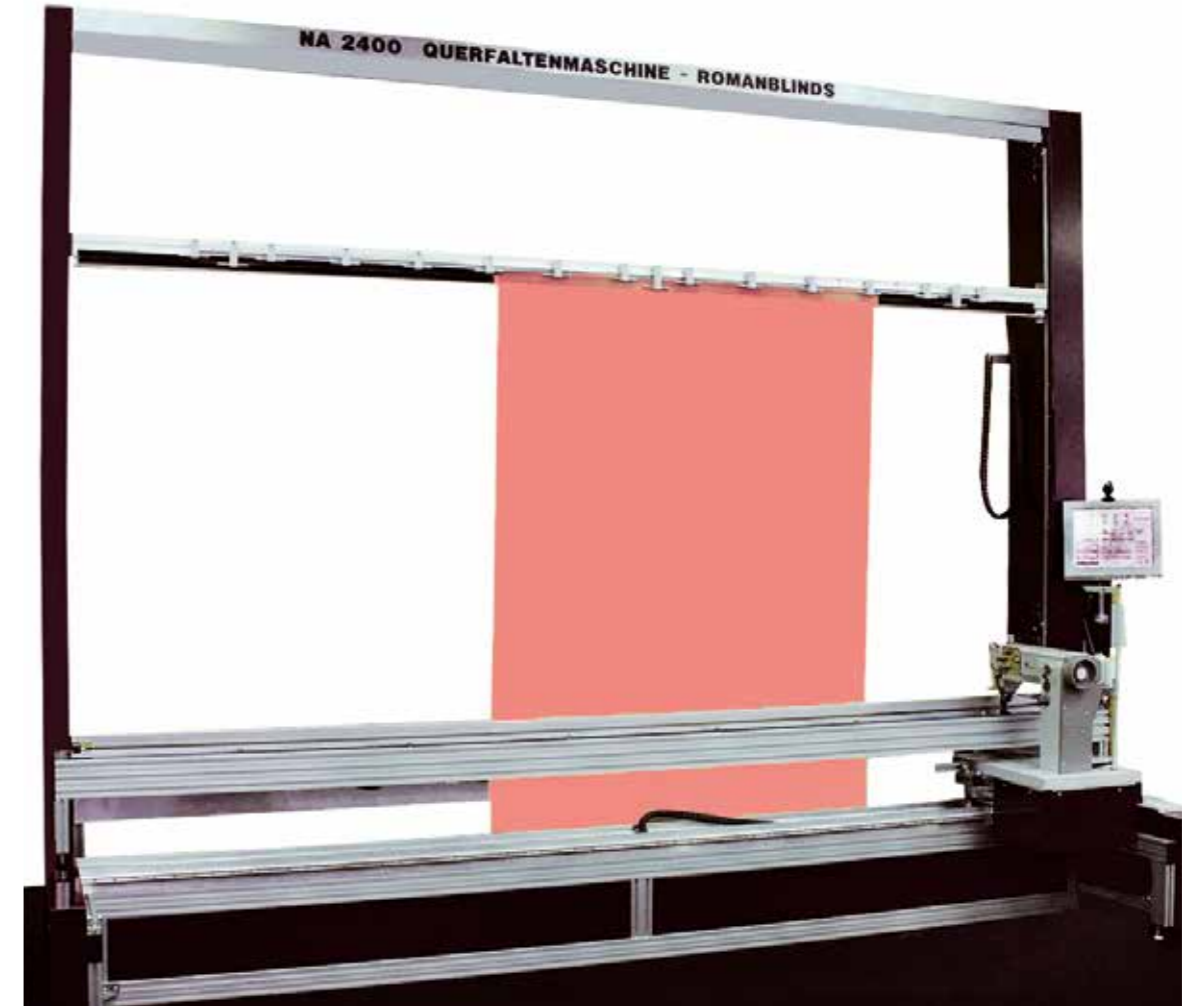
SYNCHROMATIC QFM – Roman pleats can be sewed with this sewing synchronisation.

Function:

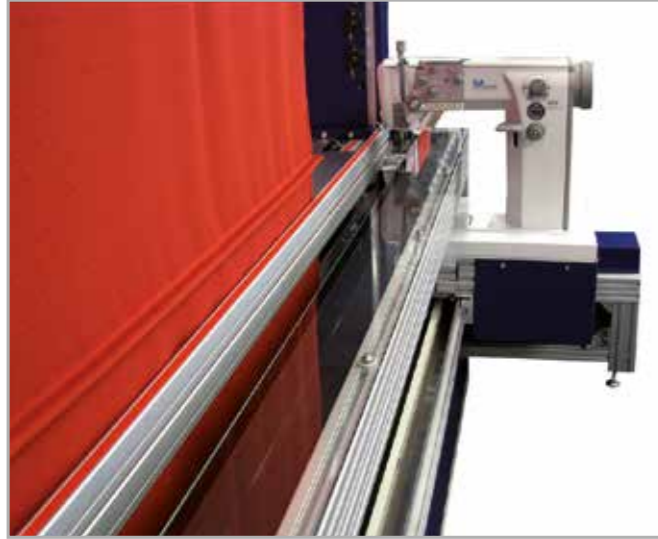
First of all adjust the parallelism between the guide plate and the needle, on the provided measuring tape. (1)

According to the length of the fabric, block the clamp (2).

The tissue will be positioned beneath the conduct bar and signed through an indication, on the left and on the right. After that, just align the fabric and lay it upon the guide. Now you can start sewing.



Art. No.:	Equipment
588.330.QF10	ACC Set for sewing roman pleats



Glass surface allows visibility to the fold

Sewing of roman pleats 5.2400 QFM

The fabric will be simply clamped or feeded.
The software based on a PC is calculating the distances from pleat to pleat.

Pleats from 10 to 100 mm.

- The distances can also be entered manually on the touch screen TFT.
- It is sewn while hanging, where the fabric has a sliding and
Clamping device regarding fold depthm isfixed pneumatically.
- The sewing head runs from right to left and runs back from left to right while the hanging fabric is already going to the next position.



Touchscreen

Art. No.:	Equipment
5.2400.QFM	Sewing automation 2400+
5.2400.QFM01	Marking device
3.111 Q	Extra charge each 50 cm width
3.110.1	Extra charge hight > 4 m
3.600.TC	Touchscreen
388.425.MS	Microsoft Licence
61.303 Q	Cutting unit
3.600.CHECK	Remote control with webcam

DKNA

Art-Nr. 5.2500.DKNA

The machine is equipped here with two chain-stitch heads running on the right and left.
Both machine heads can be moved to the left or to the right with quick adjustments bar, i.e. they can be quickly adjusted to existing the fabric widths of at least 400 mm and max. 2000 mm.

The sewing units can also be equipped with other sewing heads, especially for your needs.

The unwinding of the fabric rolls is available in different versions depending on the fabric width, roll thickness and weight.
Accordingly, autom. Edge control and/or side trimming offered.

Available hem widths are (right and left as well as turned up and down): 6, 8, 10, 15, 20, 25, 30, etc.

Application areas:
table linen, curtains etc.



Save
more than
50%
time!

Automatic cutting without stop while sewing saves 50% and more time!

How to use the ATAS:

- Just place the material to be sewn on the conveyor.
- Feed easily into the sewing tool e.g. to sew SEG "Keder".
- Start either with the regular pedal or use the longitudinal "kick pedal" – unique only by Impulsa, patent pending – for sewing controlled and continuously in any speed for beginners or specialists (easy to insert at the display).
- Fabric is running continuously and synchronised through the sewing head.
- Do not forget:
ATAS cuts during the sewing process without stop!
- Machine detects material end and does the reverse stitching at the end as well as automatic thread trimming.
- The SEG Keder will be presented automatically to the needle while the conveyor returns the fabric for the next operation.
- No tiny cutting tool in front of the sewing foot. The machine provides an excellent and heavy cutting "guillotine" inside – no changing of blades necessary.
- ATAS works in series with a twin step motor technology driving the SEG "Keder" transport instead of only one motor. This is unique on the market.
- We sew faster! **This is really ultimate!**

2 needle double stitch
or 1-needle

Chain stitch "Serges"

Sewing SEG Keder with automatic cutting – ATAS

Highly performing dancing system to use 200 m rolls instead of 100 m.
Fully automatic supply of the keder to the needle after automatic cutting.
Patent pending.

■ MADE IN GERMANY



Synchromatic ATAS

Unbeaten and unreached performance in SEG or PVC “Keder” manufacturing with automatic cutting during the sewing process without stop:

- Or how to make a perfect keder.
- Frames are sold in an existing size. So you need a perfect and precise cutting as well as a sewing procedure which does not change the size needed.
- It is very important that the unwinding of the “Keder” does not stress the “Keder” – any tension influences the result on sewing.
- Especially on big rolls – if you cannot manage to prevent stress of the tape between unwinding and sewing, you won't be successful, even the best sewing head won't help.
- So we created different unwinding technologies either with or without “dancing systems” – for silicon rubber tapes as well as for PVC – for small 50 m up to 200 m – for rolls with bobbin inside or for the open system without.
- Some “Keder” glue together, others do not. Now we have got a solution for all: **ATAS**.

ATA Motorised Driven System:

- Dancing systems to feed the “Keder” stress free.

ATAS NEW! Automatic cutting!

2 Dancing systems to handle the SEG Keder stress-free. First, the SEG Keder is pulled off into a relaxation loop, then brought in a sensor-controlled second loop by the 2nd stepper motor, which stores “relaxed, stress-free” SEG Keder for the sewing process and the exact cut.

- The **ATA** version is the basis for the patent-pending system for auto-cutting during sewing **ATAS**. Only this system guarantees exact cutting in the mm range, corners remain free.

Flexibility – newly developed sewing spring

- There are different “keder” on the market - you can use different keders as well during the lifetime of the machine. Use the “Keder Brake” for different tensions.
- You return the material for the next operation - automatically the keder runs to the needle meanwhile - so you are ready to sew.
- You program the size of the free corner according to the customer's wishes or according to the elasticity of the keder.
- Automatic locking and thread trimming.
- Up to 15 m per minute sewing speed.
- You can use any kind of SEG or PVC keder.
- Excellent price-performance ratio.
- High productivity - so we need needle cooling to avoid that the thread is burning and breaking!



**1936**

The first patent for an electric steam iron belonged to the pioneer Willy Jaeger ...

1945

The Ehrlich & Jaeger steam iron factory was founded ...

1960

Siegfried Jaeger developed the first irons with continuous water ...

1965

first iron with steam ...

... it all started ...

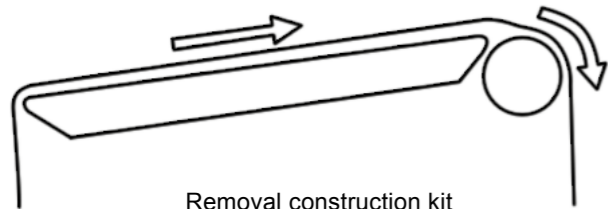
... Today, the boiler-iron principle represents another unique selling point, because curtain ironing stations need long hoses, in which up to 1/8 l condensate can form, especially during ironing breaks, which can lead to water stains in all market companions at low temperatures.

- 1. Unique selling point today:** The atomic boiler iron guarantees pure steam without water drops even at the lowest level of about 145 °C and cold hose system up to 6 meters.
- 2. Unique feature:** Steam generators of the Vulcan series with horizontal steam generators have the highest energy efficiency on the market, and no one saves more energy.
- 3. Unique feature:** Motomat ironing board with fabric transport: The patented construction saves up to 52% of the time.

Nobody offers more!

STUDIO LINE

- Extremely strong aspiration.
- Inclined ironing surface, anti rust.
- Cloth collection troughs at the front and rear.
- 2. Overhead Iron Support Rail - avoiding hoses and connecting cable in operators face, safety and efficiency is improved.
- S - POR Padding - blue - cold suction.
- Optional heated ironing surface 30 - 110°C with super - padding, no molton or felt!
- Used air filter, sound reducing and clean exhaust air.



Removal construction kit

Special equipment:

Removal feed to the back, deliverable for all STUDIO + FUTURA LINE ironing stations. As an opposite the ironing station „MOTOMAT“ one can't iron while the feeding runs, otherwise it will block up. Also back feeding for folding together is impossible with this equipment. This construction, however, is for rational use by ironing.

