

Habasit Fabrication Devices

Habasit – Solutions in motion

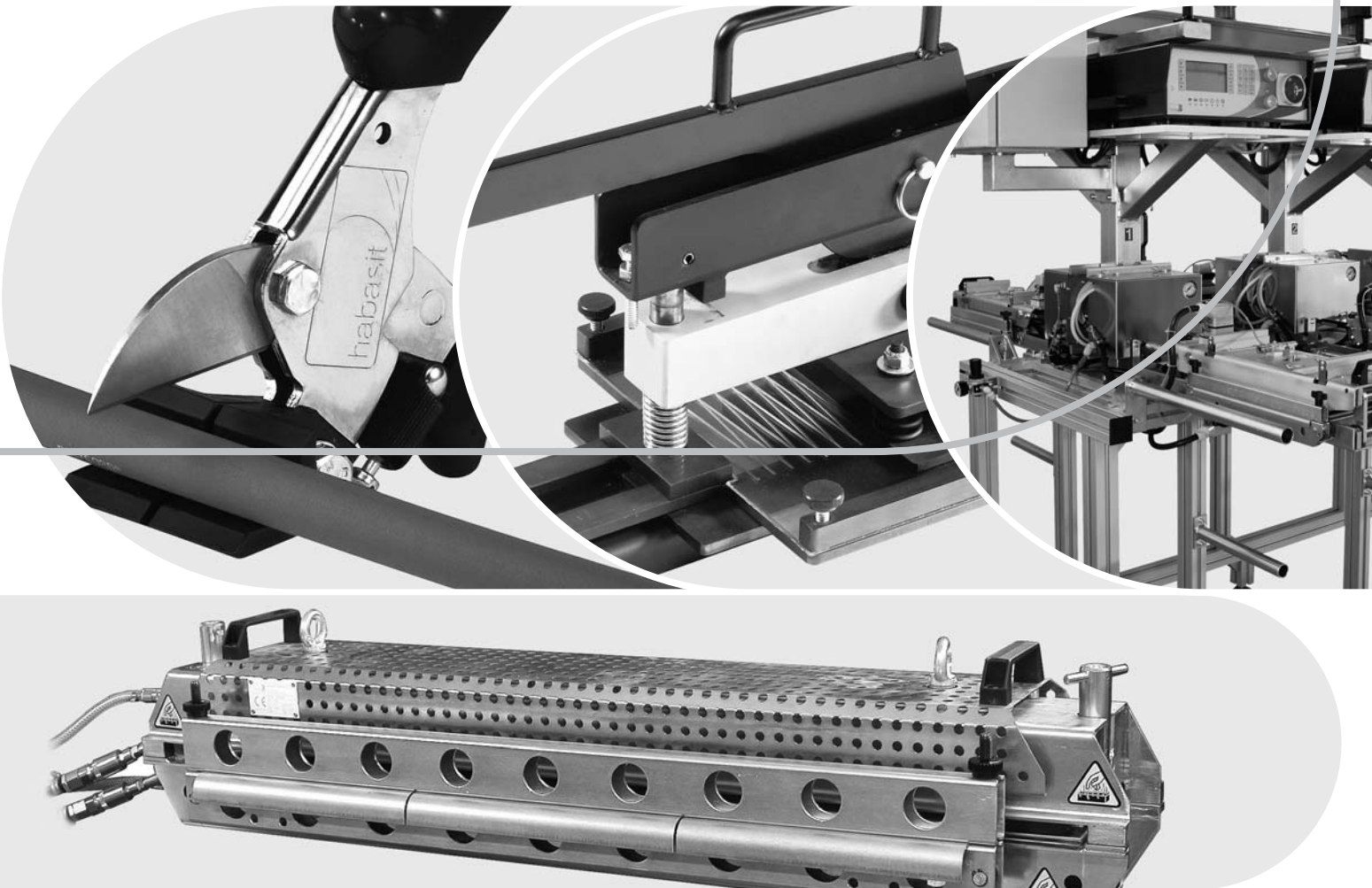


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Joining methods

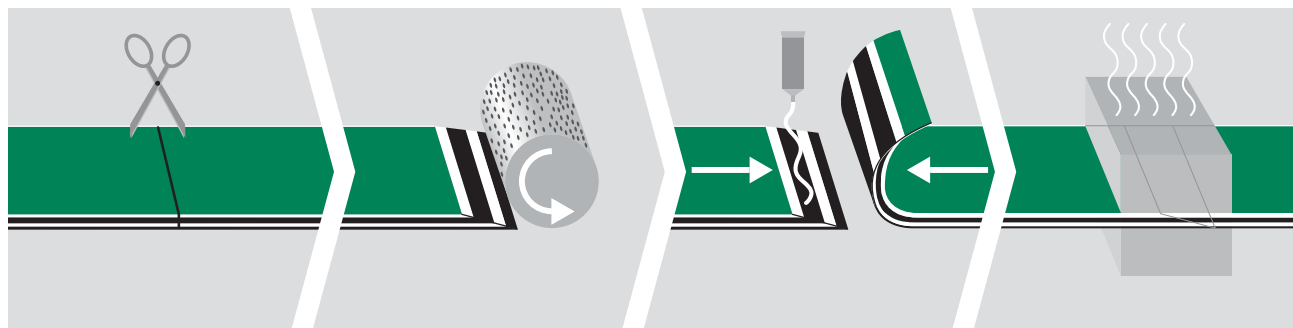
Thermofix

Cut to dimensions

Skive

Apply adhesive

Hot-pressing



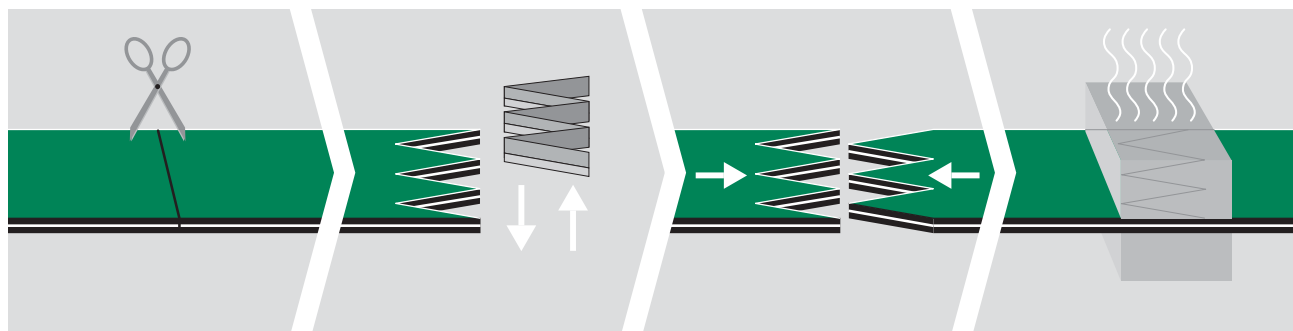
Flexproof

Cut to dimensions

Die-cut/Finger-cut

Joining

Hot-pressing

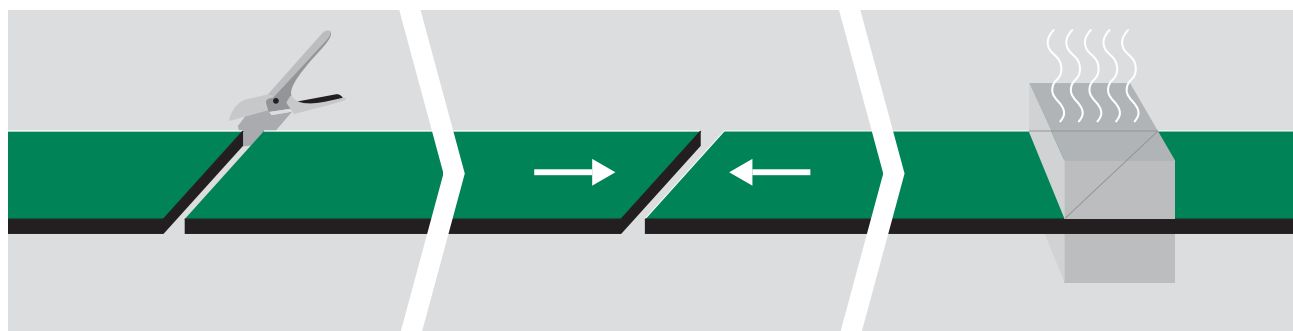


Quickmelt

Cut to dimensions and angle

Joining

Hot-pressing



Cutting devices, longitudinal

SM-120



Joining system	Multisystem			
Belt/tape width max.	mm	120	<i>in.</i>	4.8
Cutting width per operation	mm	120	<i>in.</i>	4.8
Belt/tape thickness max.	mm	5	<i>in.</i>	0.2
Electric power supply	V	3*230/400	W	500
Compressed air supply	bar	6	<i>psi</i>	87
Dimensions (L*W*H)	mm	750*1,100*1,800		
	<i>in.</i>	29.5*43.3*70.9		
Weight net	kg	250	<i>lbs.</i>	551.2

The SM-120 is a cutting machine to longitudinally cut Habasit belts and tapes up to a width of 120 mm and a thickness of 5 mm. It is especially suitable to cut sleeves (i.e. slitting after joining). Sleeves up to a length of 800 mm/32 *in.* can be tensioned around two rollers and cut like this; longer sleeves have to be fed manually. Side guides that can be shifted by thumb screws make aligning the belt with the blades easy. Circular blades and cutting roller are driven by a speed adjustable electric motor. The belt is tensioned with a pneumatic cylinder. Blades are lowered into the belt by means of a manual lever. The SM-120 is suitable for fabrication from single belts up to large series.

SM-600



Joining system	Multisystem			
Belt/tape width max.	mm	1,200	<i>in.</i>	48
Cutting width per operation	mm	600	<i>in.</i>	24
Belt/tape thickness max.	mm	30	<i>in.</i>	1.2
Electric power supply	V	3*230/400	W	2,000
Compressed air supply	bar	–	<i>psi</i>	–
Dimensions (L*W*H)	mm	2,400*900*1,900		
	<i>in.</i>	94.5*35.4*74.8		
Weight net	kg	430	<i>lbs.</i>	948

The SM-600 is a cutting machine to longitudinally cut Habasit belts and tapes up to a width of 600 mm (max. in-feed 1,200 mm). The machine is also well suitable for cutting sleeves (belts made endless before cutting); minimum endless belt length in this case is 350 mm/14 *in.* The machine features exceptionally large circular blades, which allow cutting belts with cleats or guiding profiles attached. Circular blades and cutting roller are driven by a speed adjustable electric motor. Blades are lowered into the belt by an exactly positioning hydraulic cylinder. The SM-600 is well suitable for fabrication of single belts up to large series.

Cutting devices, longitudinal

SM-1203



Joining system	Multisystem			
Belt/tape width max.	mm	1,480	<i>in.</i>	58.3
Cutting width per operation	mm	1,410	<i>in.</i>	55.5
Belt/tape thickness max.	mm	10	<i>in.</i>	0.4
Electric power supply	V	3*230/400	W	3,500
Compressed air supply	bar	6	<i>psi</i>	87
Dimensions (L*W*H)	mm	1,505*2,835*1,750		
	<i>in.</i>	59.3*111.6*68.9		
Weight net	kg	1,230	<i>lbs.</i>	2,711.7

The SM-1203 is a cutting machine to longitudinally cut Habasit belts and tapes up to a width of 1,410 mm and a thickness of 10 mm (depending on material). The belt is clamped between rollers both before and after the cutting station and drawn through the machine by these driven clamping rollers. Circular blades and cutting roller are driven electrically. Circular blades are set in individual heads, so are quick to set up. They are engaged individually by means of pneumatic cylinders. Minimum distance of any two blades (= minimum belt width that can be cut) is 100 mm/4 *in.* Complemented by off-reeling CW-1204 and winder CW-1205 the SM-1203 is suitable for high-volume fabrication.