FUTURA LINE

- Extremely strong aspiration.
- Inclined ironing surface, anti rust.
- Cloth collection troughs at the front and rear.
- 2. Overhead Iron Support Rail - avoiding hoses and connecting cable in operators face, safety and efficiency is improved.
- Optional heated ironing surface 30 - 110°C with super - padding, no molton or felt!
- For choosing: „B“ - version with blow construction for velvet but also for easy and deflection-free feeding of the „decos“.
- Light barrier for aspiration
- Floor-board for bubbles.
- For choosing: „T“ - version - timer for automatic aspiration after the ironing procedure.
- Descending air current chimney with air filter used, sound reducing and clean exhaust air.

Impulsa vacuum ironing boards represent 75 years of experience!

Master-class schools, Curtain studios, Interior decorator companies, Department stores - decide in favour for us.

Our standard ironing stations are always one step ahead!

- STUDIO LINE** - with inclined ironing surface
- FUTURA LINE** - with inclined ironing surface
- MOTOMAT** - with inclined ironing surface
- COMBI LINE** - with straighten ironing surface

Because of the variety of requirements of different operational sizes - we have intensively carried out our development and set a new standard with the following devices for optimizing the ironing technic in all operational sizes.



STUDIO LINE

For the 70th anniversary the STUDIO LINE Series was revised.

- Light barrier instead of floor board
- Suction device for „freezing the ironing result
- Silent runner soaring device ergonomic
- The finest workplace will get your status as best curtains ironing table

The second launching tube

The iron is supported by the overhead tube at the front. The adjustable balancer is available in quantity - according to the boiler iron we do not need costly the thermal- irradiated condensate bridge. Steam tube + cable of the iron soar behind the 2. piece floating suspension tube - this supplies the best steam, lowest energy consumption and an ideal working place design. Only the iron floats in front.

Who offers more?

Art. No.:	Equipment	Typ
30.2060	Ironing surface 200 x 60 cm	SL 2060
30.2560	Ironing surface 250 x 60 cm	SL 2560
30.2760	Ironing surface 270 x 60 cm	SL 2760
30.3060	Ironing surface 300 x 65 cm	SL 3060
3.4060	Ironing surface 400 x 65 cm	SL 4060
390.400.1750	Table surface heating for 2 m, 2,5 m, 3 m. 3 years guarantee and controllable from 30° to 110° C.	
38.3060	Removal construction kit GA 3060	
381.541	Holder for Impulstronic, only with electronic-BE	

FUTURA LINE

- Exhaust system to “freeze” the ironed result (Light barrier A)
- Additionally with air cushions for velvet and chenille and other pressure-sensitive tissues (Light barrier B)
- Table heating continuously adjustable, 30 ° to 110 °C

Light barriers

Comfortable ergonomic operation of the suction and the air cushion blower via one light barrier each.

Art. No.:	Typ
30.3060 BH	FL 3060
Ironing surface 300 x 60 cm - exhaust system - air cushions - Heating - DUO silent running holding device, Light barrier ergonomically across the entire width of the collecting troughs. 230V AC.	
FUTURA LINE same as STUDIO LINE but with air cushions or blower and vacuum.	



The best-selling curtain ironing place!

Image with steam generator and ironing

Inclusive silent runner levitation device – can also be supplied without

Art. No.:	Width	Depth	Height with
-----------	-------	-------	-------------

31.2010.20H	200 cm	100 cm	rollers 90 cm/feet 87-94 cm
-------------	--------	--------	-----------------------------

31.3010.20H	300 cm	100 cm	rollers 90 cm/feet 87-94 cm
-------------	--------	--------	-----------------------------

Steam ironing table, stainless, S-POR instead of felt, Polytec cover, fabric front + rear, easy self-assembly

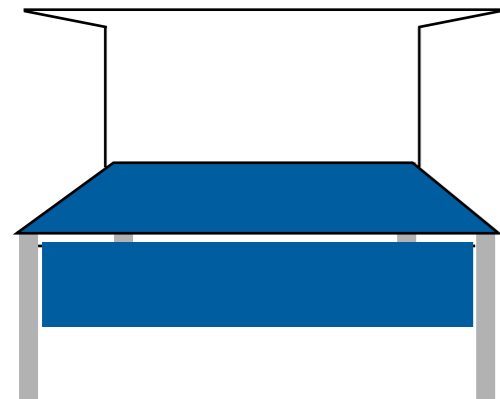


Art. No.:	Width	Depth	Height with
-----------	-------	-------	-------------

31.2010.20HS	200 cm	100 cm	rollers 90 cm/feet 87-94 cm
--------------	--------	--------	-----------------------------

31.3010.20HS	300 cm	100 cm	rollers 90 cm/feet 87-94 cm
--------------	--------	--------	-----------------------------

Steam ironing table, stainless, S-POR instead of felt, Polytec cover, fabric front + rear, easy self-assembly with upper floating device.



Art. No.:	Equipment
-----------	-----------

31.2010.20V	Surcharge vacuum suction
-------------	--------------------------

COMBI LINE

Curtain extraction stacks, such as the STUDIO LINE, often have the counter-argument that the space available for a trimming station and a curtain extraction stanchion is simply not enough.

The problem was and is that on pure cutting tables, the moisture that results from the steam release, not only leads to mildew, but the required ironing result is simply not achieved.

Result: **COMBI LINE with table heating.**

A modular principle has been developed, which practically represents the empty housing of a Absaugbügelplatzes, so that everything is prepared for the subsequent installation of a suction.

This entry-level model without extraction runs under the name starter package and of course has, like all IMPULSA ironing stations, a stainless steel surface and a built-in table heating in the front area, adjustable from 30 ° to 110 ° C. This dries in energy-saving intervals the ironing surface. For your safety, the heater comes with a 3-year limited warranty.

Complementing this is the COMBI LINE with up to 165 ° C heat-resistant S-POR padding instead of felt, which hardly gives off the absorbed moisture.

Even better is the COMBI LINE with extraction system:

It is recommended to S-POR padding, which does not absorb the moisture.

Of course, the COMBI LINE is also equipped with exhaust air filters.

Floating devices

A floating device for gliding the iron has been designed to be mounted on the wall or ceiling, leaving the COMBI LINE workstation accessible from all sides.

The silent floating device is optional for mounting

- on the wall
- on the ceiling with two pipes
- at the table and two ball-bearing roll-off holders for tapes

SOARING CONSTRUCTION

A soaring construction for the gliding of the iron was constructed so that it can be fastened at the wall or the ceiling - so the CL-place can be achieved from all sides.

The silent runner soaring construction can be chosen for mounting:

- on the wall
- on the ceiling with one launching tube
- on the COMBI LINE with one launching tube and two ball-bearing pulling off holders for tape.



COMBI LINE

■ Equipment is identical to STUDIO LINE on pg. 98.

■ Also available with plain ironing area in different sizes. (see table on pg. 98).



Art. No.:	Equipment	COMBI LINE - with vacuum surface
30.3360	CL 3360, vacuum surface ca. 330 x 65m	
30.3010	CL 3010, vacuum surface ca. 300 x 100 cm	
		stainless steel ironing surface, modular system with suction, 230 V AC, height 92 cm. equipped with high-quality S-POR padding instead of felt and Polytec cover.

Art. No.:	Equipment
390.400.1750	Heating set 30° to 110°C for 30.2560 - 30.3013
30.800.5	Construction kit soaring device with ceiling hang up, 1 launching tube, 3 m wide with trolley for iron lifter - please indicate height of ceiling
30.807	Construction kit soaring device with ceiling hang up, 2 launching tube, 2 iron lifter and trolleys for 2 irons
31.....1	Construction kit soaring device with bearer right and 2 roll holders for tapes on the left, cpl. with trolley, lifter, launching tube, each in the appropriate widths (..... please enter the 4-digit size, e.g. 31.3360.1)
31.....2	Cloth rallying hollow, each in the appropriate widths (..... please enter the 4-digit size, e.g. 31.3360.2)
388.623	Pull-off dispenser cradle, up to 2 m
388.623.30	Pull-off dispenser cradle, up to 3 m
61.3320 M	Endcutter
601.3020 S	Fast adjustment for slopping cuts
688.520 RL	Self adhesive measure tape from right to left
688.520 LR	Self adhesive measure tape from left to right
601.300	Cutting table, dark blue q/m
3.500.5	Line laser with ceiling and wall suspension, shows the cutting line till 3,3 m

Travelling carriage for the tube hanger

Art. No.:	Equipment
389.6989	8 x ball-beared, silent runner

Travelling carriage car for balancer

We only use a nylon rope balancer which rolls up parallel and not on the top of each other - on the opposite of steel ropes or plastic rope devices these ones do not stress the wrist and the muscles of the ironing person as the others do. The balancer is made of a plastic case instead of a steel case so less weight has to be moved.



Art. No.:	Equipment
388.6989	8 x ball-beared, silent runner

Polytec cover

Art. No.:	Equipment
489.550.2	140 cm, blunt

Polyfit cover

Art. No.:	Equipment
489.550.3	150 cm, plain



Special felt

Art. No.:	Equipment
388.551.200	200 cm /rm



Impulsa S-POR

Art. No.:	Equipment
488.561.61	65 cm / lfm
388.561.130	148 cm / lfm



Hanger

Art. No.:	Equipment
19.035	for all Atomic 2050 Boiler irons
19.036.1	for all Atomic 2050 Boiler irons, with joint



Federlifter

Art. No.:	Equipment
388.658.12	Federlifter
19.035	Iron holder



Also all covers are available as already sewed with velcro tape. Please indicate just the size.

MOTOMAT – Ironing with with motor driven fabric feed

That is the idea which solves an old ironing problem. Our construction got patented.

The ironing table GA 3000 MOTOMAT with a motorised cloth feed. The ironing table with the motorised cloth feed creates the best conditions for more rational and faster ironing.

It can be easily handled by one person. An indispensable device for the interior decorator.

The problem with ironing of curtains and difficult cloths:

Your clients become more demanding and want a high-quality window decoration. This is only possible with well ironed curtains. You know the problems connected to this: Where to put the amount of cloth? Where to put the ironed parts without crumbling them again? Continuously a second person is needed for pulling the lengths of cloth onwards over the ironing table.

All in all a time-consuming business that you can't avoid. Didn't you ask yourself if there is a better solution?

Our technical solution is simple and clear:

A movable ironing surface, which runs like a feeding tape over two rollers, can be moved with an electric motor. It moves the fabrics always one by one ironing width. It can't really be done more simple!

Another useful advantage:

The Impulsa GA 3000 MOTOMAT can be put to the wall and therefore is space-saving. Two IMPULSA-Vacuum units ensure the perfect iron effect with the thermostatic controlled table heating.

The cloth trough at the front:

The crumbled cloth is put in the folding cloth hollow at the front. It has a considerable capacity and can store large amounts of cloth. Therefore the cloth is well-stored and can't get dirty.

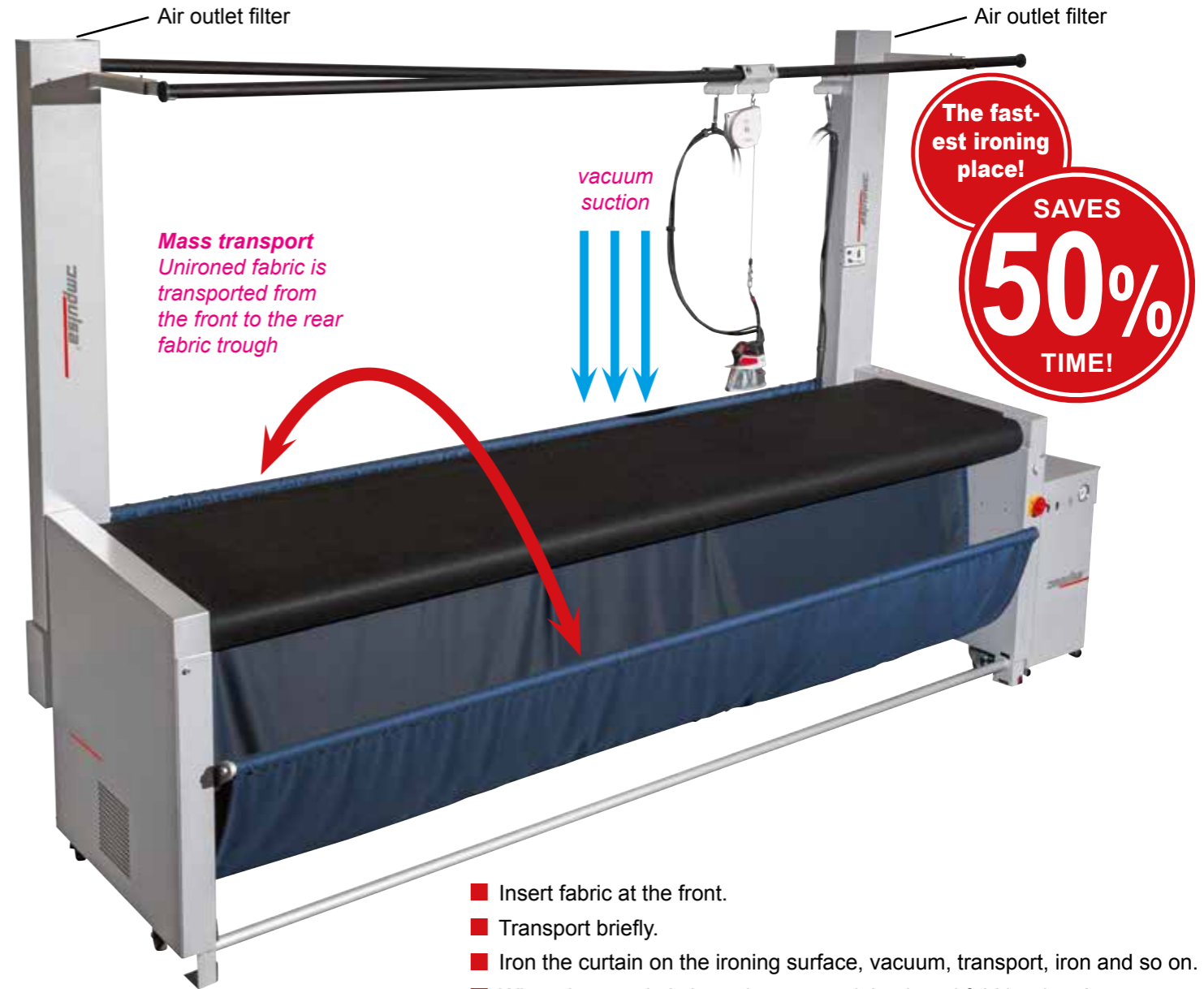
The cloth trough at the back:

The cloth moves over the ironing surface and then runs automatically into the cloth hollow at the back. The cloth folds itself decent together and doesn't crumble anymore. If the cloth is ironed it can be collected for putting together.

The operation:

Simple and comfortable you can control the backwards and forwards movements by light barrier as well as by the suction construction by foot.

And time is money! - Especially by ironing curtains. You can employ your staff more exact, work more rational and you become really more competitive!



- Insert fabric at the front.
- Transport briefly.
- Iron the curtain on the ironing surface, vacuum, transport, iron and so on.
- When the curtain is ironed, transport it back and fold it - done!



Exact temperature at the iron:

This is achieved by a high-performance sensor, which regulates the temperature +/- 1 ° exactly.

On request, there is the 2nd control circuit for controlling the temperature via digital display, so that the operator always knows exactly with what temperature she ironed the fabric. See picture on the left.

Minimal shrinkage due to following factors:

Suction cools - we iron at only 145 ° C without water leakage, even with long hoses to 6 m dry! So little heat and yet safe against water marks.

This is achieved by the Impulstronic and the patented boiler design of the ironer.

50% time savings due to fabric transport:

Ironing is done on an air-permeable needle-felt conveyor belt - the fabric is simply put on by an operator in front.

The fabric transport can be operated across the entire width via a light barrier sensor below the floor. This is ergonomic, as the operator stands with both legs on the ground and the backbone is not biased on one side, as in traditional foot bars..

Ironing twice as fast means:

Twice as many items to be ironed a day by an operator. This is only possible if the Motomat is equipped with a powerful steam generator. This is already possible with the Vulcan 2001, an energy-saving device with only 2300 W at 230 VAC, 16 A.

Due to the unrivaled boiler construction, we do not need a steam generator with high current and 4 KW heating power.

The most energy efficient steam generator on the market is a must on this unit.

Levitation device:

Quiet-runner DUO. Anyone who has ever worked on a curtain railing knows that the constant reciprocating of the carriages is often noisy and if passed over a barrel, the performance is impaired.

That is why we have developed special running tubes, which are extremely quiet, the hose runs on 2 ball-bearing carriages at the rear, so that the operator is not affected. The iron floats on the front barrel and is ergonomically adjustable depending on the size of the operator.

- Cloth rallying troughs at the front and back
- Motorised cloth feed forwards and backwards
- Extremely strong suction is operated like the cloth feed by the light barrier
- Soaring construction with silent truck
- Complete suction tip and coverings, special aluminum alloy construction, means stainless
- Exhaust air filter in quantity, light barrier instead of floor board for the using of the vacuum, descending air current chimney with air filter if requested.
- Timer for automatic vacuum after the steam ironing saves time and optimates the result - one can choose to adjust it during or after ironing. Back feed for easy folding together of the fabrics.
- Space needed 300cm ironing surface: 3200x980mm.
at 330cm ironing surface: 3500x980mm.



Technical Data:

- Length:**
3200 mm or 3500 mm
- Depth:**
980 mm
- Table height:**
950 mm with rollers
- Width of ironing surface:**
3000 mm or 3300 mm
- Length of fabric:** Any

Art. No.:	Equipment
30.024	MOTOMAT GA 3000 cpl. with soaring construction, motoric cloth feed, ironing surface 300 x 50 cm
30.024 C	MOTOMAT GA 3000 with suction tip, 2 Absaugeneinheiten, schräggestellte Tischfläche, Absaugfläche 300 x 50 cm, Schwebevorrichtung mit Federlifter, Stoffauffangmulden vorne und hinten, Tischheizung, 3 Jahre Gewährleistung, 380 - 400 V, 2500 W
30.026	MOTOMAT GA 3000 with vacuum surface and 300 x 50 cm, with additional air cushion
30.026 C	MOTOMAT GA 3000 with vacuum surface and 300 x 50 cm, with additional air cushion, chimneys
30.033 C	MOTOMAT GA 3033 with 330 cm vacuum surface, chimneys
30.033	MOTOMAT GA 3033 with 330 cm vacuum surface, w/o chimneys
30.040 C	MOTOMAT GA4000 with 400cm vacuum surface, with chimney
30.026 BD	MOTOMAT GA 3000 with 300 cm vacuum surface, adjustable shrinking and speed facilities

IMPULSA steam generators

If you are looking for an fully automatic steam producer, then you came to the right place! We have more than 50 years of experience in developping and building steam generators with stainless steel boilers. Working completely automatically – Impulsa VULCAN.

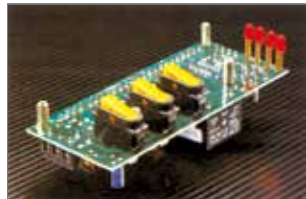
The water filling is electronically controlled, which is done elaborately via 2 electrodes, for your safety and for a long service life of the heater. This applies to the version with direct connection to the water pipe as well as to the version with the supplied water reservoir.

TÜV tested and not subject to supervision. In addition to the electronics, all devices have a double control pressostat and thermostat.

This is rare, but guarantees low-maintenance function.

The electronics are easily replaceable as a plug-in card. This is the latest development.

A pressure stat regulates the pressure with a switching setting of +0.2 bar. Large opening for the fill-in of the de-liming. Outlet for the de-liming.



The fill-in assembly with solenoid valve and non return valve. Simple using - no installation. Steam pressure: 3–7 bar available. The use of distilled water is not necessary.

The kettle made of stainless steel can comfortable be de-limed and a 2-monthly de-liming can easily be done by using the large fill-in hopper.

Position of the water is optically shown - display by using control diodes. A panoramic isolation wastes no energy.

The heating up period is quoted at 8 to 15 min.

The lifespan is sufficiently provided:

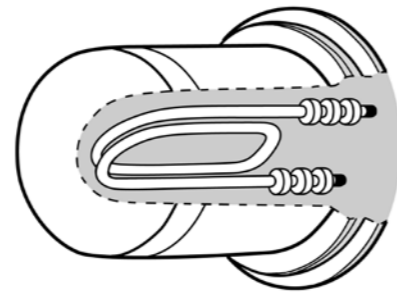
- Stainless kettle.
- Stainless tubular steel heating body.
- Stainless probes for controlling the water position.

Operating areas:

- Active blow-down facility: That's why you don't need distilled water or an extra desalination device.

The pump system is selectable and simple screwed on with 4 screws as fundament under the particular steam producer.

That's why it is possible to adapt.



Boiler lying for maximum energy efficiency!

VULCAN – AUTOMATIC STEAM GENERATORS – STAINLESS STEEL



20.2016

Desktop devices

22.2016

Standing devices

VULCAN	Art. No.:	Equipment	VULCAN 2001
2001 E	20.2016	Solenoid valve with control for 1 steam outlet, direct connection to the water pipe is possible, with a hydraulic pressur of 4,5 bar min., without pump, steam pressure 3,5- 4 bar, 2,3 kW, 230 V AC, required space: H 48 cm, W 36 cm, D 50 cm. weight: 27 kg.	
2001 E	22.2016	Solenoid valve outlet with control for 1 unit, filling via built-in electric pump from water storage tank at the bottom of the housing - to be filled with 10L water for approx. 10 hours ironing time. Vapor pressure 3,5 - 4 bar, 2,3 kW, 230 V AC, space required: H 72 cm, W 36 cm, D 50 cm, weight: 40kg.	
VULCAN	Art. No.:	Equipment	VULCAN 4002
4002 E	23.4002	Solenoid valve connection with control, 2 connections, without pump, direct connection to the water line possible at water pressure of 4.5 bar, steam pressure 4 bar, VULCAN 4002, 2-stage energy-saving circuit, 4 kW, space requirement: H 25 cm, W 33 cm, D 37.5 cm, weight: 30kg.	
	23.4002MP	ditto with intergrated motorpump - when water pressure is to low - direct waterpipe connection to pump which takes the water with low pressure and present it with 7 bar to the boiler. All built inside the base of the unit. H 70 cm, W 36 cm, D 50 cm, Weight: 35kg.	
	23.402	ditto including filling by e-pump from integrated 25 l water storage and drainage tank in the base of VULCAN 4002, H 70 cm, W 36 cm, D 50 cm, Weight: 38kg.	
	29.002	Decalcifier	
	289.505.2	Blow container 10L extra	
	290.102	Automatic electric blower at the push of a button	



20.2016

Direct water connection without pump at a pre-pressure of > 4.5 bar.

Drain tank fully automatic water filling, 1 steam valve, steam pressure 3-4 bar.



22.2016

With electric pump and water reservoir 10 liters, fully automatic water filling, 1 steam valve, steam pressure 3-4 bar.



23.402/4002/4002MP

With motor pump and blowdown tank, fully automatic water filling, 2 steam valves, steam pressure 3-4 bar.

The electropump system is ideal for steam generators up to 4 bar. The motor pump system is intended for steam generators from 4 bar upwards and when operating the MOTOMAT. 12 months heating warranty. 6 months total warranty.

MADE IN GERMANY



- Boiler stainless – TÜV tested – Made in Germany
- Aut. Filling with 2 sensors min / max.
- Electric pump with beep
- Water reservoir 10 l
- Easy to fill
- Fast heating time
- All-steel housing, electrolytically galvanized and powder-coated
- Stainless steel boiler, lying therefore high efficiency and extremely energy efficient

This advanced design has been copied by many in parts, but never achieved with such high steam output and energy costs.

Especially when ironing large areas, such as in the decoration industry, the ironing is only then fast, if you have a lot of steam available. Other ironing processes require much less steam, so other steam generators on the market are designed that way.

Impulsa steam generators are „Made in Germany“, actually produced in Germany and all parts made in Europe.

The most energy efficient steam generator on the market!

LOW TEMPERATURE IRON ATOMIC 2050

The steam iron is the result of further development of the well known special system „Boiler Iron“ especially for long steam hoses.

The advantage of this boiler system is that it can keep about 1/8 L condensate water without losing water - this result is obtained on a very low temperature, because of the shrinking problem. Up to now there is no second who obtained that.

On the opposite to the irons for garments, which are equipped with a steam hose of only about 2,2m, the iron for curtains has to be able to hold a 4-5m steam hose or more. Only in this way a nice working place design can be guaranteed and an energy expensive and costly bridge may be avoided.

In our option this is just possible with the boiler system. We also changed the exhaust of steam.

By ironing garments, the steam exhaust is regulated on the top or by a straight line in the middle. But on home-textile-ironing, it's particularly necessary that a larger ironing surface with more steam distribution ensures more effective ironing.

We may be able to work with 60% more steam about 50% faster!

Of course all parts are made of stainless materials which are getting in touch with the steam. The ironer is extremely light, is at disposal of a foamed handle with integrated micro switch.

The temperature is exact because electronically controlled and extremely low for no shrinking on synthetic fabrics and non spitting.