SM-1603



Joining system	Multisystem			
Belt/tape width max.	mm	1,800	<i>in.</i>	72
Cutting width per operation	mm	1,730	<i>in.</i>	68.1
Belt/tape thickness max.	mm	10	<i>in.</i>	0.4
Electric power supply	V	3*230/400	W	3,500
Compressed air supply	bar	6	<i>psi</i>	87
Dimensions (L*W*H)	mm	1,505*3,155*1,750		
	<i>in.</i>	59.3*124.2*68.9		
Weight net	kg	1,350	<i>lbs.</i>	2,976.2

The SM-1603 is a cutting machine to longitudinally cut Habasit belts and tapes up to a width of 1,730 mm and a thickness of 10 mm (depending on material). The belt is clamped between rollers both before and after the cutting station and drawn through the machine by these driven clamping rollers. Circular blades and cutting roller are driven electrically. Circular blades are set in individual heads, so are quick to set up. They are engaged individually by means of pneumatic cylinders. Minimum distance of any two blades (= minimum belt width that can be cut) is 100 mm/4 *in.* Complemented by off-reeling CW-1604 and winder CW-1605 the SM-1603 is suitable for high-volume fabrication.

Cutting devices, longitudinal

SM-2003



Joining system	Multisystem			
Belt/tape width max.	mm	2,110	<i>in.</i>	83
Cutting width per operation	mm	2,040	<i>in.</i>	80.3
Belt/tape thickness max.	mm	10	<i>in.</i>	0.4
Electric power supply	V	3*230/400	W	3,500
Compressed air supply	bar	6	<i>psi</i>	87
Dimensions (L*W*H)	mm	1,505*3,475*1,750		
	<i>in.</i>	59.3*137*68.9		
Weight net	kg	1,470	<i>lbs.</i>	3,240

The SM-2003 is a cutting machine to longitudinally cut Habasit belts and tapes up to a width of 2,040 mm and a thickness of 10 mm (depending on material). The belt is clamped between rollers both before and after the cutting station and drawn through the machine by these driven clamping rollers. Circular blades and cutting roller are driven electrically. Circular blades are set in individual heads, so are quick to set up. They are engaged individually by means of pneumatic cylinders. Minimum distance of any two blades (= minimum belt width that can be cut) is 100 mm/4 *in.* Complemented by off-reeling CW-2004 and winder CW-2005 the SM-2003 is suitable for high-volume fabrication.

Cutting devices, transversal

S-16



Joining system	Quickmelt			
Belt/tape width max.	mm	Ø 15	<i>in.</i>	Ø 0.6
Cutting width per operation	mm	–	<i>in.</i>	–
Belt/tape thickness max.	mm	Ø 15	<i>in.</i>	Ø 0.6
Electric power supply	V	–	W	–
Compressed air supply	bar	–	<i>psi</i>	–
Dimensions (L*W*H)	mm	165*40*45		
	<i>in.</i>	6.5*1.6*1.8		
Weight net	kg	0.2	<i>lbs.</i>	0.4

The S-16 cutting device is a manual cutting tool to cut Polycord round belts to the required length before the Quickmelt joining procedure takes place. The S-16 allows performing a proper right-angled cut up to 15 mm diameter.

Cutting devices, transversal

AQ-40



Joining system	Quickmelt			
Belt/tape width max.	mm	40	<i>in.</i>	1.57
Cutting width per operation	mm	–	<i>in.</i>	–
Belt/tape thickness max.	mm	3	<i>in.</i>	0.12
Electric power supply	V	–	W	–
Compressed air supply	bar	–	<i>psi</i>	–
Dimensions (L*W*H)	mm	220*80*55		
	<i>in.</i>	8.7*3.2*2.2		
Weight net	kg	0.3	<i>lbs.</i>	0.7

The scissors for cutting to length AQ-40 permit clean cutting of tapes at a 60° angle to prepare them for a Quickmelt joint. Tapes up to 40 mm wide and 3 mm thick can be cut to length with these scissors.

SL-70



Joining system	Profiles			
Belt/tape width max.	mm	–	<i>in.</i>	–
Cutting width per operation	mm	–	<i>in.</i>	–
Belt/tape thickness max.	mm	70	<i>in.</i>	2.76
Electric power supply	V	–	W	–
Compressed air supply	bar	6	<i>psi</i>	87
Dimensions (L*W*H)	mm	410*1,900*700		
	<i>in.</i>	16.1*74.8*27.6		
Weight net	kg	85	<i>lbs.</i>	187.4

The SL-70 is a «guillotine» to cut profiles, thermoplastic round belts and thermoplastic v-belts to length. It features a pneumatically operated blade, two-hand button safety control and a ruler with stop block to precisely set length of the cut plastic profiles. It comes with a set of guiding blocks that fit a wide range of profiles. The SL-70 is especially suitable for preparation of medium-sized to large series of profiles.

Preparing devices (skiving tools)

AT-60



Joining system	Thermofix			
Belt/tape width max. for joining angle of 90° or 75°	mm 90°	60	<i>in.</i> 90°	2.4
	mm 75°	25	<i>in.</i> 75°	1
Belt/tape thickness max.	mm	2	<i>in.</i>	0.08
Electric power supply	V	–	W	–
Compressed air supply	bar	–	<i>psi</i>	–
Dimensions (L*W*H)	mm	220*190*85		
	<i>in.</i>	8.7*7.5*3.4		
Weight net	kg	1.5	<i>lbs.</i>	3.3

The AT-60 is a preparing device for skiving of Habasit belts and tapes up to a width of 60 mm and a thickness of 2 mm. The belt is clamped and stuck to a steel plate. It is ground manually by means of a grinding disk. Adjustment to belt thickness is possible in two steps. The AT-60 is especially suitable for occasional preparation of single belts or spindle tapes on site in maintenance. It is not designed for fabrication in series.

AT-200



Joining system	Thermofix			
Belt/tape width max. for joining angle of 90°, 75°, 60°	mm 90°	200	<i>in.</i> 90°	8
	mm 75°	150	<i>in.</i> 75°	6
	mm 60°	90	<i>in.</i> 60°	3.5
Belt/tape thickness max.	mm	7	<i>in.</i>	0.28
Electric power supply	V	1*230	W	–
Compressed air supply	bar	–	<i>psi</i>	–
Dimensions (L*W*H)	mm	385*405*185		
	<i>in.</i>	15.2*16*7.3		
Weight net	kg	12.2	<i>lbs.</i>	26.9

The AT-200 is a preparing device for skiving of Habasit belts and tapes up to a width of 200 mm and a thickness of 7 mm. The belt is clamped and stuck on a steel table. This table is adjustable in tilt in six steps; it is fed under a grinding drum on precise guides. For the drive of the unit there are two options: The device equipped with a high-torque power drill, or with a stub axle to be driven/motorized according to the desires of the customer. Feed of the table is by means of a hand wheel. The AT-200 is suitable for preparation of belts and tapes in small- to medium-sized series. The tool is not robust enough for large series fabrication.

Preparing devices (skiving tools)

AT-305



Joining system	Thermofix			
Belt/tape width max. for joining angle of 90° or 75°	mm 90°	300	<i>in. 90°</i>	12
	mm 75°	220	<i>in. 75°</i>	8.8
Belt/tape thickness max.	mm	6	<i>in.</i>	0.24
Electric power supply	V	3*230/400 1*120/230	W	750
Compressed air supply	bar	–	<i>psi</i>	–
Dimensions (L*W*H)	mm	650*800*500		
	<i>in.</i>	25.6*31.5*19.7		
Weight net	kg	110	<i>lbs.</i>	242.5

The AT-305 is a preparing device for skiving of Habasit belts up to a width of 300 mm and a thickness of 8 mm. The belt is clamped and stuck on a steel table. This table is adjustable in tilt and is fed under a grinding drum on precise guides. The grinding drum is driven by a powerful three-phase electric motor; feed is by means of a hand wheel. The result of this operation is a precise skiving, even on the most-demanding belt products. The AT-305 is especially suitable for preparation of Thermofix joints of power transmission belts in the fabrication workshop. There is a similar device, AT-306, with automatic self-contained hydraulic feed drive. An upgrading kit is available to modify AT-305 to AT-306. For wider applications (e.g. conveyor belts), the A-600 skiver and the AT-1205 disk skiver are better suitable.

AT-306



Joining system	Thermofix			
Belt/tape width max. for joining angle of 90° or 75°	mm 90°	300	<i>in. 90°</i>	12
	mm 75°	220	<i>in. 75°</i>	8.8
Belt/tape thickness max.	mm	6	<i>in.</i>	0.24
Electric power supply	V	3*230/400	W	1,000
Compressed air supply	bar	–	<i>psi</i>	–
Dimensions (L*W*H)	mm	1,000*1,100*1,400		
	<i>in.</i>	40*44*56		
Weight net	kg	200	<i>lbs.</i>	440

The AT-306 is a preparing device for skiving of Habasit belts up to a width of 300 mm and a thickness of 8 mm. The belt is clamped and stuck on a steel table. This table is adjustable in tilt and is fed under a grinding drum on precise guides. The grinding drum is driven by a powerful three-phase electric motor; feed is by means of a self-contained two-speed electro-hydraulic drive. A nonadjustable fast one for in-feed and an adjustable one for slow-working speed. This feed gives smooth automatic and productive operation. No operator intervention is necessary during the skiving process. The result of this operation is a precise skiving, even on the most demanding belt products. A powerful grinding dust extraction system is available as an option. The AT-306 is especially suitable for preparation of Thermofix joints of power transmission belts in the fabrication workshop in large series. There is a similar device, AT-305, with manual feed for less demanding environments.

Preparing devices (skiving tools)

A-600



Joining system	Thermofix			
Belt/tape width max. for joining angle of 90° or 75°	mm 90°	600*	<i>in.</i> 90°	24*
	mm 75°	600	<i>in.</i> 75°	24
Belt/tape thickness max.	mm	6	<i>in.</i>	0.24
Electric power supply	V	1*120/230	W	850
Compressed air supply	bar	–	<i>psi</i>	–
Dimensions (L*W*H)	mm	875*445*255		
	<i>in.</i>	34.5*17.5*10		
Weight net	kg	32	<i>lbs.</i>	70.6

*(wider if used in several steps)

The A-600 is a preparing device for skiving of Habasit belts and tapes up to a width of 600 mm and a thickness of 6 mm. It features a frame to firmly clamp the belt and hold it in the correct position on the table for grinding the skiving. Material is ground off using a belt sander. This belt sander is precisely guided on the frame, resulting in a skiving of precisely the required geometry. The machine is of «open throat» design, i.e. wider than nominal belts can be prepared in several steps. The A-600 is suitable for on-site preparation and low- to medium-volume preparation of Thermofix joints of conveyor belts in the fabrication workshop.

AT-1201



Joining system	Thermofix			
Belt/tape width max. for joining angle of 90° or 75°	mm 90°	1,200	<i>in.</i> 90°	48
	mm 75°	1,200	<i>in.</i> 75°	48
Belt/tape thickness max.	mm	6.5	<i>in.</i>	0.26
Electric power supply	V	3*230/400	W	1,500
Compressed air supply	bar	6	<i>psi</i>	87
Dimensions (L*W*H)	mm	2,060*720*1,600		
	<i>in.</i>	81.1*28.4*63		
Weight net	kg	320	<i>lbs.</i>	705.5

The AT-1201 is a preparing device for skiving of Habasit belts up to a width of 1,200 mm and a thickness of 6.5 mm. The belt is clamped in a robust frame and precisely held in position. A grinding disk that is adjustable both in tilt (to control skiving length) and height (to control the thickness of the remaining lip) is then continuously run over the belt end, grinding it to the desired wedge shape. Feed of the grinding head is adjustable in a wide range to match various belt materials. The machine is of «open throat» design, i.e. wider belts can be skived in multiple steps. The AT-1201 is especially suitable for high-volume fabrication of conveyor belts with Thermofix joints.