Art: No.:	Equipment
10.530 D	ATOMIC 2050 DIGITAL, with IMPULSTRONIC DIGITAL temperature control, cord 5 m, 30V AC, 1000W, weight about 1,4 kg.
10.530	ATOMIC 10.530 without digital display, high temperature accurateness but without temperature control
Accessories:	
19.019.5	DUOSITT steam hose with teflon inlett, cpl. with protection from bedding and clamps
19.010	Electron safety plug
19.055.1	Teflon sole with metal edge
19.040	Hand protection form the afferent steam, extra large
19.035	Bail for suspense appliance
19.036	Bail for suspense appliance, turnable

ATOMIC 2050 – Boiler-iron with the lowest contact temperatur without water stains!

Non dripping steam iron with long hoses for decoration places!

■ MADE IN GERMANY



- No water stain up to a tube length of 6 m hose lengths – only available at IMPULSA!
- Hand protection.
- Easy to clean.
- Cast sole coated with teflon, so there is no need of a teflon sole.
- Foamed handle.
- With or without digital display.
- Integrated microswitch.

Teflon sole

Prevents brilliancy by reducing the contact temperature between the iron floor and the fabric ironed. For all high sensible fabrics.

Art. No.:	Equipment
19.052.1	for model ORKAN 1
19.052.11	for modell ORKAN 2011
19.055.1	for modell ATOMIC 2050

Storage plate made out of silicone

Art. No.:	Equipment
19.018	Silicone storage plate



Holder

Art. No.:	Equipment
19.035	Holder

Steam hose

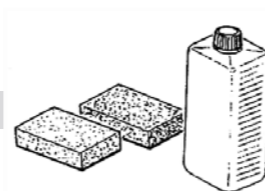
Since a long time teflon hoses are on the market - they are thought to be the best alternative for steam hoses, but by the use onto irons they break easily. We have solved this problem. Inner skin made of teflon, elastic high heat resistant silicone coats, heathed in cloth on the outside for assuring that the heat stays inside. Protected by patent pending of.



Art. No.:	Equipment
19.019.5	Teflon-steam hose

Cleaning-Set

Article-No.	Equipment
19.021	Cleaning set



Iron whip

Art. No.:	Equipment
19.003.1	Iron whip, strengthened



STEAM IRON ORKAN 2011

The inexpensive exemplar - electronic heatable iron, universal applicable, with cork handle, thermostat-controlable, the thumb button for steam actuation is beside the handle, wire 2,5m, weight about 1,2 kg, 230 - 240 V, 800 W.

Art. No.:	Equipment
10.2011	Steam iron ORKAN 2011
19.010	Electron plug
19.012	Silicon steam hose 2,5 m
19.003.1	Iron whip, strengthened
19.052.11	Teflon sole with metal edge



STEAM IRON ATOMIC 2011

Super lightweight high pressure iron with electrical temperature control +/- 2° C, soft handle, which adjusts to the hand, integrated mikro switch, cpl. with hand protection form the afferent steam. Wire 2,5 m, weight about 1,2 kg, 230 V, 900 W.

Art. No.:	Equipment
10.2011 E	Electronic iron ATOMIC 2011
10.2011 D	Electronic iron ATOMIC 2011 DIGITAL
19.010	Electron plug
19.052.11	Teflon sole with metal edge
19.019	Steam hose double isolated DUOSITT 2,5 m
19.019.35	Steam hose double isolated DUOSITT 3,5 m
19.037	Bail for suspense appliance
22.201	Dampfboy 5 L manual with water drainage - 230V
61.201	Dampfboy 5 - manual - 230 V NEW





Your advantages when renting or leasing:

- Tax benefits
- save your liquidity
- Enables investment at this time
- planning security
- flexibility
- Service: exactly calculable costs, as maintenance can be included

VULCAN – AUTOMATIC
STEAM GENERATORS,
STAINLESS STEEL



The most energy efficient steam
generator on the market –
suitable for your iron.
Also for other makes!

Depending on the steam
generator, you can easily
save € 20 a month!

Ask now also for renting
or leasing offers!

All lease terms and products are possible.

Call now!

Tel. +49 (0) 7041 9595 0

Precise cutting to length



DECOTIP - DECOEXAKT - DECOTRONIC - DECOTOUCH

Deco measuring and trimming machines (DMG): vertical measuring and cutting in one working step



Fig. Decoexakt with base

Additional equipment:

- „Buckram“ swiveling device on demand
- Cutting device can be installed on the floor, for using the whole room or the cutting device elevated - this will give more ease of use
- Speedmaster fast gear

Our IMPULSA Deco measure and trimming devices were made for vertical measuring and exact cutting of decoration fabrics and curtains.

Our constructions belong to the big innovative developments and were build from us as market leader more than 4000 times. That brings safety and longevity and a big improvement for every curtain studio.

All machines are robust and demonstrable not service sensitive.

Take advantage of the improvement and choose your model. The basic function, a safer and more precise cut with one operator in less than two max three minutes, have all machines together.

Advantages:

- Easy cutting/trimming, measuring and controlling of curtains and drapes
- Machine width from 2–12 m, by request available
- Machines available in every height - every ceiling height will be exploited
- Stability through unique frame:
 - Installation freely in space
 - Device can be installed at the wall
- Recover beam up to 1 m of height, without clamps, therefore no marking, or > 2 m additional height per clamping facility

Function: recover beam

Very often the problem of low ceilings in an atelier has been neglected.

During the development of the IMPULSA Deco-measuring device we put that into account and can offer now an ideal solution.

If the ceiling of your atelier is too low - there is the option of a recover beam to get 1 m more measuring or cutting-height without clipping the fabric. That method is very fast and exact.

With a simple swing the fabric will be put into a Z-shape – a magnetic lock gives enough insurance for exact measuring, till 5 m deliverable.

Recover beam S

The procedure is as follows: The decoration will run up in a clamping bar DECOEXACT, the fabric will be inserted and clipped in the recover beam at the bottom.

The clamping bar will go down, the recover beam docks and both will go up to the requested measure.

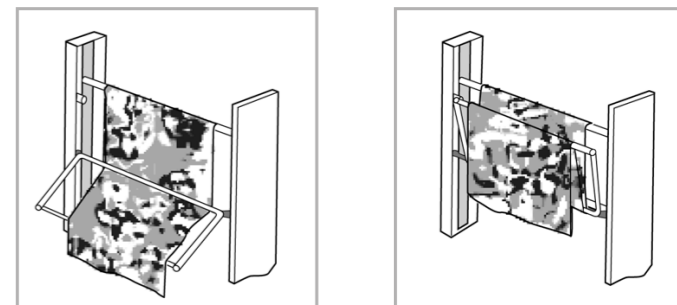
Recover beam MS - time saving through separate motor driven impulse

Here the fabric is put into a clamping bar, a lead weighted tape heeling or a selvahe heeling and runs up.

Now it is possible to put the deco through the recover beam built with 2 parallel and 2 vertical standing elements from a special profile.

The fabric will be carefully cramped and runned up. Just put the overall dimension into the operator panel.

At additional length of 2 m and more, for example 3 m device height gives 2,4 m additional length, etc.



Cutting aggregates

Those are adapted to the devices:

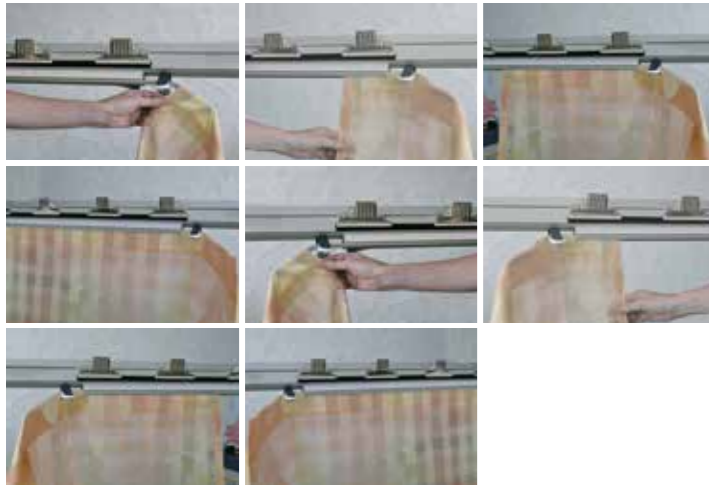
- DECOEXACT - standard.
- DECOTRONIC - with man. clamping.
- DECOTRONIC / DECOMATIC / DECOTOUCH - with pneumatic clamping at the bottom, if requested with/without counter blade.



6161.303



61.304



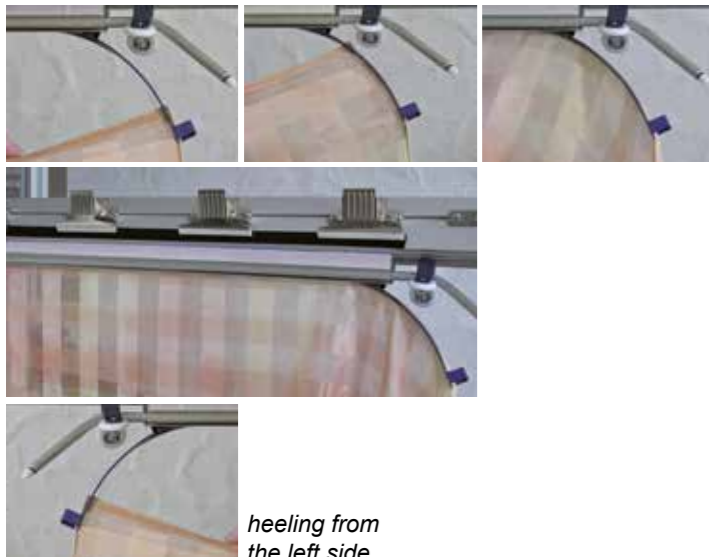
High-speed heeling for open hems on the side

Similar to the lead ball-band feeding the deco can easily be put in. The hem is pushed over the round steel (only possible with hems open to the side). In the case that cramping is too troublesome - the foot hem can be left open on the side and just taking in the hem. One is limited to the width and it is not to be used for friends of the "scattered corners", but it is a remedy if it has to be done fast & simple.

Art. No.:	Equipment
30.115.300	Hem heeling
30.115.320	Hem heeling
30.115.325	Hem heeling
30.115.350	Hem heeling
30.115.400	Hem heeling
30.115.450	Hem heeling
30.115.500	Hem heeling
30.115.600	Hem heeling
30.115.700	Hem heeling
30.115.800	Hem heeling
30.115.900	Hem heeling
The article end digit is the width of the device!	

High-speed heeling for lead weighted tape - particularly designed for curtains!

Imagine you have a width of room of 3 m and you want to cut out to a length of 8 m of curtains. Simply fold the curtains together 3 times and feed the lead weighted tape from the right to the left. Driving upwards to the measure - the cutting device cuts triple in all cases. Pull it out - ready! (on demand we provide also double lead weighted tape heelings with rotation)



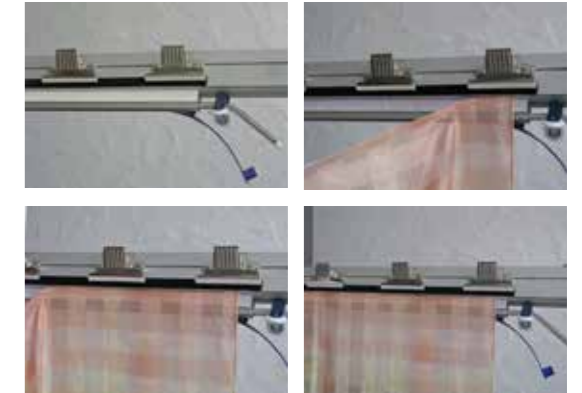
heeling from the left side

Art. No.:	Equipment
30.116.300	Lead weighted tape heeling
30.116.320	Lead weighted tape heeling
30.116.325	Lead weighted tape heeling
30.116.350	Lead weighted tape heeling
30.116.400	Lead weighted tape heeling
30.116.450	Lead weighted tape heeling
30.116.500	Lead weighted tape heeling
30.116.600	Lead weighted tape heeling
30.116.700	Lead weighted tape heeling
30.116.800	Lead weighted tape heeling
30.116.900	Lead weighted tape heeling
The article end digit is the width of the device!	
30.116 L	Lead weighted tape heeling from the left

Velcro edge guide for panel curtain and roman blinds

On request you can get the new clamping bar for every apparatus with special velcro edge guide, to simply measure and control panel curtains for example.

Art. No.:	Equipment
30.118.300	Velcro edge guide
30.118.325	Velcro edge guide
30.118.350	Velcro edge guide
30.118.400	Velcro edge guide
30.118.450	Velcro edge guide
30.118.500	Velcro edge guide
30.118.600	Velcro edge guide
30.118.700	Velcro edge guide
30.118.800	Velcro edge guide
30.118.900	Velcro edge guide
The article end digit is the width of the device!	



Marking device

1. At every clamping unit below, there is a little guide to simply mark the fabric with taylor chalk.
2. The well-known powdering unit (Art-Nr. 30.117) needs compressed air and is attached to the measuring guide. While cutting with the blade - at the same time there is the opportunity to mark for example a hemline.
3. Marking device with ultraviolet ink:
You have the choice to mark by driving back the cutter unit automatically and mark the lines. You may use the same program and facilities like for the cutter - you may mark one line for hemming purpose or use the stripe setting (cutting) program to mark line by line. With DECOTRONIC and DECOTOUCH with the program 'measuring down' you can make several stripes after each other. You just put the measurement once into the display, the machine marks line for line - that saves a lot of time.

It is possible to clamp Roman blinds horizontally and mark fast and comfortable as well.

To protect the fabric with special IMPULSA-TOUCH-TECHNIQUE. Adjustable for the daintiest fabrics.

Compared to the ink you always get the same widths of lines. You can decide if the marking should last 4 hours or 4 days.

In any case you should order the UV light (Art. 6.71-250003) for sewing.

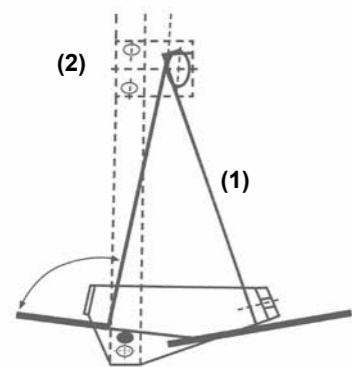
These units need compressed air. If you don't have the opportunity, there are very small and low noise mini-compressor-units.

Buckram-tape - 30.118 Manufacturer of the stiff belt system

Swiveling construction for the hem folding with pulling-off hanger for the BUCKRAM tape. The construction can easily be swivelled away by a magnetic holder. We recommend a pedestal of 60 cm for this operation, for getting the right working height.

Especially for lined decos we guarantee easiest manufacturing: After the pre-cutting & sewing together of the length of cloth the foot hems of the lining and of the deco as sewn. After the ironing it is right and rational to cut already out to length.

As the upper cloth is a bit longer than the lining our new double hem tape feeding device rationalises the procedure or double cramping device. Ask our expert! Exact cuts with only one cutting.



For inserting the BUCKRAM-Tape

Pos. (1) of the turning device for cutting off the deco.
Pos. (2) swiveling construction to put on the buckram tape.

Steam bar

For the boiling down of placing folds before cutting - for particularly high manufacturing - only obtainable with us with a minimal power consumption.

Installation and Construction

All constructions are deliverable custom-built. The width is variable in a 10 cm raster, the height infinitely variable. If you request special sizes we ask you to indicate the available height of the studio as well as the demanded device using width.

The device will be delivered in pre-mounted units for self-mounting or mounted and introduced by our own service technician in Germany and abroad.

Moment opening

One hand movement and 5 clamps are opening at once.

Loss of cutting width

Width of the device - 25 cm = interior measuring between frames.

With clamping bar

Width of the device - 50 cm = Cutting width.

With lead weighted tape:

Width of the device - 60 cm = Cutting width drawing-in from left.

Width of the device - 70 cm = Cutting width drawing-in from right.

With hem tape drawing-in:

Width of the device - 60 cm = Cutting width drawing-in from left.

Width of the device - 70 cm = Cutting width drawing-in from right.

Loss of height (design related)

Height of the device - 35 cm = Cutting width plus possibly socle.

The basic versions: INSPECTOR and DECOTIP

The manual measuring tape is synchronized and shows the measuring constantly & clearly by a sight glass. The operator let the button go as the desired measure is achieved. The fine correction is done by tapping the feeder by which the cramp log is corrected to the desired measure. Height of apparatus can be changed on demand.

You receive the machine with a rechargeable cutter-driven by handwheel. After this work cycle only the ready height measuring, with consideration of the tape head, and the sewing in of the head tape has to be done. Now the deco with bottom hem is wedged into the cramps of the IMPULSA deco-measuring-device exactly to the L-front lay gauge.

INSPECTOR

- Without cutting device.
- Measurement device with point laser for simple identification of the measure.

DECOTIP

- With battery blade, serial with cross handwheel impulse for comfortable cutting.
- A measure- and cutting aggregate.
- Ideal for small craft producer.



Art. No.:	Equipment
30.101	INSPECTOR, standard width 300 cm (Space requirement 325 cm) - motor driven up / down - 230 V AC - rotating measuring band on the right beam with window – vertical beam below - Device height up to 300 cm with no overcost.
30.102.300	DECOTIP, dito. with clamping device below, marking angle, battery blade w. cutting device, 230V AC
3.110	Additional height 301 to 350 cm device height
3.110.1	Additional height 351 to 400 cm device height
30.114	Stand/ socle optional up to 25 cm for additional charge
30.116.300	Lead weighted tape feeding from the right, additional lead weighted tape feeding
30.116 L	Lead weighted tape feeding expense from the left
30.118.300	Velcro edge guide for panel curtain



DECOEXACT

With the DECOEXAKT it has been accomplished, without electronic that it can approach to the exact measure without typing that in.

- Manual clamping technology
- Electric measure device motor driven up/down, and manuel handwheel-blade run
- With and without recover beam

Construction deliverable on measure. The width is in a 10 cm grid, please specify the height exact. The maximum measure is 2 cm under the ceiling height. We ask you to give us the height of the atelier and the requested device effective width. The device will be delivered in pre-installed units for self installation with instructions or through our own service engineers everywhere in Germany or also abroad installed and instructed.

Art. No.:	Equipment
30.103.300	DECOEXACT, Standard width 300 cm (Space requirement 325 cm) - motor driven up/down - 230 V AC rotating measure band on the right beam with window Device height up to 300 cm with no overcost. With clamping device below, marking angle, electric. driven cutter with crank handle, sharpening device, cable carrier device. Measuring between wedging log with attachment and blade, solid construction. Device widths in all sizes available!
3.110	Additional length 301 to 350 cm heigth of the device
3.110.1	Additional length 351 to 400 cm heigth of the device
3.111	Additional per 10 cm / less width per 10 cm
30.112.300	Recovery bar 1 m, pivoted with magnetic holder, 30.112.325 / 350 / 400 / 450 / 500
30.112.300 S	Recovery bar with clamping device – docking system, 30.112.325S / 350S / 400S / 450S / 500S
30.115.300	Hem feeding
30.116.300	Lead weighted tape feeding from the right side, additional lead weighted tape heeling
30.116 L	Lead weighted tape heeling expense from the left side
30.118.300	Velcro edge guide for panel curtain

DECOTRONIC with Display

A further development of the proven model DECOEXACT - simply type in the finished dimension of the deco into the input device. Immediately you have the measure for control on the clearly visible digital display. At the push of a button, the device moves up to the desired level by motor.

Consideration of the adding of small heads will be calculated by the machine itself. That saves time and prevents mistakes. The device is simply held with the lower clamp.

At the press of a button, the cutting machine (Article.No: 61.303) moves from left to right with Vidia counterblade technology and grinder, cutting the fabric accurately and quickly.

The removal is also easy. Seven different additions can be programmed before and recalled.

Program 'below measurement' for cutting stripes and marking of parallel ultraviolet lines for exact and easy producing of roman blinds - serial!

- Manual clamping technique
- Pneumatic clamping with automatic closing and error correction - DECOMATIC
- Electric measuring device and automatic blade run with stripping cut device and patented head addition - DECOMATIC
- From 4 m standard with pneumatic clamping at the bottom. instead of a hand lever



Recover beam S and MS to get additional cutting height of 2 and more m pending on the machine height.



Cutter with big diameter 100mm - widia counterblade and sharpening device.



DECOTRONIC Display



Pneumatic clamp on bottom and socket



with seam guidance



with lead tape guidance



Abb. With Velcro, hem and lead tape feeder

Art. No.:	Equipment
30.104.300	DECOTRONIC, standard width 300 cm (Space requirement 325 cm) with automatically up/down 230V AC, cutting device, sharpening device, cable carrier device, addition of heads, cutting of stripes, wedging log with stopper, clamping device with stopper, decotronic digital display 3M
30.104.400	DECOTRONIC Width 400 cm (Space requirement 425 cm), dto. 230 V AC
30.105.400	DECOTRONIC Width 400 cm (Space requirement 425 cm), dto. but lower clamp pneumatically
30.105.500	DECOTRONIC Width 500cm (Space requirement 525 cm), lower clamp pneumatically
3.105.600	DECOTRONIC Width 600cm (Space requirement 625 cm), lower clamp pneumatically
3.105.700	DECOTRONIC Width 700cm (Space requirement 725 cm), lower clamp pneumatically
3.110	Additional height, surcharge for appendix 300 to 350 cm height of device
3.110.1	Additional height, surcharge for Anlagen > 350 cm device height
3.110.2	Additional height, surcharge for > 400 cm device height
3.111	Additional height, surcharge per 10 cm / less wide per 10 cm
3.112.300	Recovery bar 1 m, pivoted without magnetic holder, 30.112.300 / 350 / 400 / 450 / 500
3.112.300 S	Recovery bar with clamping device – docking system 30.112.300S / 350S / 400S / 450S / 500S
3.112.MS	Recovery bar with clamping device, self propelled 30.112.300MS / 400MS / 450MS / 500MS
30.112.600MS	Recovery bar with clamping device, self propelled
30.112.11MS	Recovery bar with clamping device, self propelled
30.114	Stand/ socle optional up to 25 cm for additional charge
30.115.....	Hem heeling insert Width. See page 120
30.115 D	Hem heeling, double for lining materials
30.116.....	Lead weighted tape heeling from right, additional lead weighted tape heeling. See page 120
30.116 L	Lead weighted tape heeling from left
30.118.....	Velcro tape stop for panel curtains. See page 121
61.303.2	Spare blade incl. multisheet
61.303.22	Round spare blade
5.2500.M0001	Marking pen VE = 10
61.306.1	Marking device pneumatic UC for 4 h up to 4 days visible
61.303	Extra large cutting machine on TROLLEY - EXTRA

DECOTOUCH with touchscreen

Here you experience the latest kind of a decomeasuring + cutting to length device on the basis of the DECOTRONIC which was the only device on the market in 2003 on PC - basis & with „TOUCHSCREEN“.

The advantages are obvious - there is a high operating comfort additionally to the actual standard - later further developments can mostly be programmed easily by us - with the client they are stroken up on the PC - by this the control range may change - no problem with a "touch screen surface" - the surface is adaptable to changes. An integrated service program makes it easier for the operator to realize where the problems are - all electronic components are recorded - a diagnostic system which yet is only known for cars.

Of course is this product equipped with fully developed techniques - the measurement may control themselves constantly in the background while your work and therefore guarantee the highest exactness.

Other additional features like cutting stripes, automatic sliding function, addition of small heads are naturally included. These constructions are built in a 10m raster according to your requirements.

The company sets another standard after 75 years of pioneering work until it became market leader with more than 2.300 unities of devices sold worldwide. Because of high developing costs imitations are not expected.

You can find pneumatic clamps in the constructions DECOMATIC - just ask us - we will be happy to advise you!

The „DECOTOUCH“ is also available with BARCODE construction if requested, which avoids input mistakes. You can control the cutting directly from the office or by reading into your studio orders.

- Large 15 „touch screen
- PC based on Linux
- Big 15 „touch
- Marking device
- Pneum. Clamping down
- Multi strip device
- Aut. To sharp a knife

On request: "Or"

- Seam feeder "Or"
- Pneumatic automatic
- Einklammerung „DECOMATIC“
- Remote maintenance possible "Or"
- Speedmaster drive "Or"
- Webcam "Or"
- Barcode "Or"
- Lead-in feeder "Or"
- Catch-up bar "Or"
- Hem loader "Or"
- Velcro device "Or"

Who offers more?

Art. No.:	Equipment
3.107.450	DECOTOUCH width of device 4,5m
3.107.500	DECOTOUCH width of device 5 m
3.107.600	DECOTOUCH width of device 6 m
3.111	Surcharge additional per width per extra 10 cm / less widths
3.110.1	Surcharge per additional height 400-500 cm
3.110.2	Surcharge per additional height > 600 cm
30.114	Socle - please specify on the height
30.115.600	Hem high-speed heeling
30.116.600	Lead weighted tape heeling
30.116 D	Lead weighted tape heeling with circulation unit
30.118.600	Velcro edge guide
30.117	Speedmaster
3.600.CHECK	Remote Service Control with Webcam
388.425.MS	Microsoft PC Licence Windows 10 or Linux
61.303	Cutting machine - 100mm
61.304	XXL cutting machine - vertical type

The most advanced
decoration
measuring and
cutting device!