Preparing devices (die-cutting tools)

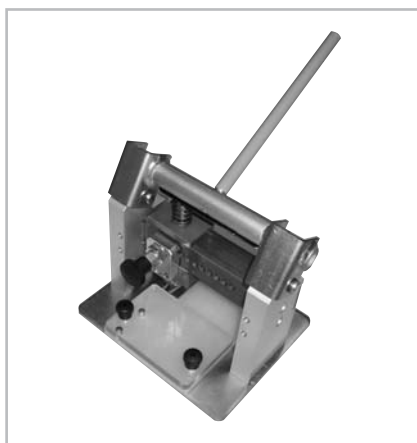
AF-30



Joining system	Flexproof			
Belt/tape width max.	mm	30	<i>in.</i>	1.2
Belt/tape thickness max.	mm	3	<i>in.</i>	0.12
Electric power supply	V	–	W	–
Compressed air supply	bar	–	<i>psi</i>	–
Dimensions (L*W*H)	mm	280*180*570		
	<i>in.</i>	11*7.1*22.4		
Weight net	kg	12	<i>lbs.</i>	26.5

The AF-30 is a device for preparing (die cutting) of Habasit belts and tapes up to a width of 30mm and a thickness of 3mm for Flexproof (finger) joints. It is suitable for the standard Habasit finger geometries with a pitch of 6 or 8*3mm (different cutting heads). Die-cutting is done in just two manual strokes, resulting in the most precise finger cut and therefore optimum joint strength. The AF-30 lends itself especially well to low-to high-volume production of spindle and machine tapes off pre-cut coils.

AF-61/0



Joining system	Flexproof			
Belt/tape width max.	mm	60	<i>in.</i>	2.4
Belt/tape thickness max.	mm	3	<i>in.</i>	0.12
Electric power supply	V	–	W	–
Compressed air supply	bar	–	<i>psi</i>	–
Dimensions (LxWxH)	mm	180*150*170		
	<i>in.</i>	7.1*6*6.8		
Weight net	kg	4.2	<i>lbs.</i>	9.24

The AF-61/0 is a preparing device (die-cutting tool) for 8x30 mm Flexproof finger geometry. It is designed mainly for Habasit machine tapes and belts up to 3 mm thickness. The AF-61/0 has a movable cutting head with two blades. It can be positioned by a pin in steps of 8 mm, ensuring the required accuracy. The fingers are thus cut manually step by step by means of a lever. AF-61/0 is designed and suitable for occasional on-site preparation of Hamid tapes and belts.

Preparing devices (die-cutting tools)

AF-100/US



Joining system	Flexproof			
Belt/tape width max.	mm	100	<i>in.</i>	4
Belt/tape thickness max.	mm	6	<i>in.</i>	0.24
Electric power supply	V	–	W	–
Compressed air supply	bar	–	<i>psi</i>	–
Dimensions (L*W*H)	mm	650*215*270		
	<i>in.</i>	25.6*8.5*10.6		
Weight net	kg	13.5	<i>lbs.</i>	29.8

The AF-100/US is a device for preparing (die-cutting) of Habasit belts and tapes up to a width of 100 mm and a thickness of 6 mm for Flexproof joints. The belt is securely clamped on a movable carriage. This carriage is positioned in steps of 10 mm under a die-cutting head. The die-cutting head with two knife blades is then actuated with an eccentric lever, providing enough force to cut even the strongest Aramid fabrics with ease. The fingers are thus cut step by step, ensuring the most precise geometry of the cut and therefore optimum tensile strength of the resulting joint. The AF-100/US is particularly suited for preparing Flexproof joinable power transmission belts and machine tapes (TF range, TC range, CM/Flexfold range, Hamid range). It is well suitable for on-site preparation but also works well for small- to medium-sized fabrication in the workshop.

AF-102

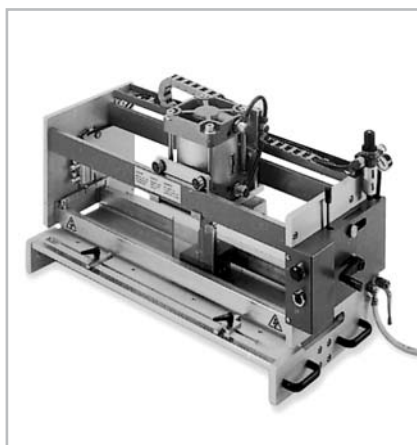


Joining system	Flexproof			
Belt/tape width max.	mm	100	<i>in.</i>	4
Belt/tape thickness max.	mm	2	<i>in.</i>	0.08
Electric power supply	V	–	W	–
Compressed air supply	bar	–	<i>psi</i>	–
Dimensions (L*W*H)	mm	200*52*85		
	<i>in.</i>	8*2*3.3		
Weight net	kg	1.6	<i>lbs.</i>	3.5

The AF-102 is a device for preparing (finger cutting) of Habasit machine tapes up to width of 100 mm and a thickness of 2 mm for Flexproof (finger) joints. It is suitable for the standard Habasit finger geometry 8*30 mm. The tape is positioned and securely clamped on an aluminum support. Fingers are then cut manually. The cutter is precisely positioned on the support with a pin matching a row of precisely cut indexing grooves; the angle is given by a guiding block fixed to the cutter. The AF-102 is suitable for occasional on-site preparation of Hamid tapes. For high-volume production there are better tools.

Preparing devices (die-cutting tools)

AF-603



Joining system	Flexproof			
Belt/tape width max.	mm	600	<i>in.</i>	24
Belt/tape thickness max.	mm	8	<i>in.</i>	0.31
Electric power supply	V	–	W	–
Compressed air supply	bar	6	<i>psi</i>	87
Dimensions (L*W*H)	mm	940*430*560		
	<i>in.</i>	37*16.9*22		
Weight net	kg	85	<i>lbs.</i>	187.4

The AF-603 is used for efficient die-cutting of Habasit belts and tapes up to a width of 600 mm and a thickness of 8 mm for the Flexproof joining method. It is suitable for all standard Habasit finger geometries with a pitch of 10 mm, 20 mm, or 8 mm. Other geometries can be made with special multiple finger punching heads. Die-cutting operation is pneumatic, lateral feed of the punching head is manual by means of an indexed crank drive. The bridge design of the preparing device allows efficient preparation of belts in series (the end cut of the last belt is at the same time the start cut of the next). The machine is of «open throat» design, i.e. wider belts can be punched in several steps. The machine is transportable in a station wagon or van, thus is also well suitable for on-site preparation. The AF-603 is ideal for medium-volume conveyor belt fabrication, either on site or in the fabrication workshop.

AFZ-1200



Joining system	Flexproof, Stepflex			
Belt/tape width max.	mm	1,250	<i>in.</i>	50
Belt/tape thickness max.	mm	8	<i>in.</i>	0.31
Electric power supply	V	–	W	–
Compressed air supply	bar	6	<i>psi</i>	87
Dimensions (L*W*H)	mm	1,905*890*1,400		
	<i>in.</i>	75*35*55.1		
Weight net	kg	255	<i>lbs.</i>	562.2

The AFZ-1200 is used for efficient die-cutting of Habasit belts and tapes up to a width of 1,250 mm and a thickness of 8 mm for the Flexproof or Step-Flex (only two-ply belts) joining methods. It is suitable for all standard Habasit finger geometries with a pitch of 10 mm or 20 mm. Other geometries can be made with special multiple finger punching heads. Die-cutting operation is pneumatic, lateral feed of the punching head is manual by means of an indexed crank drive. The machine is of «open throat» design, i.e. wider belts can be punched in several steps. A transportable version (suitable for transport in a station wagon or van) of this machine is available (see AFZ-1200P). The AFZ-1200 is ideal for medium volume conveyor belt fabrication.

Preparing devices (die-cutting tools)

AFZ-1200P



Joining system	Flexproof, Stepflex			
Belt/tape width max.	mm	1,250	in.	50
Belt/tape thickness max.	mm	8	in.	0.31
Electric power supply	V	–	W	–
Compressed air supply	bar	6	psi	87
Dimensions (L*W*H)	mm	1,905*890*700		
	in.	75*35*27.6		
Weight net	kg	220	lbs.	485

The AFZ-1200P is the portable version of AFZ-1200 preparing (die-cutting) device without supporting structure, suitable for transport in a station wagon or van. It is used for efficient die-cutting of Habasit belts and tapes up to a width of 1,250 mm and a thickness of 8 mm for the Flexproof or Step-Flex (only two-ply belts) joints. Step-Flex is supported by a shiftable die-cutting head. It is suitable for all standard Habasit finger geometries with a pitch of 10 mm or 20 mm. Other geometries can be made with special multiple finger punching heads. Die-cutting operation is pneumatic, lateral feed of the punching head is manual by means of an indexed crank drive. The machine is of «open throat» design, i.e. wider belts can be punched in several steps. The AFZ-1200P is ideal for medium volume conveyor belt fabrication and on-site installations.

AF-1201



Joining system	Flexproof			
Belt/tape width max.	mm	1,300	in.	52
Belt/tape thickness max.	mm	8	in.	0.31
Electric power supply	V	1*120/230 3*230/400/415	W	1,000
Compressed air supply	bar	6	psi	87
Dimensions (L*W*H)	mm	2,430*1,040*1,720		
	in.	95.7*40.9*67.7		
Weight net	kg	800	lbs.	1,764

The AF-1201 preparing device is used for efficient die-cutting of Habasit belts and tapes up to a width of 1,300 mm width and a thickness of 8 mm for the Flexproof joining method. Step-Flex is possible by manually moving the belt for the second cut. Die-cutting operation is sequential, engaging only two blades at a time with a pneumatic cylinder; lateral feed is by means of an automatic spindle drive. This allows unattended operation of the machine once the belt is loaded and the cut started and guarantees optimum quality of the cut fingers. The machine is of open throat design, i.e. wider belts than 1,300 mm can be cut in several steps. The AF-1201 is ideal for high-volume conveyor and power transmission belt fabrication.

Preparing devices (die-cutting tools)

AF-2401



Joining system	Flexproof			
Belt/tape width max.	mm	2,500	<i>in.</i>	100
Belt/tape thickness max.	mm	8	<i>in.</i>	0.31
Electric power supply	V	1*120/230 3*230/400/415	W	1,000
Compressed air supply	bar	6	<i>psi</i>	87
Dimensions (L*W*H)	mm	3,630*1,040*1,720		
	<i>in.</i>	142.9*40.9*67.7		
Weight net	kg	1,000	<i>lbs.</i>	2,205

The AF-2401 preparing device is used for efficient die-cutting of Habasit belts and tapes up to a width of 2,500 mm width and a thickness of 8 mm for the Flexproof joining method. Step-Flex is possible by manually moving the belt for the second cut. Die-cutting operation is sequential, engaging only two blades at a time with a pneumatic cylinder; lateral feed is by means of an automatic spindle drive. This allows unattended operation of the machine once the belt is loaded and the cut started and guarantees optimum quality of the cut fingers. The machine is of open throat design, i.e. wider belts than 2,500 mm can be cut in several steps. The AF-2401 is ideal for high-volume conveyor and power transmission belt fabrication.