Fig. With recovery bar as additional equipment

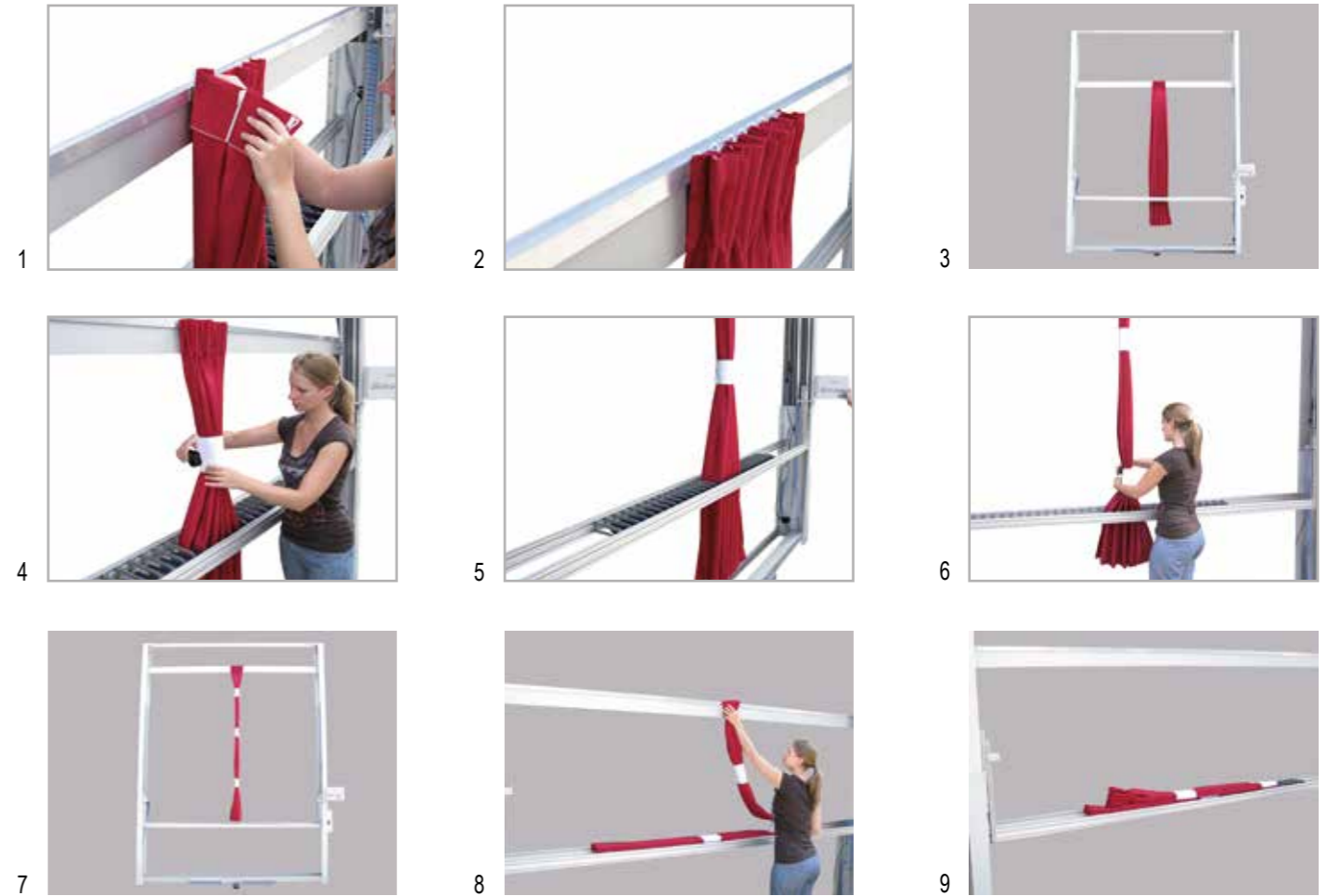


DECOMATIC – makes clamping easier

A further development with really automatically closing clamps!

- Clamps close autom. in passing, without the operator always needing to press a button. You have both hands free for the clamping. You have both hands free for clamping
- The button next to the clamps is used only for error correction – if necessary, or for laying a fold. Not like imitations to manipulate each clamp.
- The exclusion can either be done at once or the clamps open from right to left in rapid overrun.
- The DECOMATIC special equipment is optionally available for the DECOTRONIC and DECOTOUCH series.

Art. No.:	Equipment
390.306.07	DECOMATIC fits for all devices DECOTRONIC and DECOTOUCH, surcharge for devices of 500 cm wide



Art. No.:	Equipment
3.103.PP	Folding and packing machines 300 cm wide, standard height 300 cm, swivel mechanism with 30 pairs of folding hangers 13 cm long / 5 cm high and distances of 5 cm - also adjustable. L-rail for easy hooking in, electric beam drive, overfoot switch, 230 V AC compressed air required.
3.110	Surcharge for equipment in 300 - 400 cm device height.

Electro-motoric measuring and cutting to length construction

With the DECOCUT IMPULSA sets new standards as an optimal cutting device for wholesale studios



Working method:

After the lengths of cloth are sewn together, hemmed at the side and supplied with the bottom hem, the cloth is put on the DECOCUT construction running from the right to the left. Instead of manual resp. pneumatical supported wedging in the decoration lying on the left, depot is simply put in with the bottom hem.

To never-ending feeding tapes, soft emulsified grasp the decoration and feed it upwards. During the running through of the hanging cloth the infinitely in height adjustable blades cutting automatically the hem to the exact cutting to length measurements. The knife steering is the reliable component DECOTRONIC Digital Microprocessor.

On the right side the deco runs directly to the sewing place without time consuming handling, where the sewing in of the head tape is done, while the next decoration is already emulsified on the left.

The time saving is huge, as the machine needs just as less time as the straight afterwards sewing of the tapes.



Art. No.:	Equipment
3.600.400	DECOCUT, Elektro-motoric measuring-and cutting device for industrial work of decos of any width and height until cm Space: B 850 x T 50 x H cm, 230 V AC. Automatic transport of the deco through 2 endless transport Tapes from the left working platform, the measurement occurs, while the deco runs hung through the machine stepless regulated cutting device, electronic blade control through digital input on display.
61.302.2	Spare blade
388.425.MS	Microsoft PC Licence



62 mm - außen (40 mm) Loch 44 mm - außen (25 mm) Loch 29 mm - außen (15 mm) Loch

NEW DEVELOPMENT: Metal eyelets in A-Norm

Our A-norm eyelets are made out of brass in a special alloying and so better shapeable. Through the transparent cover tarnishing will be reduced.

- Easier to punch, based on the special alloying.
- Better to handle because of a shorter shaft.
- Transparent covered and very good to work with.



A-NORM

Metal eyelets

The requirements of eyelets in the decoration increased in the last years, for the application of cord tension garnitures or style garnitures. Decorative eyelets are in different materials, sizes and colors available.

Metal eyelets are in brass, chromium nickeled, gunmetal, cupric or black, and in sizes from 10-40 mm inner diameter, available. If you like it a little bit more colorful, you can take synthetic eyelets, or by more than 1.000 lot we offer color covered eyelets.

How many eyelets should be taken per width of the deco?

Per deco width you need a straight amount of eyelets. The first and last ring should be placed at least 3 cm from the edges. Small ring diameters for rope and vitrage bars, medium-sized and big diameters for style bars. The depth of the plait depends on the distance of the rings. Please consider at the upper edge of the deco width the cuff at the inside. The height depends on the choice of the rigid band. The most popular ones are 100 mm wide, other widths are available on request. The addition at the upper edge calculates as follows:

2 x rigid band = addition
e.g. 2 x 100 = 200 mm

This is also valid for transparent- and ironable rigid bands.

How do eyelets get measured?

To avoid misunderstandings, it always says at the indication the diameter of the punching hole and the internal diameter of the eyelet in the inside, so that you can easily and accurately determine the diameter of the bar or the rope.

Article-No. Ø 10	Article-No. Ø 12	Article-No. Ø 15	Article-No. Ø 25	Article-No. Ø 40	Colour
688.910.14	688.912.13	688.915.13	688.925.13	688.940.13	Brass
	688.912.14	688.915.14	688.925.14	688.940.14	Chrome nickel matt
	688.912.20	688.915.21	688.925.20	688.940.20	Gun (C)
					Black (D)
1kg, VE 1000 H=8,8mm .../10mm	1,1kg, VE 1000 H=8,8mm .../12mm	1,5kg, VE 500 H=11,3mm 30/15mm	1,8kg, VE 500 H=11mm 44/25mm	2,1kg, VE 500 H=12mm 62/40mm	

Metal eyelets

Super lightweight made from thinner material.

Article-No. Ø 40	Colour	PU
692.940.14	Chrome nickel glossy (B)	5.000
- inexpensive objects goods -		

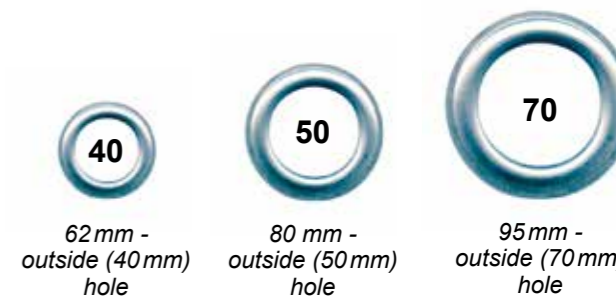
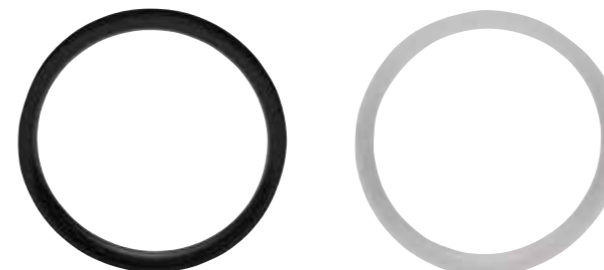
Metal eyelets in XXL

With our XXL eyelets you can also process style garnitures. We facilitate the stamping through improved tools and top quality of the material.

Article-No. Ø 40	Colour
692.940.14	Chrome nickel glossy (B)
Article-No. Ø 50	Colour
689.950.14	Chrome nickel glossy (B)
Article-No. Ø 70	Colour
689.970.14	Chrome nickel glossy (B)

Inner rings in 4 colours for 40mm eyelets A-Norm

Plastic rings for the use in metal eyelets 40 mm, A-Norm. Available in clear, black, brass coloured, silver coloured.



62 mm - outside (40 mm) hole 80 mm - outside (50 mm) hole 95 mm - outside (70 mm) hole

Eyelets slide without noise!



Art. No.:	Equipment
6.343.745.40	Transparent
6.343.745.42	Black

Plastic washers

Art. No.:	PU Ø
6.343.742.25	25 mm
6.343.742.40	40 mm



Varied stiff bands

Art. No.:	Equipment	Width	Length
6.SBT.100TRA	Transparent: for Voile, Organza, transparent cloths.	100 mm	100 m
6.SBD-77.NWA	Buckram Band: The traditional American stiffening band to sew on. For stores, especially for thinner decorations and all decorations.	77 mm	100 m
6.SBS.100	Stiffband iron-on one side, soft self-adhesive.	100 mm	100 m

Hand tools for processing plastic and metal eyelets

Hollow punch for metal eyelets in DIN-Norm

Art. No.:	PU Ø
6.344.708	8 mm
6.344.710	10 mm
6.344.712	12 mm
6.344.716	16 mm
6.344.725	25 mm
6.344.742	40 mm



Punching plate made of synthetic

Art. No.:	Equipment
6.343.790	L 225 x B 225 x H 50 mm

Impact stamp for metal eyelets in DIN-Norm

Art. No.:	PU Ø
6.343.806	6 mm
6.343.808	8 mm
6.343.810	10 mm
6.343.812	12 mm
6.343.816	16 mm
6.343.825	25 mm
6.343.842/681.840.1	40 mm



Soft-face hammer

Art. No.:	Equipment	PU Ø
685.555	100 g, blow-back proof	50 mm

Professional punching and stamping

Naturally is the commitment of a knee lever punch or an pneumatic working punch with adjustable distance device, for the most efficient function.

Art. No.:	Equipment
6.363.9	Punch with accesorie package. Punch with helve picker as requested, the support and distance device with measure arrangement for fast adjustment from hole to hole.
6.363	Punch with helve picker affiliation, quick release adapter, 2 helve picker as requested, without breaking device.



Bent lever – eyelet punch

For all eyelets with simple microadjustment by hand cranke. High compressive force for punching and pressing to manufacture all common loops up to 70 mm, cpl. with key for adjustment. The punch is simply to install on every table.

Art. No.:	Equipment
590.351	Table platter cpl. with fabric receiver.





For eyelet punching machine, with quick distance adjustment by template, (A) from hole to hole and to the top by adjustable edge guidance, without manual marking. Easy to install on nearly each punching machine.

Art. No.:	Equipment
590.350	Quick distance adjustment by template

Round hollow punch

For fabric punching from 8 to 70 mm for A-Norm and DIN-Norm eyelets



Quick-change holder

Art. No.:	DIN	mm
6.343.706		6 mm
6.343.708		8 mm
6.343.710	DIN 2	10 mm
6.343.712	DIN 4	12 mm
6.343.716	DIN 8	16 mm
6.343.725	DIN 12	25 mm
6.343.740	DIN 40	40 mm



The support

Art. No.:	Equipment
6.343.789	Compactor anvil made out of brass
6.343.789.GE	Ditto closed for EY
6.343.789.80	Extra large for EYEEMS <12mm
6.343.789.80	Extra large for EYEEMS >50mm
6.343.789.D	Refinishing of used plates



Embossing tools

For manufacture for DIN-Norm eyelets, from 8 - 40 mm.

Art. No.:	DIN	mm
6.81.810	DIN 2	10 mm
681.812	DIN 4	12 mm
681.816	DIN 8	16 mm
681.825	DIN 12	25 mm
681.840	DIN 40	40 mm



Embossing tool

For manufacture for A-Norm eyelets, from 15 - 70 mm.

Art. No.:	Norm	mm
688.806	A-Norm	6 mm
688.810	A-Norm	10 mm
688.812	A-Norm	12 mm
688.815	A-Norm	15 mm
688.825	A-Norm	25 mm
689.840.17	A-Norm	40 mm
688.850		50 mm
688.870		70 mm



Finally they are here! Effortless punching and stamping!

An inexpensive pneum. eyelet punching machine, which should replace all manuell ones!

1. Punching the holes from 8-40 mm runs over a quick-change holder for different hollow punches wich makes the changing easy and simple, no need for a new adjustment. For holes from 40-70 mm there are two quick-change holders. With a distant assistant you only adjust ones, eyelet for eyelet, the first punched hole decides where the following hole will be. You only mark the first hole.
2. For punching the eyelets – just place the bottom part of the punching tools on the machine and fix the top part with a screw. The machine stays the same.
3. For big quanta there are twin head machines available. In the first work process it punches the first marked hole, from the 2nd work process on, while punching the eyelets, the following hole will be stamped at the same time (Art.No.: 5.355 TWIN)
4. Just punch 4 to 8 holes at the same time - all gaps fit perfectly - they always have the same distance. Failure in the production excluded! Just apply fabrics plain or douple. One Work process for 8 holes! New security frame. incl. one min setting of the gaps from 16 cm and max 25 cm, for the upper edge one adjustable bedstop. Every hole size from 8-50 mm possible with quick hange holder.

Art. No.:	Equipment
581.500.P	Laser light for the middle of the hole
6.343.788	Quick-change holder 8 - 40 mm
6.343.788XXL	Quick-change holder 40 - 70 mm
688.870	Embossing tools from 8 - 70 mm
6.343.770	Desiccator plates from 8 - 70 mm



She's finally here!



Art. No.:	Equipment
6.355	Eyelet punch with 3 times security screen
5.355 E	Dito, electric driven no air
5.355 TWIN	Dito, adjustable double head machine
5.355.Q4	Quatro punching machine, 4 times

Do 8 holes with one punch!



Pneumatic eyelet punching with eyelet feeding

automatic feed from eyelet top and bottom parts.
 The die of the holes and the deep injection of the eyelets are one working process.
 Fast and clean leading through a precise metal feed.
 It is also possible to only punch holes. For different sizes of the eyelets you need matching tools, which are easy to change.
 Different material strengths are processible, since you can adjust the pressure during the swaging.
 For centering the eyelet there is an laser available. The machine is equipped with an finger protection appliance.



metal eyelets

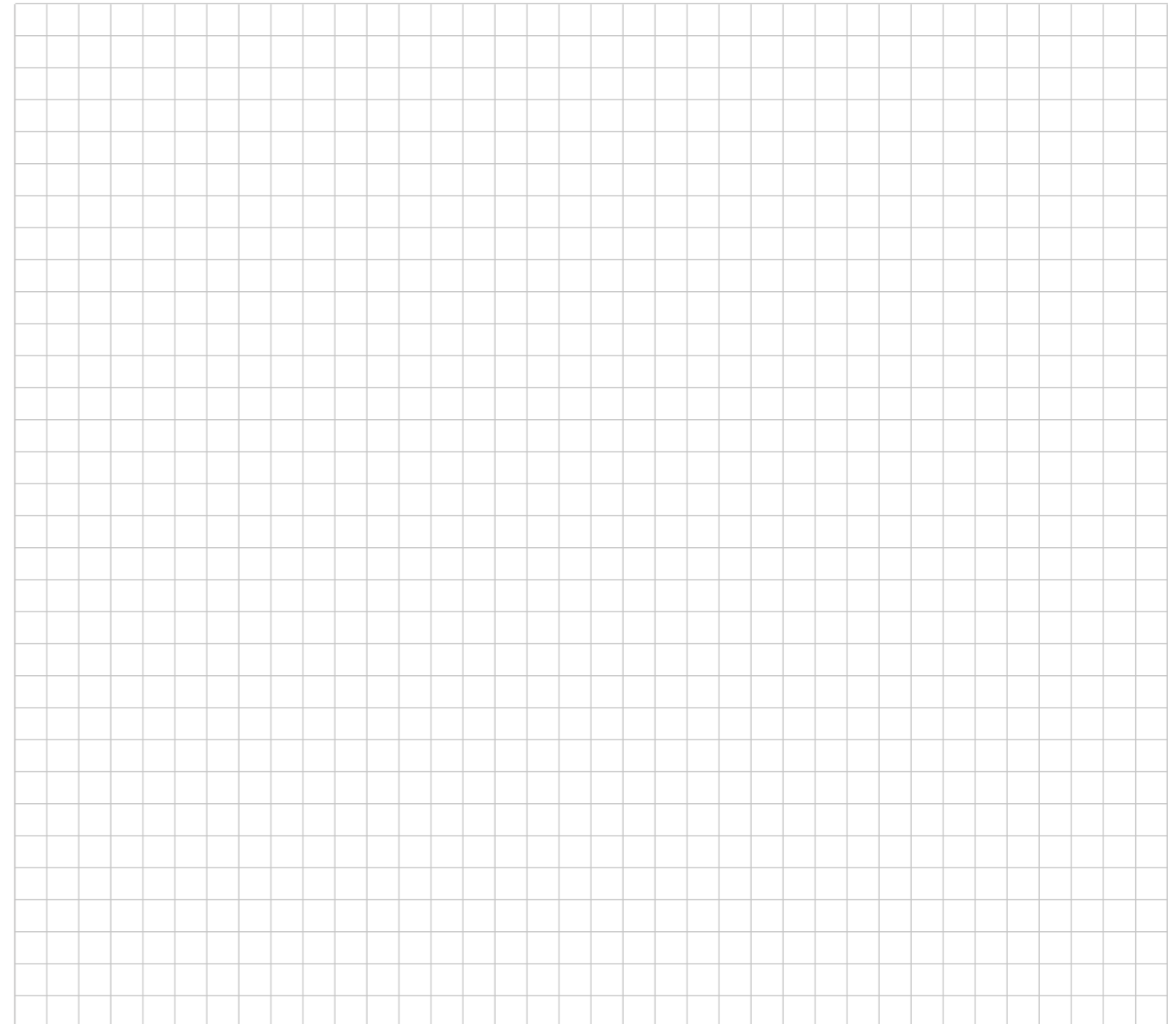
Art. No.:	Equipment
6.375.J239	Pneum. machine with aut. feed for synthetic eyelets
6.375.J279.M	Pneum. machine aut.feed for metal eyelets 10-15 mm
691.910.14	Eyelet 10 mm rustproof - different sizes avialable
691.912.14	Eyelet 12 mm rustproof - different sizes avialable
691.915.14	Eyelet 15 mm rustproof - different sizes avialable
689.940.14	Eyelet 40 mm rustproof MS-Ni
6.375.J449.M	Dito for metal eyelets 40 mm - please specify the eyelet sizes while placing your order



Pneumatic Eyelet Punching – also for fabric materials punching and connecting the eyelet parts in one working step

Art. Nr.: 6.375.J21
 We ask you to consider that fine fabrics may form minimal corrugations of the fabric next to the eyelet edge.

- Eyelets of synthetic from 12 to 20 mm
- Eyelets of metal from 10 to 15 mm, also for fabrics
- Security ring - sensor for the midpoint
- Booms 50 mm
- Also installed on a wagon or a table available. Price includes punch- and stamping tools.





Moveable steamers – D 350

Very powerful industrial steamers, moveable base, height 2,50 m, hose 2,20 m with alloy steam release head, rustproof water container with water level indication, dual thermostate, long-living heating element, 3-steps energy saving control switch, with extreme wide metal nozzle. Overall weight 15 kg, 1,5 kW, 230V AC.

Art. No.:	Equipment
60.014	D 350, with wide aluminium metal nozzle
29.002	Cleaning supplies and decalcifier

Moveable steamers – D J2

Industrial steamers, moveable base, hose 1,50 m, a bottle with scale free water simple put it overhead on the apparatus, with extra wide metal nozzle. overall weight 12kg, 1,5 KW, 230 V AC.

Art. No.:	Equipment
60.011	D J2, with wide aluminium metal nozzle
60.011 K	D J2,

Steam brush

Steaming start with a switch in the handle, heated, cpl. with wire 2 m, steam hose and plug.

Art. No.:	Equipment
60.019	Steam brush
19.018	Silicon buck



Mini steamer – D 25

The most sold steamer for decorators for final inspection of the customers. The mini steamer eliminates brilliant spots and pressure marks and also ruses from every, also highly sensitive fabrics.




















- Very handy.
- Heating with 600 W / 450 W, 230 V AC.
- Operable in 3 minutes.
- Wide steam release.
- Water container easy to refill.
- With tap water, without special salt.
- Water level indicator.
- Dual security thermostat.

Special isolated robust synthetic external housing with comfortable and handy handle. The water content of 0,25 Liter lasts for 15 minutes.

Art. No.:	Equipment
60.012	D 25, with wire, 600 W, 230 V AC



Welting feet for KI. 867 - KI. 767 - KI. 467 - KI. 367

	Item number	welting foot left		Item number	welting foot left		Item number	welting foot left
 4 mm	6.0167 6.220583 6.0367 20773	Transp. foot press foot	 5 mm	6.0167 220603 6.0367 220783	Transp. foot press foot	 6 mm	6.0167 220363 6.0367 220793	Transp. foot press foot
 7 mm	6.0167 220633 6.0367 220803	Transp. foot press foot	 8 mm	6.0167 220653 6.0367 220813	Transp. foot press foot			
 4 mm	6.0067 900245 6.0367 900136	Transp. foot press foot	 5 mm	6.0067 221423 6.0367 220423	Transp. foot press foot	 6 mm	6.0067 221433 6.0367 220433	Transp.
 7 mm	6.0067 221543 6.0367 220443	Transp. foot press foot	 8 mm	6.0067 221553 6.0367 220453	Transp. foot press foot			
 6 mm	6.0067 220863 6.0367 220363	Transp. foot press foot	 8 mm	6.0367 220383 6.0367 220373	Transp. foot press foot			
 5 mm	6.0067 900098 6.0367 900033	Transp. foot press foot	 6 mm	6.0067 900100 6.0367 900034	Transp. foot press foot	 7 mm	6.0067900245 6.0367 900136	Transp. foot press foot
 5 mm	6.0067 220924 6.0367 220653	Transp. foot press foot	 6 mm	6.0067 220934 6.0367 220663	Transp. foot press foot			
 5 mm	6.0067 220713 6.0367 220293	Transp. foot press foot	 5 mm	6.0067 220703 6.0367 220303	Transp. foot press foot			

Double locked stitch flatbed machine 6.867 CLASSIC

The CLASSIC edition with thread cutter, automatic locking, automatic fast adjustment of the yarn tension by high transit seam via caliper, 2 stitch lengths preselectable and strong servo motor - seam construction diagram, Available as long- and short arm.