AF-3201



Joining system	Flexproof			
Belt/tape width max.	mm	3,300	<i>in.</i>	132
Belt/tape thickness max.	mm	8	<i>in.</i>	0.31
Electric power supply	V	1*120/230 3*230/400/415	W	1,000
Compressed air supply	bar	6	<i>psi</i>	87
Dimensions (L*W*H)	mm	4,400*1,850*1,950		
	<i>in.</i>	173.2*72.8*76.8		
Weight net	kg	1,550	<i>lbs.</i>	3,417

The AF-3201 preparing device is used for efficient die-cutting of Habasit belts and tapes up to a width of 3,300 mm width and a thickness of 8 mm for the Flexproof joining method. Step-Flex is possible by manually moving the belt for the second cut. Die-cutting operation is sequential, engaging only two blades at a time with a pneumatic cylinder; lateral feed is by means of an automatic spindle drive. This allows unattended operation of the machine once the belt is loaded and the cut started and guarantees optimum quality of the cut fingers. The machine is of open throat design, i.e. wider belts than 3,300 mm can be cut in several steps. The AF-3201 is ideal for high-volume conveyor and power transmission belt fabrication.

Preparing devices (die-cutting tools)

A-2410



Joining system	Flexproof			
Belt/tape width max.	mm	∞	in.	∞
Belt/tape thickness max.	mm	5	in.	0.2
Electric power supply	V	–	W	–
Compressed air supply	bar	–	psi	–
Dimensions (L*W*H)	mm	–		
	in.	–		
Weight net	kg	2.8	lbs.	6.2

The cutting tool set A-2410 is suitable for the simple manual cutting of Flexproof fingers for Habasit thermoplastic conveyor belts up to a thickness of 5 mm and of unlimited width. It is the simplest tool for on-site preparation of conveyor belts. Belt ends are positioned on top of each other and stuck with double sided adhesive. A tape with the finger pattern printed on is stuck on the joint and the fingers are cut on a robust support surface using hammer and chisel. It goes without saying that this tool is mostly for single-belt fabrication, not for series.

Hot-pressing devices

PQ-16



Joining system	Quickmelt			
Belt/tape width max.	mm	Ø 15	<i>in.</i>	Ø 0.6
Belt/tape thickness max.	mm	Ø 15	<i>in.</i>	Ø 0.6
Electric power supply	V	1*120/230	W	120
Compressed air supply	bar	6	<i>psi</i>	87
Cooling media	ambient air			
Dimensions (L*W*H)	mm <i>in.</i>	370*260*240 14.6*10.2*9.5		
Weight net	kg	14	<i>lbs.</i>	30.9

The PQ-16 Polycord welding machine is an efficient tool for butt welding of round belts of 2–15 mm diameter; it also works well for thermoplastic v-belts. The welding process is started by pushing a foot pedal. Clamping, radiation heating of the weld surfaces, well aligned joining and cooling are then executed as an automatic sequence. Radiation heating guarantees optimum weld quality, as no burning plastic residues can contaminate the weld. Mechanical movements are by pneumatic cylinders; the welding plate is heated by electricity. The PQ-16 is particularly well-suitable for medium to high volume fabrication in the workshop.

PQ-18



Joining system	Quickmelt			
Belt/tape width max.	mm	Ø 15	<i>in.</i>	Ø 0.6
Belt/tape thickness max.	mm	Ø 15	<i>in.</i>	Ø 0.6
Electric power supply	V	1*120/230	W	max. 200
Compressed air supply	bar	–	<i>psi</i>	–
Cooling media	ambient air			
Dimensions (L*W*H)	mm <i>in.</i>	420*140*120 16.5*5.5*4.7		
Weight net	kg	0.68	<i>lbs.</i>	1.5

The PQ-18 is a simple, cost effective tool for welding of Polycord round belts. The joining operation is by butt welding: Ends of the belt are melted by pressing them against the surface of a precisely regulated hot welding plate. After sufficient heating belt ends are pressed against each other with a defined pressure and left to cool in a defined position. After removing the resulting bead with a knife or by grinding an optimum quality round belt is ready for use. The PQ-18 is well-suitable for on-site installation and small- to medium-size series fabrication in the workshop.

Hot-pressing devices

PT-50



Joining system	Thermofix			
Belt/tape width max. for joining angle of 90° or 75°	mm 90°	50	<i>in. 90°</i>	2
	mm 75°	45	<i>in. 75°</i>	1.8
Belt/tape thickness max.	mm	2	<i>in.</i>	0.8
Electric power supply	V	110–240*	W max.	70
Compressed air supply	bar	–	<i>psi</i>	–
Cooling media	ambient air			
Dimensions (L*W*H)	mm	215*120*84		
	<i>in.</i>	8.5*4.7*3.3		
Weight net	kg	0.65	<i>lbs.</i>	1.4

*universal

The PT-50 is a hot-pressing device for Thermofix joining of Habasit belts and tapes up to a width of 50 mm and a thickness of 2 mm. It is especially suitable for joining of spindle tapes and for many applications in the printing industry. The PT-50 is mostly suitable for on-site installation.

PT-55



Joining system	Thermofix			
Belt/tape width max. for joining angle of 90° or 75°	mm 90°	50	<i>in. 90°</i>	2
	mm 75°	45	<i>in. 75°</i>	1.8
Belt/tape thickness max.	mm	2.5	<i>in.</i>	0.1
Electric power supply	V	110–240*	W max.	150
Compressed air supply	bar	–	<i>psi</i>	–
Cooling media	ambient air			
Dimensions (L*W*H)	mm	280*63*95		
	<i>in.</i>	11*2.5*3.7		
Weight net	kg	0.715	<i>lbs.</i>	1.6

*universal

The PT-55 is a hot-pressing device for Thermofix joining of Habasit belts and tapes up to a width of 50 mm and a thickness of 2 mm. It is particularly well-suitable for joining of spindle tapes. The PT-55 should be complemented with a Hamid guide rail of the respective width to clamp the tape prior to hot-pressing. The PT-55 is mostly suitable for on-site installation.

Hot-pressing devices

PT-100



Joining system	Thermofix			
Belt/tape width max. for joining angle of 90°, 75°, 60°	mm 90°	100	<i>in. 90°</i>	4
	mm 75°	75	<i>in. 75°</i>	3
	mm 60°	45	<i>in. 60°</i>	1.8
Belt/tape thickness max.	mm	6	<i>in.</i>	0.24
Electric power supply	V	120/230	W	150
Compressed air supply	bar	–	<i>psi</i>	–
Cooling media	ambient air			
Dimensions (L*W*H)	mm	285*128*102		
	<i>in.</i>	11.2*5*4		
Weight net	kg	2	<i>lbs.</i>	4.4

The PT-100 is a hot-pressing device for Thermofix joining of Habasit belts and tapes up to a width of 100 mm and a thickness of 6 mm. The lower press plate is heated and is equipped with a detachable set-up plate with clamping device for secure positioning of the belt ends. Its knuckle joint mechanism allows easy adjustment for different belt thicknesses. Together with the integrated pressure equalization pad it ensures reliable hot pressing even for the most demanding glued belt joints. The PT-100 is equally well-suitable for workshop use as for on-site installations.

PT-103



Joining system	Thermofix			
Belt/tape width max. for joining angle of 90° or 75°	mm 90°	100	<i>in. 90°</i>	4
	mm 75°	75	<i>in. 75°</i>	3
Belt/tape thickness max.	mm	2.5	<i>in.</i>	0.1
Electric power supply	V	120/230	W	135
Compressed air supply	bar	–	<i>psi</i>	–
Cooling media	ambient air			
Dimensions (L*W*H)	mm	289*96*56.5		
	<i>in.</i>	11.4*3.8*2.2		
Weight net	kg	1	<i>lbs.</i>	2.2

The PT-103 is a hot-pressing device for Thermofix joining of Habasit belts and tapes up to a width of 100 mm and a thickness of 2.5 mm. The press is extremely compact. Top and bottom parts can be separated allowing belts to be joined also in locations with limited space. A simple clamp fixture ensures correct positioning of the belt ends. The PT-103 is particularly well-suitable for on-site installation.

Hot-pressing devices

PT-103S



Joining system	Thermofix			
Belt/tape width max. for joining angle of 90° or 75°	mm 90°	100	<i>in. 90°</i>	4
	mm 75°	75	<i>in. 75°</i>	3
Belt/tape thickness max.	mm	2.5	<i>in.</i>	0.1
Electric power supply	V	1*120/230	W	135
Compressed air supply	bar	–	<i>psi</i>	–
Cooling media	ambient air			
Dimensions (L*W*H)	mm	289*250*56.5		
	<i>in.</i>	11.2*10*2.2		
Weight net	kg	1.1	<i>lbs.</i>	2.4

The PT-103S is a variant of the PT-103 (see there) with a special large set-up plate. This large plate with precise, easy to use clamps/guides guarantees a straight joint every time. The PT-103S is well-suitable for on-site installation where height over the belt is limited but space along the belt length is not.

PT-300



Joining system	Thermofix			
Belt/tape width max. for joining angle of 90°, 75°, 60°	mm 90°	300	<i>in. 90°</i>	12
	mm 75°	250	<i>in. 75°</i>	10
	mm 60°	200	<i>in. 60°</i>	8
Belt/tape thickness max.	mm	8	<i>in.</i>	0.31
Electric power supply	V	1*120/230	W	800
Compressed air supply	bar	–	<i>psi</i>	–
Cooling media	ambient air			
Dimensions (L*W*H)	mm	420*175*200		
	<i>in.</i>	16.5*6.9*7.9		
Weight net	kg	12	<i>lbs.</i>	26.5

The PT-300 is a hot-pressing device for Thermofix joining of Habasit belts and tapes up to a width of 300mm and a thickness of 8mm. Its lower press plate is heated and is equipped with a detachable set up plate with clamping bars for secure positioning of the belt ends. Pressure is generated with a closing spindle tightened with a torque wrench. Together with the integrated pressure equalization pad this ensures reliable hot pressing even for the most demanding glued belt joints. The PT-300 is equally well-suitable for workshop use as for on-site installations.

Hot-pressing devices

PT-600



Joining system	Thermofix			
Belt/tape width max. for joining angle of 90° or 75°	mm 90°	600	<i>in.</i> 90°	24
	mm 75°	560	<i>in.</i> 75°	22
Belt/tape thickness max.	mm	8	<i>in.</i>	0.31
Electric power supply	V	1*120/230	W	750
Compressed air supply	bar	–	<i>psi</i>	–
Cooling media	ambient air			
Dimensions (L*W*H)	mm	750*160*167		
	<i>in.</i>	29.5*6.3*6.6		
Weight net	kg	18	<i>lbs.</i>	39.7

The PT-600 is a hot-pressing device for Thermofix joining of Habasit belts and tapes. It is of low profile design for easy access also in tight spaces, still features a stiff beam ensuring optimum pressure distribution. The top part contains the electrical heater powered by single phase AC. Two preset temperatures can be selected. Pressure is generated with two spindles tightened with a torque wrench to ensure correct pressure. The integrated belt clamping bars ensure optimum results by holding the belt ends exactly in the right position when the press is closed. The PT-600 is specifically designed for on-site installation but works as well for small to medium series fabrication in the workshop.

PQ-58



Joining system	Quickmelt			
Belt/tape width max.	mm	50	<i>in.</i>	2
Belt/tape thickness max.	mm	3.6	<i>in.</i>	0.14
Electric power supply	V	1*120/230	W	450
Compressed air supply	bar	–	<i>psi</i>	–
Cooling media	cooling tongs			
Dimensions (L*W*H)	mm	280*70*95		
	<i>in.</i>	11*2.8*3.8		
Weight net	kg	0.83	<i>lbs.</i>	1.8

The PQ-58 is a hot-pressing device for Quickmelt or Flexproof joining of Habasit machine and spindle tapes up to a width of 50 mm and a thickness of 3.6 mm. With an additional cooling tong and a guide rail in the required width for your application you have a joining system that allows you to exchange a tape in minutes. The press plates are wide enough to weld 35 mm/1.4 *in.* long Flexproof fingers also in situations where space is tight and visibility poor. The PQ-58 is mainly designed for on-site installation, but it can also be used for small to medium size series fabrication in the workshop.

Hot-pressing devices

PF-61



Joining system	Flexproof			
Belt/tape width max.	mm	60	<i>in.</i>	2.4
Belt/tape thickness max.	mm	4.5	<i>in.</i>	0.18
Electric power supply	V	120/230	W	500
Compressed air supply	bar	–	<i>psi</i>	–
Cooling media	cooling tongs			
Dimensions (L*W*H)	mm	320 * 176 * 116		
	<i>in.</i>	12.6 * 6.9 * 4.6		
Weight net	kg	1.8	<i>lbs.</i>	4

The PF-61 is a hot-pressing device for Flexproof joining of Habasit power transmission belts made of thermoplastics up to a width of 60 mm and a thickness of 4.5 mm. With cooling tong CD-61 and an adjustable guide rail set you have a joining system that enables you to exchange a belt in minutes. The wide press plate allows making 10/120 mm Flexproof finger joints for optimal strength also in situations where space is tight and visibility is poor. The PF-61 is suitable mainly for on-site joining. In the fabrication workshop water-cooled presses are a more productive solution.

PF-100S



Joining system	Flexproof			
Belt/tape width max.	mm	100	<i>in.</i>	4
Belt/tape thickness max.	mm	2.5	<i>in.</i>	0.1
Electric power supply	V	120/230	W	150
Compressed air supply	bar	–	<i>psi</i>	–
Cooling media	ambient air			
Dimensions (L*W*H)	mm	285 * 102 * 102		
	<i>in.</i>	11.2 * 4 * 4		
Weight net	kg	2.0	<i>lbs.</i>	4.4

The PF-100S is a hot-pressing device for Flexproof joining of Habasit belts and tapes up to a width of 100 mm and a thickness of 2.5 mm. To get a cost-efficient press some compromises were made: Maximum finger length is 80 mm, and the press is heated only on the bottom. This limits applicability to typical conveyor belt applications. Namely belts with thick rubber layers and belts requiring 10/120 mm fingers can not be joined. The PF-100S is mainly suitable for on-site installations.

Hot-pressing devices

PF-101



Joining system	Multisystem			
Belt/tape width max.	mm	100	<i>in.</i>	4
Belt/tape thickness max.	mm	6	<i>in.</i>	0.24
Electric power supply	V	120/230	W	2*350
Compressed air supply	bar	–	<i>psi</i>	–
Cooling media	air (internal fan)			
Dimensions (L*W*H)	mm	260*190*145		
	<i>in.</i>	10.2*7.5*5.7		
Weight net	kg	3.7	<i>lbs.</i>	8.2

The PF-101 is a hot-pressing device for joining of Habasit belts and tapes up to a width of 100 mm and a thickness of 6 mm. Maximum finger length is 80 mm / 4 *in.* It is designed mainly for Flexproof, but Thermofix is also possible. It features a precise individual temperature control of both press plates, and the automatically controlled forced air-cooling system ensures hassle-free operation, especially on installations. The compact control unit is connected to the press body by cables of about 2 m length, ideal for install situations. Handles can be fitted to the press body in various places for optimum handling in different installation situations. The press body halves can be separated for easy installation in tight space conditions, or the press can be inserted over the belt in one piece like a tong, and then closed at the front. Pressure is applied by tightening two screws. The PF-101 is especially suitable for on-site installations.

PM-156 bench battery press



Joining system	Multisystem			
Belt/tape width max. for joining angle of 90° or 75°	mm 90°	150	<i>in.</i>	6
	mm 75°	140	<i>in.</i>	5.6
Belt/tape thickness max.	mm	6	<i>in.</i>	0.24
Min. endless belt length	mm	340	<i>in.</i>	13.4
Welding plate width	mm	60	<i>in.</i>	2.4
Electric power supply	V	3*230	W	3,280
	V	3*400	W	3,280
Compressed air supply	bar	6	<i>psi</i>	87
Cooling media	water (ext. supply)			
Dimensions (L*W*H)	mm	1,400*1,250*2,100		
	<i>in.</i>	56*50*84		
Weight net	kg	220	<i>lbs.</i>	484

*Technical data for a bench with four presses

The PM-156 bench battery presses is a hot-pressing device for Thermofix and Flexproof joining of Habasit belts and tapes up to a width of 150 mm and a thickness of 6 mm. Minimum endless belt is 340 mm (13.4 *in.*). It is a flexible device with high performances (heating time up to 180°C: 9 minutes), suitable for high volume of small belts and tapes.

- Press plate 60 mm wide, suitable up to 50 mm fingers.

The PM-156 press bench can be ordered in a variety of configurations, i. e. 4, 6, 8 presses (always multiple of 2) in line or double side. The battery can be configured with PM-304 press also. The presses are controlled with the new PMR-07 control box and, as an option, a cooling circuit with tank and chiller is available.

Hot-pressing devices

PM-304



Joining system	Multisystem			
Belt/tape width max. for joining angle of 90° or 75°	mm 90°	300	<i>in. 90°</i>	12
	mm 75°	280	<i>in. 75°</i>	11.2
Belt/tape thickness max.	mm	10	<i>in.</i>	0.4
Electric power supply	V	120/230	W	2*1,850
Compressed air supply	bar	2.5	psi	36.3
Cooling media	water (ext. supply)			
Dimensions (L*W*H)	mm	1,250*550*1,700		
	<i>in.</i>	49.2*21.7*66.9		
Weight net	kg	130	<i>lbs.</i>	286.6

The PM-304 is a stationary variant of the PM-305 for workshop use. It is a highly productive tool for Thermofix, Flexproof and Step-Flex joining Habasit belts up to a width of 300 mm and a thickness of 10 mm (thickness of the whole belt/inserts package). The top part of the press opens wide by means of an air spring. The belt is held in place by a robust clamping system, ensuring straight joints. Uniform pressure on the belt is created with a pneumatic air bag. Pressing temperature is controlled individually on top and bottom heater plates with an electronic temperature regulator. Cooling operation is by water, which is then purged from the system with compressed air. The whole process after closing the press and starting the heat is controlled automatically; no operator intervention required until the cooled down belt can be taken from the press. Typical cycle time for a pressing at 160°C is 15 min. Standard configuration is four presses on an integrated stand with a central water tank and cooling unit. Please inquire for other configurations.

PM-1604



Joining system	Multisystem			
Belt/tape width max. for joining angle of 90° or 75°	mm 90°	1,600	<i>in. 90°</i>	64
	mm 75°	1,520	<i>in. 75°</i>	59.8
Belt/tape thickness max.	mm	10	<i>in.</i>	0.4
Electric power supply	V	3*230/400	W	2*4,200
Compressed air supply	bar	3	psi	43.5
Cooling media	water (ext. supply)			
Dimensions (L*W*H)	mm	2,000*380*460		
	<i>in.</i>	78.8*15*18.1		
Weight net	kg	180	<i>lbs.</i>	396.8

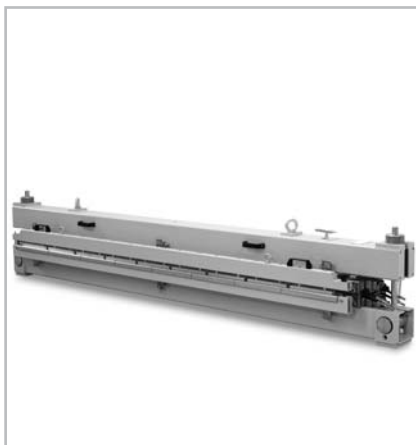
The PM-1604 is a hot pressing device for Thermofix, Flexproof, and Step-Flex joining of Habasit belts and tapes up to a width of 1,600 mm and a thickness of 10 mm. Main features:

- Uniform pressure generated with compressed air bag
- Uniform temperature distribution
- Water-cooled
- Sturdy design

The press can be ordered with a variety of accessories for pressurization and cooling control, depending on the intended usage. The PM-1604 is the ideal workhorse in the fabrication workshop. For installs the lightweight PM-1606 is a better solution, unless you need 120 mm finger or Step-Flex capability.

Hot-pressing devices

PM-2404



Joining system	Multisystem			
Belt/tape width max. for joining angle of 90° or 75°	mm 90°	2,400	<i>in. 90°</i>	96
	mm 75°	2,310	<i>in. 75°</i>	91
Belt/tape thickness max.	mm	10	<i>in.</i>	0.4
Electric power supply	V	3*230/400	W	2*5,400
Compressed air supply	bar	3	<i>psi</i>	43.5
Cooling media	water (ext. supply)			
Dimensions (L*W*H)	mm	2,950*380*565		
	<i>in.</i>	116.1*15*22.2		
Weight net	kg	450	<i>lbs.</i>	992.1

The PM-2404 is a hot pressing device for Thermofix, Flexproof, and Step-Flex joining of Habasit belts and tapes up to a width of 2,400 mm and a thickness of 10 mm. Main features:

- Uniform pressure generated with compressed air bag
- Uniform temperature distribution
- Water-cooled
- Sturdy design

The press can be ordered with a variety of accessories for pressurization and cooling control, depending on the intended usage. The PM-2404 is the ideal workhorse in the fabrication workshop.

PM-3204



Joining system	Multisystem			
Belt/tape width max. for joining angle of 90° or 75°	mm 90°	3,200	<i>in. 90°</i>	128
	mm 75°	3,080	<i>in. 75°</i>	121.3
Belt/tape thickness max.	mm	10	<i>in.</i>	0.4
Electric power supply	V	3*230/400	W	2*6,000
Compressed air supply	bar	3	<i>psi</i>	43.5
Cooling media	water (ext. supply)			
Dimensions (L*W*H)	mm	3,655*380*665		
	<i>in.</i>	143.9*15*26.2		
Weight net	kg	620	<i>lbs.</i>	1,366.9

The PM-3204 is a hot pressing device for Thermofix, Flexproof, and Step-Flex joining of Habasit belts and tapes up to a width of 3,200 mm and a thickness of 10 mm. Main features:

- Uniform pressure generated with compressed air bag
- Uniform temperature distribution
- Water-cooled
- Sturdy design

The press can be ordered with a variety of accessories for pressurization and cooling control, depending on the intended usage. The PM-3204 is the ideal workhorse in the fabrication workshop.

Hot-pressing devices

PM-3604



Joining system	Multisystem			
Belt/tape width max. for joining angle of 90° or 75°	mm 90°	3,600	<i>in. 90°</i>	<i>144</i>
	mm 75°	3,450	<i>in. 75°</i>	<i>135.8</i>
Belt/tape thickness max.	mm	10	<i>in.</i>	<i>0.4</i>
Electric power supply	V	3*230/400	W	2*5,300
Compressed air supply	bar	3	psi	43.5
Cooling media	water (ext. supply)			
Dimensions (L*W*H)	mm	4,135*380*665		
	<i>in.</i>	<i>162.8*15*26.2</i>		
Weight net	kg	726	<i>lbs.</i>	<i>1,600.6</i>

The PM-3604 is a hot pressing device for Thermofix, Flexproof, and Step-Flex joining of Habasit belts and tapes up to a width of 3,600 mm and a thickness of 10 mm. Main features:

- Uniform pressure generated with compressed air bag
- Uniform temperature distribution
- Water-cooled
- Sturdy design

The press can be ordered with a variety of accessories for pressurization and cooling control, depending on the intended usage. The PM-3604 is the ideal workhorse in the fabrication workshop.