Double locked stitch flatbed machine 6.867.70 FAX

For the operation in medium-weight area of application, with presser foot ventilation, 12 mm swing, stitch length up to 8 mm, with needle positioning, clearance 125 mm, with maintenance unit, with table and frame, 230 V AC.

Double locked stitch flatbed machine 6.867.L70.2N

NEW with or without asynchronous sewing device. So you have two machines in once! Just take out the left needle. Also a welting foot can be put in without problems. Then it sews like every other one needle machine!





DA 867-M Classic

additional with automatic sewing foot lift, thread trimmer and automatic locking system. These machines are ideal equipment for medium to heavy use.

- Integrated direct drive with DAC - control
- Maximum positioning speed and highest positioning accuracy
- Low-noise and low-vibration machine operation
- Power transmission w/o gear or belt reductions
- Machine identification system for managing parameters – equipped with functions such as:
 - thread trimmer
 - automatic locking system
 - automatic sewing foot lift

- Large gripper 26mm or optionally with XXL gripper 32mm for increased productivity.
- Large stitch length range 6mm - 7mm - 9mm up to max. 12 mm for standard seams and decorative stitching seams.
- Maximum foot lift of up to 20 mm makes it easier to insert and remove bulky sewing material.
- Maximum sewing foot lift height of up to 9 mm enables the safe over-sewing of high differences in position
- Integrated 6-way button strip with ergonomically arranged favorites button.

Art. No.:	Equipment
6.867 FAX	Sewing machine DA 867-M Classic Mot-Set 8/26 – EFKA Germany – sewing kit 867 E 11 for 9mm stitch length and climbing over strong transverse seams for needlesystems 110-140 – other configurations on request.
6.867.FA-2N	ditto with 2 needle system 10mm
6.867 FAXXL	ditto with Hook 32 mm bobbins
6.867 FAXXL2	ditto with Hook 32 mm bobbins
6.71-250004	Sewing light LED
6.245001660A	Bobbin 26 mm
6.667150830	Bobbin 32 mm
6.9850001311	Display large 820
6.C 2410.1	Sewing machine oil 1L
6.134-35.....	Needle system 110-160 – thread thicknesses up to a maximum of Nm 10/3

M-TYPE KL 867-190142 CLASSIC

Single needle lockstitch machine with

- bottom feed,
- needle feed and
- alternating foot top feed,
- electromagnetic thread trimmer,
- pneumatic backtacking and sewing foot lift,
- with XXL-hook, 26mm or 32mm
- with oversized two-piece vertical hook,
- safety clutch,
- adjustable sewing foot stroke height up to 9 mm with automatic speed adjustment, sewing foot lift height with needle up position up to 20 mm,
- stitch length max. 7–9 or 12 mm on request
- max. sewing speed 3,400 stitches/min.
- The extra large passage space and the slim sewing head facilitate the handling of large-area sewing material parts.



- Powerful transport system with lower, needle and alternating upper transport guarantees trouble-free and shift-free sewing material transport when processing a wide variety of material thicknesses and structures.



Sewing equipment E724 with compensating foot and integrated seam centre guide guarantee a perfect sewing result especially for contrasting coloured decorative seams.



Asymmetric sewing equipment E751/10 and sewing attachment N027 for cut-off seams on awning membranes / canvas.

3-fold feed – long arm 70 cm

Sewing heavy materials in its most beautiful form!

Sewing operations on large-area, voluminous workpieces in the production of home and car upholstery as well as technical textiles require the use of longarm machines with large clearance, strong material feed and long stitch lengths. The robust, low-maintenance construction, the excellent sewing result and the high performance of the 867-70-M series offer ideal conditions for medium-heavy duty applications. Due to its large clearance of 700 mm, the 867-70-M enables the unhindered execution of topstitching work on upholstery parts, assembly or cross-cut seams on awning or tent panels.

Your advantages:

- Large clearance of 700 mm in width and 125 mm in height facilitates the handling of large-area workpieces.
- Other lengths with a clearance of 500 or 1,000 mm are available on request.
- Powerful feed system with bottom feed, needle feed and alternating foot top feed
- Powerful direct drive integrated in the machine head with outstanding performance parameters
- Optional XXL hook for increased productivity
- Large stitch length range up to 12 mm for standard and decorative topstitching seams
- Extremely high sewing foot lift up to max. 20 mm facilitates insertion and removal of voluminous sewing material
- Maximum sewing foot stroke height up to 9 mm enables safe over stitching of high layer differences
- Thread counts up to max. Nm 10/3
- Low noise level
- Central oil wick lubrication (minimum lubrication system)
- Complete range of sewing equipment, attachments and accessories, i.e. optimum equipment for almost all operations

867-70-M CLASSIC – equipped with automatic basic functions such as: Thread trimmer, automatic backtacking, automatic sewing foot lift. Mot-Set 8/26 – EFKA Germany – sewing kit 867 E 11 for 9mm stitch length and climbing over strong transverse seams for needlesystems 110-140 – other configurations on request.

867-70 FAX CLASSIC High End – equipped with automatic basic functions and additional functions such as: integrated second stitch length, integrated second thread tension, quick stroke adjustment, oil warning indicator and integrated LED sewing light

- Integrated direct drive with networkable DAC classic control incl. OP1000 control panel – „Industry 4.0 ready
- Machine identification memory (machine ID) with all machine-specific control information enables easy commissioning with the DAC classic control (plug and play)



Art. No.:	Equipment
6.867.70 FAX	Sewing machine DA 867-M Classic Mot-Set 8/26 – EFKA Germany – sewing kit 867 E 11 for 9mm stitch length and climbing over strong transverse seams for needlesystems 110-140 – other configurations on request.
6.867.70FAX2	ditto with 2 needle system 10mm
6.867 70XXL	ditto with Hook 32 mm bobbins
6.867 70XXL2	ditto with Hook 32 mm bobbins
6.71-250004	Sewing light LED
6.245001660A	Bobbin 26 mm
6.667150830	Bobbin 32 mm
6.9850001311	Display large 820
6.C 2410.1	Sewing machine oil 1L
6.134-35.....	Needle system 110-160 – thread thicknesses up to a maximum of Nm 10/3



With shuttle foot for topstitching seat covers.



Oversized XXL vertical hook (Ø 32 mm) for universal sewing.



Sewing device E724/12 for topstitching large, voluminous upholstery parts.



Sewing equipment E724/12 for two-needle decorative seams on particularly large padded leather upholstery covers.

Optional puller drive –

Electronically driven puller (0867 591144) with upper and lower roller ensures perfect material feed with up to 15 mm feed per stitch for transport-critical and large-area sewing material.



Asymmetric sewing equipment

Allows easy conversion of a 2-needle machine to a true 1-needle machine with the presser foot in the 1-needle machine with presser foot in centred position so that this universal machine

can also accommodate piping feet, for example, as opposed to a standard 2-needle machine.



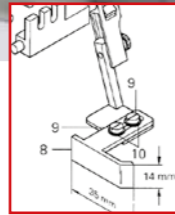
High End: Electronic handwheel:

The electronic handwheel makes working on the longarm machine particularly ergonomic. In the direct grip area, it enables precise needle positioning for accurate work.





seam guide slewable



Triple transport fully equipped

1 needle double locked stitch, triple transport sewing machine, with bottom, top and needle feed.

- for leather, artificial fabrics, all kind of fabrics
- with a big looper and hook lubrication, thus 60% more capacity of the bobbin
- automatic locking
- presser foot ventilation
- thread clipper
- 2 stitch length recallable via keypad
- stitch length max. 8 mm
- quick-change stepping control via keypad
- servo motor and control panel, 230 V
- cpl. with table 106 x 60 cm and frame

WERKMEISTER Longarm 6.1767-81

Sewing heavy materials with a large material passage of 70 cm!

Ideal for the upholsterer and interior decorator! Particularly smooth-running machines for processing medium-heavy materials such as upholstery, tents, car seats, bag-making work, piping work, etc. Choose one of the two servo drives HS 90i or EFKA made in Germany.

- With servo motor
- With digital servo motor

All machines are equipped:

- With horizontal gripper
- For all needle sizes up to 140
- Uniform feed of the material without mutual shifting of individual sewing material layers
- Standard overload clutch
- With large table 105 x 60 cm and frame



TECHNICAL SPECIFICATIONS

Stitch length max: 6 - 9 mm
 Needle bar stroke: 36 mm
 Material passage: 16 mm
 Thread size: up to 30/3
 Needle type: 134-35R / 100-140



Art. No.:	Equipment
6.1767 FAX	1-Needle machine fully equipped, thread clipper, aut. locking, presser foot ventilation, 5 funktion keypad, table 106 x 60 cm, german Efka servo motor, strong and energy saving, with control panel
6.1767-2NFAX	2 needle machine fully equipped, triple feed, needle distance 10 mm, also available in 8 mm
6.134 -35R/LR ..	Needle system 100 - 160 (= 10 needles)
6.0167220603 T.F	Welting foots behind 5 mm
6.0367220783 D.F	Welting foot in front 5 mm
6.0167220653 T.F.	Welting foot behind 8 mm
6.0367220813 D.F.	Welting foot in front 8 mm
6.0367220303 T.F.	Welting foot behind
6.0067220703 D.F.	Welting foot in front
6.0245001660A	Spool
6.8704913033	Seam guide swivable
6.134-35.....	Needle system 100-160 - Thread thicknesses up to a maximum of Nm 20/3

Art. No.:	Equipment
6.1967-81	WERKMEISTER 1767, 230 V, 1-needle triple feed – thread cutter, presserFL, automatic locking
6.1967-82	WERKMEISTER 1767, 230 V, 2-needles triple feed – thread cutter, presserFL, automatic locking
6.EFKA	Surcharge for German EFKA servo drive and display
6.245001660A	Bobbin 26 mm
6,134-35R....	Needle systems 134-35R / 90 -140
6.870 4913033	Edge ruler, pivotable
6.1C 2410.1	Sewing machine oil 1 l

Sewing feet for triple feed machines

welting feet (fixed) and edge feet. welting foot Kantenfüße fine, up to 6 mm stitch length



6.S31 3.2



6.1211.KF3.2



6.S31 4.8



6.1211.KF4.8



6.S31 6.4



6.1211.KF6.4

Art. No.:	Equipment
6.S31 3.2	welting foot 3,2 mm
6.1211.KF3.2	
6.S31 4.8	welting foot 4,8 mm
6.1211.KF4.8	
6.S31 6.4	welting foot 6,5 mm
6.1211.KF6.4	



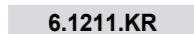
6.LFT



6.1211.KL



6.RFT



6.1211.KR

Art. No.:	Equipment
6.LFT	Edge foot left
6.1211.KL	
6.RFT	Edge foot right
6.1211.KR	
6.1211.KF 10	Welting foot 10 mm 2 pieces
6.1211.KF 8	Welting foot 8 mm 2 pieces

Bead on plate weld-manufacture-assortment



adapter



1 kit of welting feet



application

Art. No.:	Equipment
6.DKF	For 1211
6.1085.OKE	For 1085
6.OKE.1767	For DA series 67,167,267
6.OKE.1245	For Pfaff 145, 545, 1245
6.OKE.1525	For Pfaff 1425, 1525



Sewing workstation 1565 - 65 cm wide passage

Best for sewing of middle to heavy weight fabrics, synthetics and leather. Sewing feet identical to model no. 1211.

- Needle feed, under and upper feed
- big sized hook
- passage 65 cm
- winder on upper side

- Autom. hook lubrication
- feed upstroke 7 mm, very high, allows sewing of thick materials
- pneum. foot lifter
- material passage 14 mm
- stitch length 8mm max.
- Max. 2500 U/min
- Servo Motor 230 V AC

Art. No.:	Equipment
6.1565 LE	Longarm 65cm sewing work place complete – triple feed -energy saving super strong SERVO-Motor, needle positioning - thread cutter and presser foot lifting, 230 VAC
6.1566 LE 2	ditto 2- needles with gauge of 9,5mm Keder feet on page.156
6.1245607CN9	Set for welting, without welting sleeve, templates for welting sleeves - binding tool
6.1565L2.001	seam centering duct
6.1WFA-085	Bobbin
6.R134-35...	Needle system .100/110/120/140/160



**IMPULS APPARATEBAU
Jaeger & Sohn GmbH**

P.O.-Box 1364

75403 Muehlacker, Germany

Phone: +49 (0) 7041 - 95 95 0

EXPORT: sales@impulsa.de

D/AT/CH: vertrieb@impulsa.de

www.impulsa.de

Service Center – Customer service:

Phone: +49 (0) 7041 - 95 95 60

impulsa®