PM-4204



Joining system	Multisystem			
Belt/tape width max. for joining angle of 90° or 75°	mm 90°	4,200	<i>in. 90°</i>	<i>168</i>
	mm 75°	4,010	<i>in. 75°</i>	<i>160.4</i>
Belt/tape thickness max.	mm	10	<i>in.</i>	<i>0.4</i>
Electric power supply	V	3*230/400	W	2*6,000
Compressed air supply	bar	3	psi	43.5
Cooling media	water (ext. supply)			
Dimensions (L*W*H)	mm	4,660*380*865		
	<i>in.</i>	<i>183.5*15*34.1</i>		
Weight net	kg	860	<i>lbs.</i>	<i>1,896</i>

The PM-4204 is a hot pressing device for Thermofix, Flexproof, and Step-Flex joining of Habasit belts and tapes up to a width of 4,200 mm and a thickness of 10 mm. Main features:

- Uniform pressure generated with compressed air bag
- Uniform temperature distribution
- Water-cooled
- Sturdy design

The press can be ordered with a variety of accessories for pressurization and cooling control, depending on the intended usage. The PM-4204 is the ideal workhorse in the fabrication workshop.

Hot-pressing devices

PM-306/100



Joining system	Multisystem			
Belt/tape width max.	mm	300	<i>in.</i>	12
Belt/tape thickness max.	mm	10	<i>in.</i>	0.4
Electric power supply	V	1*230	W	2*1,100
	V	3*230/3*400	W	2*1,100
Compressed air supply	bar	3	<i>psi</i>	43.5
Cooling media	water (ext. supply)			
Dimensions (L*W*H)	mm	635*240*200		
	<i>in.</i>	25*9.5*8		
Weight net	kg	26	<i>lbs.</i>	57.2

The PM-306/100 is a lightweight hot-pressing device for Thermofix and Flexproof joining of Habasit belts and tapes up to a width of 300 mm and a thickness of 10 mm. Differences compared to the PM-XX04 range:

- Much lighter weight
- Press plate only 100 mm wide, i.e. not suitable for Step-Flex and 10/120 mm fingers (for this purpose the PM-304 or PM-305 may be used).

The press can be ordered in a variety of configurations concerning pressurization and cooling control, depending on their usage. The PM-306/100 is designed mainly for on-site installation, but it can also be used in the fabrication workshop.

PM-306/160



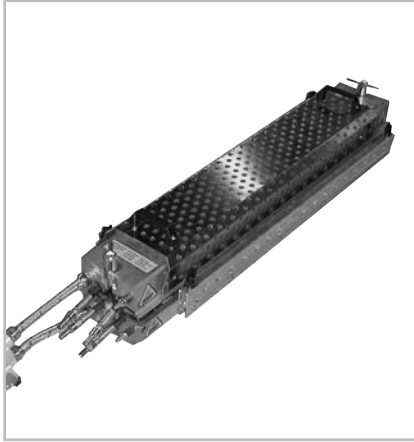
Joining system	Multisystem			
Belt/tape width max.	mm	300	<i>in.</i>	12
Min endless belt:	mm	650		25.6
Belt/tape thickness max.	mm	10	<i>in.</i>	0.4
Electric power supply	V	1*120/230 3*200	W	2*1,800
	V		W	
Compressed air supply	bar	3	<i>psi</i>	43.5
Cooling media		Water (ext supply)		
Dimensions (LxWxH)	mm	800*280*210		
	<i>in.</i>	32*11.2*8.4		
Weight net	kg	37	<i>lbs.</i>	81.34

The PM-306/160 is a lightweight hot-pressing device for Thermofix and Flexproof joining of Habasit belts and tapes up to a width of 300 mm and a thickness of 10 mm. The PM-306/160 has a 160 mm wide press plate, suitable for 120 mm fingers and even the Step-Flex method. It provides one pressure bag (130 mm wide) to optimize the application of pressure. The heat distribution in the joining area is designed to obtain a perfect joint.

The PM-306/160 is designed mainly for on-site installation, but it can also be used in the Fabrication workshop.

Hot-pressing devices

PM-606/100



Joining system	Multisystem			
Belt/tape width max. for	mm	600	<i>in.</i>	24
Belt/tape thickness max.	mm	10	<i>in.</i>	0.4
Electric power supply	V	1*120 3*230/400	W	2*1,400
Compressed air supply	bar	3	<i>psi</i>	43.5
Cooling media	water (ext. supply)			
Dimensions (L*W*H)	mm <i>in.</i>	1,130*240*200 44.5*9.5*8		
Weight net	kg	40.5	<i>lbs.</i>	89.1

The PM-606/100 is a lightweight hot-pressing device for Thermofix and Flexproof joining of Habasit belts and tapes up to a width of 600 mm and a thickness of 10 mm. Differences compared to the PM-XX04 range:

- Much lighter weight
- Press plate only 100 mm wide, i.e. not suitable for Step-Flex and 10/120 mm fingers.

The press can be ordered in a variety of configurations concerning pressurization and cooling control, depending on their usage. The PM-606/100 is designed mainly for on-site installation, but it can also be used in the fabrication workshop.

PM-806/100



Joining system	Multisystem			
Belt/tape width max.	mm	800	<i>in.</i>	32
Belt/tape thickness max.	mm	10	<i>in.</i>	0.4
Electric power supply	V	3*230/400	W	2*1,300
Compressed air supply	bar	3	<i>psi</i>	43.5
Cooling media	water (ext. supply)			
Dimensions (L*W*H)	mm <i>in.</i>	1,250*300*250 50*12*10		
Weight net	kg	72	<i>lbs.</i>	158

The PM-806/100 is a lightweight hot-pressing device for Thermofix and Flexproof joining of Habasit belts and tapes up to a width of 800 mm and a thickness of 10 mm. Differences compared to the PM-XX04 range:

- Much lighter weight
- Press plate only 100 mm wide, i.e. not suitable for Step-Flex and 10/120 mm fingers.

The press can be ordered in a variety of configurations concerning pressurization and cooling control, depending on their usage. The PM-806/100 is designed mainly for on-site installation, but it can also be used in the fabrication workshop.

Hot-pressing devices

PM-806/160



Joining system	Multisystem			
Belt/tape width max.	mm	800	<i>in.</i>	32
Belt/tape thickness max.	mm	10	<i>in.</i>	0.4
Min endless Belt	mm	720	<i>in.</i>	28.4
Welding plate width	mm	160	<i>in.</i>	6.4
Electric power supply	V	3*230	W	2*2,000
	V	3*400	W	2*2,000
Compressed air supply	bar	3	<i>psi</i>	43.5
Cooling media	water (ext. supply)			
Dimensions (L*W*H)	mm	1,200*380*320		
	<i>in.</i>	48*15.2*12.8		
Weight net	kg	85	<i>lbs.</i>	187

The PM-806/160 is a lightweight hot-pressing device for Thermofix and Flexproof joining of Habasit belts and tapes up to a width of 800 mm and a thickness of 10 mm. Minimum endless belt length is 720 mm (28.4 in.). Differences compared to the PM-XX04 and PM-XX06 range:

- Much lighter weight (compared to PM-XX04)
- Press plate 160 mm wide, suitable for Step-Flex and 10/120 mm fingers

The press can be ordered in a variety of configurations, for workshop or on-site application, depending on its usage.

PM-1056/100



Joining system	Multisystem			
Belt/tape width max.	mm	1,050	<i>in.</i>	42
Belt/tape thickness max.	mm	10	<i>in.</i>	0.4
Electric power supply	V	3*230/400	W	2*1,700
Compressed air supply	bar	3	<i>psi</i>	43.5
Cooling media	water (ext. supply)			
Dimensions (L*W*H)	mm	1,506*300*250		
	<i>in.</i>	60*12*10		
Weight net	kg	85	<i>lbs.</i>	187

The PM-1056/100 is a lightweight hot-pressing device for Thermofix and Flexproof joining of Habasit belts and tapes up to a width of 1,050 mm and a thickness of 10 mm. Differences compared to the PM-XX04 range:

- Much lighter weight
- Press plate only 100 mm wide, i.e. not suitable for Step-Flex and 10/120 mm fingers.

The press can be ordered in a variety of configurations concerning pressurization and cooling control, depending on their usage. The PM-1056/100 is designed mainly for on-site installation, but it can also be used in the fabrication workshop.

Hot-pressing devices

PM-1056/160



Joining system	Multisystem			
Belt/tape width max.	mm	1,050	<i>in.</i>	42
Belt/tape thickness max.	mm	10	<i>in.</i>	0.4
Min endless Belt	mm	720	<i>in.</i>	28.4
Welding plate width	mm	160	<i>in.</i>	6.4
Electric power supply	V	3*230	W	2*3,600
	V	3*400	W	2*3,600
Compressed air supply	bar	3	<i>psi</i>	43.5
Cooling media	water (ext. supply)			
Dimensions (L*W*H)	mm	1,450*380*320		
	<i>in.</i>	58*15.2*12.8		
Weight net	kg	105	<i>lbs.</i>	231

The PM-1056/160 is a lightweight hot-pressing device for Thermofix and Flexproof joining of Habasit belts and tapes up to a width of 1,050 mm and a thickness of 10 mm. Minimum endless belt length is 720 mm (28.4 in.). Differences compared to the PM-XX04 and PM-XX06 range:

- Much lighter weight (compared to PM-XX04)
- Press plate 160 mm wide, suitable for Step-Flex and 10/120 mm fingers

The press can be ordered in a variety of configurations, for workshop or on-site application, depending on its usage.

PM-1306/100



Joining system	Multisystem			
Belt/tape width max.	mm	1,300	<i>in.</i>	52
Belt/tape thickness max.	mm	10	<i>in.</i>	0.4
Electric power supply	V	3*230/400	W	2*2,000
Compressed air supply	bar	3	<i>psi</i>	43.5
Cooling media	water (ext. supply)			
Dimensions (L*W*H)	mm	1,750*300*250		
	<i>in.</i>	70*12*10		
Weight net	kg	100	<i>lbs.</i>	220

The PM-1306/100 is a lightweight hot-pressing device for Thermofix and Flexproof joining of Habasit belts and tapes up to a width of 1,300 mm and a thickness of 10 mm. Differences compared to the PM-XX04 range:

- Much lighter weight
- Press plate only 100 mm wide, i.e. not suitable for Step-Flex and 10/120 mm fingers.

The press can be ordered in a variety of configurations concerning pressurization and cooling control, depending on their usage. The PM-1306/100 is designed mainly for on-site installation, but it can also be used in the fabrication workshop.

Hot-pressing devices

PM-1306/160



Joining system	Multisystem			
Belt/tape width max.	mm	1,300	in.	52
Belt/tape thickness max.	mm	10	in.	0.4
Min endless Belt	mm	940	in.	37
Welding plate width	mm	160	in.	6.4
Electric power supply	V	3*230	W	9,200
	V	3*400	W	9,200
Compressed air supply	bar	3	psi	43.5
Cooling media	water (ext. supply)			
Dimensions (L*W*H)	mm	1,650*380*320		
	in.	66*15.2*12.8		
Weight net	kg	172	lbs.	379.2

The PM-1306/160 is a lightweight hot-pressing device for Thermofix and Flexproof joining of Habasit belts and tapes up to a width of 1,300 mm and a thickness of 10 mm. Minimum endless belt length is 940 mm (37 in.). Differences compared to the PM-XX04 and PM-XX06 range:

- Much lighter weight (compared to PM-XX04)
- Press plate 160 mm wide, suitable for Step-Flex and 10/120 mm fingers

The press can be ordered in a variety of configurations, for workshop or on-site application, depending on its usage.

PM-1606/100



Joining system	Multisystem			
Belt/tape width max.	mm	1,600	in.	64
Belt/tape thickness max.	mm	10	in.	0.4
Electric power supply	V	3*230/400	W	2*2,400
Compressed air supply	bar	3	psi	43.5
Cooling media	water (ext. supply)			
Dimensions (L*W*H)	mm	1,858*180*296		
	in.	73*7*11.7		
Weight net	kg	154.5	lbs.	340

The PM-1606/100 is a lightweight hot-pressing device for Thermofix and Flexproof joining of Habasit belts and tapes up to a width of 1,600 mm and a thickness of 10 mm. Differences compared to the PM-XX04 range:

- Much lighter weight
- Press plate only 100 mm wide, i.e. not suitable for Step-Flex and 10/120 mm fingers.

The press can be ordered in a variety of configurations concerning pressurization and cooling control, depending on their usage. The PM-1606/100 is designed mainly for on-site installation, but it can also be used in the fabrication workshop.

Hot-pressing devices

PM-2006/100



Joining system	Multisystem			
Belt/tape width max.	mm	2,000	<i>in.</i>	80
Belt/tape thickness max.	mm	10	<i>in.</i>	0.4
Electric power supply	V	3*230/400	W	2*3,000
Compressed air supply	bar	3	<i>psi</i>	43.5
Cooling media	water (ext. supply)			
Dimensions (L*W*H)	mm	2,078*320*336		
	<i>in.</i>	98*12.6*13.2		
Weight net	kg	230	<i>lbs.</i>	506

The PM-2006/100 is a lightweight hot-pressing device for Thermofix and Flexproof joining of Habasit belts and tapes up to a width of 2,000 mm and a thickness of 10 mm. Differences compared to the PM-XX04 range:

- Much lighter weight
- Press plate only 100 mm wide, i.e. not suitable for Step-Flex and 10/120 mm fingers.

The press can be ordered in a variety of configurations concerning pressurization and cooling control, depending on their usage. The PM-2006/100 is designed mainly for on-site installation, but it can also be used in the fabrication workshop.

PM-807FH



Joining system	Multisystem			
Belt/tape width max.	mm	800	<i>in.</i>	32
Belt/tape thickness max.	mm	6	<i>in.</i>	0.24
Welding plate width	mm	160	<i>in.</i>	6.4
Electric power supply	V	120	W	3,400
	V	230	W	3,400
Compressed air supply	bar	3	<i>psi</i>	43.5
Cooling media	water/air			
Dimensions (L*W*H)	mm	1,050*290*280		
	<i>in.</i>	42*11.4*11		
Weight net	kg	72	<i>lbs.</i>	158.4

The PM-807FH is a lightweight fast heat press, based on a new concept of heating.

Suitable for Thermofix and Flexproof joining of Habasit belts up to 6 mm of thickness, this press can join in a time that is up to 40% less than with a standard press. In addition, it can handle up to 2 or 3 joining cycles without water cooling, thus giving a solution for critical on-site applications. With 100 mm plate width, this hot-pressing device is not suitable for Step-Flex and 10/120 mm fingers. The press can be ordered in a variety of configurations, for workshop or on-site application, depending on its usage.

Control units

PMR-06



Joining system	Multisystem			
Electric power supply	V	1*230	W	6,000
	V	3*230	W	6,000
	V	3*400	W	6,000
Cooling media	water cooling			
Dimensions (L*W*H)	mm	280*320*160		
	in.	11*12.6*6.3		
Weight net	kg	9.5	lbs.	21

The regulating unit PMR-06 is a fully automated controller for hot-pressing devices. It controls all phases of a belt-joining cycle, including water cooling and the subsequent blowing-out of the water by means of compressed air. The PMR-06 has a graphic display where the operator selects all functions, inserts the joining parameters and controls the complete cycle. Additionally it features two databases: one with standard joining data of most Habasit products and one for the customer's joining data. Both kind of parameters can easily be loaded. Nevertheless, the PMR-06 is a compact, light unit and easy to handle. Thanks to multiple connections on the back panel it allows two modes of usage: Stationary together with PMC-06 cooling unit, or mobile with a mobile cooling unit and a mini-compressor.

The regulating unit PMR-06 is able to control presses up to 6 kW power consumption and is available in 230 V single-phase 50/60 Hz, or 230 V and 400 V three-phase 50/60 Hz variants.

PMC-06



Joining system	Multisystem			
Electric power supply	V	1*230	W	20
Compressed air supply	bar	6	psi	87
Cooling media	water cooling/air blowing			
Dimensions (L*W*H)	mm	300*200*130		
	in.	12*8*5.2		
Weight net	kg	5.7	lbs.	12.54

The PMC-06 is a cooling device used in combination with PMR-06 regulating unit on workshop application. It has two electrovalves one for water and one for compressed air to open and close the cooling and the air-blowing circuit, and a proportional electrovalve to control the air bag pressure. It is supplied with connection cables for PMR-06 regulating unit.

Control units

PMR-07



Joining system	Multisystem			
Electric power supply	V	1*120	W	4,000
	V	1*230	W	4,000
Cooling media	water cooling			
Dimensions (L*W*H)	mm	280*320*160		
	in.	11*12.6*6.3		
Weight net	kg	9.5	lbs.	21

The regulating unit PMR-07 for joining presses is a full automatic joining-cycle controller with high flexibility in terms of cycle-phases control. PMR-07 regulating unit has been studied to be used with presses up to approximately 1,000 mm of belt width, mainly in on-site applications, where PMR-06 is too sophisticated, big and expensive. It is perfect in combination with PM-306 or PM-305, PM-606, with battery configuration presses PM-304 and new PM-156, and can satisfy requests from distributors, service centers and ACs both in workshop and for service. Major features are: Full automatic joining cycle with just 3 parameters to load: upper and lower temperatures and joining time: very simple and fast. Automatic cooling cycle: it stops itself when cooling set point temperature has been reached. Compact and light. Socket for external cooling pump, controlled by software: pump stops automatically at the end of the cycle.

PMC-07



Joining system	Multisystem			
Electric power supply	V	1*230V	W	20
Compressed air supply	bar	6	psi	87
Cooling media	water cooling / air blowing			
Dimensions (L*W*H)	mm	320*135*150		
	in.	12.8*5.4*6		
Weight net	kg	4	lbs.	8.8

The PMC-07 is a cooling device used in combination with PMR-07 regulating unit on workshop application. It has two electrovalves one for water and one for compressed air to open and close the cooling and the air-blowing circuit, and a proportional electrovalve to control the air bag pressure. It is supplied with connection cables for PMR-07 regulating unit.

Coiling devices

CW-1204



Belt/tape width max.	mm	1,500	in.	60
Max load (weight of coil)	kg	–	lbs.	–
Max. coil diam. Ø	mm	1,200	in.	48
Electric power supply	V	3*230/400	W	2,500
Compressed air supply	bar	6	psi	87
Dimensions (L*W*H)	mm	1,075*2,805*1,385		
	in.	42.3*110.4*54.5		
Weight net	kg	640	lbs.	1,411

The CW-1204 is an off-reeling device for belt coils up to a width of 1,500 mm and a diameter of 1,200 mm. It is equipped with a pneumatic brake to tension the belt. Lateral position (edge control) is adjustable with manual control (to guide the belt into the subsequent process at the desired position). Options: Automatic regulation of brake torque, automatic edge control. The control of the off-reeling device is prepared for integration (master-slave operation) with the SM-1203 cutting machine.

CW-1205



Belt/tape width max.	mm	1,500	in.	60
Max load (weight of coil)	kg	–	lbs.	–
Max. coil diam. Ø	mm	1,200	in.	48
Electric power supply	V	3*230/400	W	4,000
Compressed air supply	bar	–	psi	–
Dimensions (L*W*H)	mm	870*2,685*1,325		
	in.	34.3*105.7*52.2		
Weight net	kg	400	lbs.	881.9

The CW-1205 is a winder for belt coils up to 1,500 mm width and a diameter of 1,200 mm. Winding torque is adjustable to fit a wide range of belt products. The CW-1205 is equipped with splitter discs that help to keep multiple coils separate when they are wound in parallel on the same shaft. The control of the winder is prepared for integration (master-slave operation) with the SM-1203 cutting machine.

Coiling devices

CW-1604



Belt/tape width max.	mm	1,800	in.	72
Max load (weight of coil)	kg	–	lbs.	–
Max. coil diam. Ø	mm	1,200	in.	48
Electric power supply	V	3*230/400	W	2,500
Compressed air supply	bar	6	psi	87
Dimensions (L*W*H)	mm	1,075*3,125*1,385		
	in.	42.3*123*54.5		
Weight net	kg	650	lbs.	1,433

The CW-1604 is an off-reeling device for belt coils up to a width of 1,800 mm and a diameter of 1,200 mm. It is equipped with a pneumatic brake to tension the belt. Lateral position (edge control) is adjustable with manual control (to guide the belt into the subsequent process at the desired position). Options: Automatic regulation of brake torque, automatic edge control. The control of the off-reeling device is prepared for integration (master-slave operation) with the SM-1603 cutting machine.

CW-1605



Belt/tape width max.	mm	1,800	in.	72
Max load (weight of coil)	kg	–	lbs.	–
Max. coil diam. Ø	mm	1,200	in.	48
Electric power supply	V	3*230/400	W	4,000
Compressed air supply	bar	–	psi	–
Dimensions (L*W*H)	mm	870*3,005*1,325		
	in.	34.3*118.3*52.2		
Weight net	kg	450	lbs.	992.1

The CW-1605 is a winder for belt coils up to 1,800 mm width and a diameter of 1,200 mm. Winding torque is adjustable to fit a wide range of belt products. The CW-1605 is equipped with splitter discs that help to keep multiple coils separate when they are wound in parallel on the same shaft. The control of the winder is prepared for integration (master-slave operation) with the SM-1603 cutting machine.

Coiling devices

CW-2004



Belt/tape width max.	mm	2,100	in.	84
Max load (weight of coil)	kg	–	lbs.	–
Max. coil diam. Ø	mm	1,200	in.	48
Electric power supply	V	3*230/400	W	4,000
Compressed air supply	bar	6	psi	87
Dimensions (L*W*H)	mm	1,075*3,445*1,385		
	in.	42.3*135.6*54.5		
Weight net	kg	660	lbs.	1,455.1

The CW-2004 is an off-reeling device for belt coils up to a width of 2,100 mm and a diameter of 1,200 mm. It is equipped with a pneumatic brake to tension the belt. Lateral position (edge control) is adjustable with manual control (to guide the belt into the subsequent process at the desired position). Options: Automatic regulation of brake torque, automatic edge control. The control of the off-reeling device is prepared for integration (master-slave operation) with the SM-2003 cutting machine.

CW-2005



Belt/tape width max.	mm	2,100	in.	84
Max load (weight of coil)	kg	–	lbs.	–
Max. coil diam. Ø	mm	1,200	in.	48
Electric power supply	V	3*230/400	W	4,000
Compressed air supply	bar	6	psi	87
Dimensions (L*W*H)	mm	870*3,325*1,325		
	in.	34.3*130.9*52.2		
Weight net	kg	470	lbs.	1,036.2

The CW-2005 is a winder for belt coils up to 2,100 mm width and a diameter of 1,200 mm. Winding torque is adjustable to fit a wide range of belt products. The CW-2005 is equipped with splitter discs that help to keep multiple coils separate when they are wound in parallel on the same shaft. The control of the winder is prepared for integration (master-slave operation) with the SM-2003 cutting machine.

Cooling tongs

CD-60



Joining system	Flexproof, Quickmelt			
Belt/tape width max.	mm	60	<i>in.</i>	<i>2.4</i>
Belt/tape thickness max.	mm	4.5	<i>in.</i>	<i>0.18</i>
Dimensions (L*W*H)	mm	270*60*100		
	<i>in.</i>	<i>10.6*2.4*3.9</i>		
Weight net	kg	0.5	<i>lbs.</i>	<i>1.1</i>

The CD-60 is a cooling tong for use in the Quickmelt and Flexproof joining systems. The belt is joined in a guide rail, fixed with two spring clips and welded in a hot-pressing device. After welding the guide rail with the belt is transferred to the CD-60 cooling tong to cool the belt down under a predetermined pressure. The CD-60 is a complement to the PQ-58 hot-pressing device found elsewhere in this brochure; it can also be used in conjunction with the predecessors of PQ-58.

CD-61

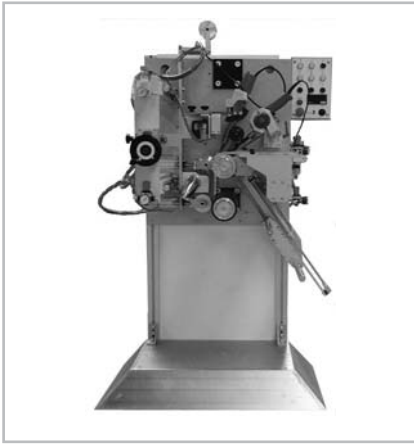


Joining system	Flexproof, Quickmelt			
Belt/tape width max.	mm	60	<i>in.</i>	<i>2.4</i>
Belt/tape thickness max.	mm	4.5	<i>in.</i>	<i>0.18</i>
Dimensions (L*W*H)	mm	270*150*100		
	<i>in.</i>	<i>10.6*5.9*3.9</i>		
Weight net	kg	0.6	<i>lbs.</i>	<i>1.3</i>

The CD-61 is a cooling tong for use in the Flexproof joining system. The belt is joined in a guide rail, fixed with two spring clips and welded in a hot-pressing device. After welding the guide rail with the belt is transferred to the CD-61 cooling tong to cool down under a predetermined pressure. The CD-61 is a complement to the PF-61 found elsewhere in this brochure.

Welding devices

WB-301



Belt/tape width max.	mm	300	<i>in.</i>	12
Belt/tape thickness max.	mm	6	<i>in.</i>	0.24
Min. endless belt length	mm	400	<i>in.</i>	16
Electric power supply	V	3*230	W	2,500
	V	3*400	W	2,500
Compressed air supply	bar	6	<i>psi</i>	87
Dimensions (L*W*H)	mm	1,357*1,036*1,543		
	<i>in.</i>	53.4*40.8*60.8		
Weight net	kg	350	<i>lbs.</i>	772

WB-301 hot air welding machine is an automatic unit for the application of guiding profiles. A new concept of infeed belt and profile permits to obtain a perfect profile application with higher speed than on predecessor machines. A tensioning device enables profile application on endless belt dimensions from 400 mm (17.7 inch) up in a fast way. The machine has one welding head with a complete set of standard profile rollers; other profile rollers can be supplied on request.

WB-1201



Belt/tape width max.	mm	1,250	<i>in.</i>	50
Max load (weight of coil)	kg	–	<i>lbs.</i>	–
Max. coil diam. Ø	mm	–	<i>in.</i>	–
Electric power supply	V	3*230/400	W	4,000
Compressed air supply	bar	6	<i>psi</i>	87
Dimensions (L*W*H)	mm	2,250*900*1,550		
	<i>in.</i>	88.6*35.4*61		
Weight net	kg	670	<i>lbs.</i>	1,477.1

The WB-1201 is a hot-air welding machine for continuous welding of longitudinal profiles both on the running side (typically v-guides) and on the conveying side (typically side guards). The machine features two welding heads which can be used for application of adhesive and for hot-air welding. The process guarantees optimal adhesion of the profile on the belt and precise positioning of the profile.

The WB-1201 is suitable for medium to high volume fabrication.

Welding devices

WB-604H



Belt/tape width max.	mm	600	<i>in.</i>	24
Electric power supply	V	3*230	W	7,000
Optional power supply	V	3*400	W	7,000
Compressed air supply	bar	6	<i>psi</i>	87
Dimensions (L*W*H)	mm	2,100*1,200*2,700		
	<i>in.</i>	84*48*108		
Weight net	kg	1,500	<i>lbs.</i>	3,307

WB-604H is a high-frequency welding machine for cleats and transport profiles welding on belts. Its very sophisticated high-frequency control unit and a very precise HF valve gives full control of all parameters, avoiding electrical discharges and burn risks. Quality and productivity are the most important features of this machine. Moreover, a database permits to save welding data sheets. WB-604H is able to weld all standard profile ranges and optionally corrugated sidewalls with a specific kit. Customized electrodes for special profiles can be supplied on request.

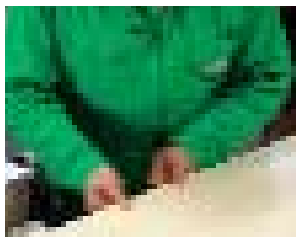
The Habasit Solution

**At Habasit, we listen. We innovate.
And we deliver integrated belting
solutions – right first time.**



Customer first

Habasit understands that our success depends on the success of our customers. That's why we offer solutions, not just products; partnership, not just sales. Our innovative belting solutions are tailored exactly to specific needs. We guarantee best value for money in every application. Since its foundation in 1946, Habasit has proven this understanding of customer needs for more than 50 years. That's why we are the No. 1 in belting. Worldwide.



Product range

Habasit offers the largest selection of fabric-based conveyor belts and plastic modular belts in the industry. Our answer to any request is nothing less than a specific, tailor-made solution.

Fabric-based conveyor & processing belts

Plastic modular belts

Power transmission belts

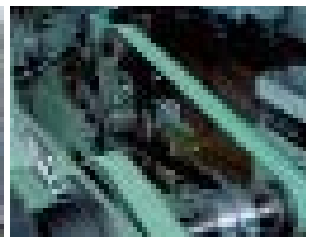
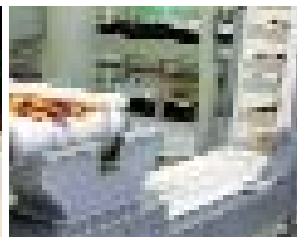
Machine tapes

Seamless belts

Round belts

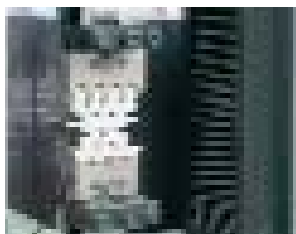
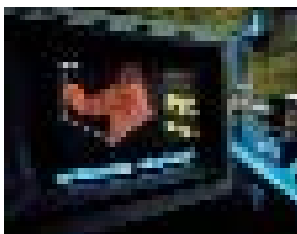
Timing belts

Auxiliaries (e.g. profiles, tools)



Innovation / R&D

Habasit is strongly committed to the continuous development of innovative, value-added solutions. More than 3% of our staff is dedicated exclusively to R&D; the annual investment in this area exceeds 8% of the turnover.



Global network

Facts & figures

Founded	1946
Turnover 2004	CHF 450 million
Sales to market	4.5 million m ²
Employees	2224
Production plants	12
Affiliated companies	26
Representatives	in over 50 countries
Service centers	over 250 globally

Services & guarantees

Our extensive organization is prepared to support you anywhere in the world. Engineering and emergency assistance, quotes and order status are just a phone call away. Wherever you are. Whenever you need us.

Quality

Highest quality standards are found not only in products, but also in our employees' daily work process. Based on a worldwide TQM approach, Habasit started very early to implement a quality system and was certified already in 1987 according to ISO 9001 / EN 29001. In 1996 Habasit was certified according to ISO 9001:1994. Since then we undergo periodically quality audits performed by an independent certification body. In the year 2002 we achieved certification according to the revised standard ISO 9001:2000.



Apeldoorn
Tweelingenlaan 61
Tel. 055 - 36 05 131

Drachten
De Giek 22a
Tel. 0512 - 53 94 50

Nieuw Vennepe
Boekweitstraat 83
Tel. 0252 - 62 08 01

Website: www.rottrans.nl **Advies en Verkoop:** verkoop@rottrans.nl

Austria

Habasisit GmbH, Wien
Phone: +43 1 690 66
www.habasisit.at

Belgium

Habasisit Belgium N.V., Zaventem
Phone: +32 2 725 04 30
www.habasisit.be

Canada

Habasisit Canada Ltd., Oakville
Phone: +1 905 827 4131
www.habasisit.ca

China

Habasisit East Asia Ltd., Hong Kong
Phone: +852 2145 01 50
www.habasisit.com.hk

Habasisit (Shanghai) Co., Ltd.
Shanghai

Phone: +8621 3417 1228
Phone: +8621 3417 1218
www.habasisit.com.hk

Czech Republic

Habasisit Bohemia spol. s.r.o., Brno
Phone: +4205 41 421 651
www.habasisit.cz

France

Habasisit France S.A.S., Mulhouse
Phone: +33 389 33 89 03
www.habasisit.fr

Germany

Habasisit Rossi GmbH,
Eppertshausen
Phone: +49 6071 969 0
www.habasisitrossi.de

Hungary

Habasisit Hungária Kft., Esztergom
Phone: +36 33 510 610
www.habasisit.hu

India

Habasisit-Iakoka Pvt. Ltd., Coimbatore
Phone: +91 422 262 78 79
www.habasisitiakoka.com

Italy

Habasisit Italiana SpA
Customer Care:
Phone: 199 199 333
For int. calls: +39 0438 911444
www.habasisit.it

Japan

Habasisit Nippon Co. Ltd., Yokohama
Phone: +81 45 476 03 71
www.habasisit.co.jp

Latvia

Habasisit Baltic SIA, Daugavpils
Phone: +371 54 074 88
www.habasisit.lv

Netherlands

Habasisit Netherlands BV, Nijkerk
Phone: +31 33 24 72 030
www.habasisit.nl

Norway

Habasisit Norge A/S, Oslo
Phone: +47 22 90 92 80
www.habasisit.no

Poland

Habasisit Polska Sp. zo.o., Katowice
Phone: +48 328 511 000
www.habasisit.com

Romania

Habasisit Import/Export Romania SRL,
Bucuresti, Phone: +40 21 323 95 65
www.habasisit.ro

Russia

Habasisit Moscow
Phone: +7 09 59 561 508
www.habasisit.ru

Singapore

Habasisit Far East Pte. Ltd., Singapore
Phone: +65 6862 55 66
www.habasisit.com.sg

Spain

Habasisit Hispanica S.A.,
Barberà del Vallès
Phone: +34 93 719 19 12
www.habasisit.com

Sweden

Habasisit AB, Hindsas
Phone: +46 301 226 00
www.habasisit.se

Switzerland

Habasisit Schweiz, Reinach
Phone: +41 61 715 15 75
www.habasisit.ch

Taiwan

Habasisit Rossi (Taiwan) Ltd.
Taipei Hsien
Phone: +886 2 2267 0538
www.habasisit.com.tw

Ukraine

Habasisit Ukraina, Vinnica
Phone: +38 0432 53 17 35
or +38 0432 53 67 38
www.habasisit.ua

United Kingdom and Ireland

Habasisit (UK) Ltd., Silsden
Phone: +44 870 835 9555
www.habasisit.co.uk

USA

Habasisit Belting Inc., Suwanee,
Georgia, Phone: +1 800 458 6431
www.habasisitusa.com

USA (Seamless belts only)

Habasisit ABT Inc., Middletown,
Connecticut, Phone: +1 860 632 2211
www.habasisitabt.com

Our Partner

Rossi Motoriduttori is one of Europe's largest industry groups for the production and sales of gear reducers, gearmotors, inverters, standard and brake motors.



ROSSI MOTORIDUTTORI
S.p.A. MODENA - I

Via Emilia Ovest 915/A
41100 Modena - Italy
Phone: +39 59 33 02 88
Fax: +39 59 82 77 74
www.rossi-group.com
info@rossi-group.com

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Headquarters

Habasisit AG
Römerstrasse 1
CH-4153 Reinach, Switzerland
Phone: +41 61 715 15 15
Fax: +41 61 715 15 55
E-mail info@habasisit.com
www.habasisit.com

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Subject to alterations
Printed in Switzerland
Publication data:
4005BRO.TOL-en1105HQR