

JÖRG[®]

machines

Machines for Sheet Metal Working



Machines for sheet metal

JÖRG Machines is specialist in sheet metal processing machines. Jörg manufactures, imports and supplies machines.

Contact

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The following brands and types of machines are distributed by JÖRG:

JÖRG (The Netherlands)

- Coil Fed Laser Cutting Machines
- Swaging machines
- Decoilers, cutting to length and slitting lines
- Manual shears
- Beading machines
- Corner notchers
- Punching machines
- Seam Closers
- U brakes
- Pittsburgh and Snap lock press brakes

AIR-WORKS (The Netherlands)

- Roll formers for HVAC seams
- Flanging machines
- CNC Plasma cutting machines

CIDAN (Sweden)

- Guillotine shears
- CNC power folding machines
- Cutting and slitting lines
- Decoilers

NOSSTEC (Sweden)

- Roller benders, manual, motorized and CNC controlled
- 3 and 4 rolls
- Symmetric and asymmetric

SCHECHTL (Germany)

- Manual folding machines
- Manual guillotine shears
- Mechanical guillotine shears
- Motorized and CNC controlled folding machines

VARIOBEND (Germany)

- Long folding machines, single and double folding
- Long folding machines, up and down fully automated

SCHWARTMANN (Germany)

- Various machines for Insulation sheet metal

FIRMAC (England)

- Ducting lines
- Plasma feeders
- POD lines
- Duct seaming machines

ECKOLD (Germany – Switzerland)

- Clinching tools
- HVAC Clinching tools
- Kraft former machines
- Edge forming machines

HYPERTHERM (USA)

- Authorised dealer Plasma cutting sources, torches and consumables

X-MACHINES (Sweden, ex Pullmax)

- Beveling machines
- Very robust and exclusive

MAGNABEND (China)

- Magnetic folding machines

SENTE (Turkey)

- HVAC Machines, round and square

COILTECH (Turkey)

- Press automation
- Decoilers
- Straighteners and servo feeders

FORSTNER (Austria)

- Decoilers
- Slitting and recoiling
- Duct lines
- Tube lines
- Customer specific, tailor made

SCHLEBACH (Germany)

- Profiling machines
- Bending-, folding- and flanging machines
- Notching and slitting machines

DENER (Turkey)

- Hydraulic guillotine shears
- Press brakes

SLINET (Germany)

- Automatic decoilers
- Slitting machines

EKICONTROL (Spain)

- Heavy slitting machines

JÖRG Machines BV, an impression

JÖRG Machines BV has been manufacturing machines for sheet metal working for more than 85 years. These machines are marketed under the JÖRG brand name. In addition the Air-Works machines are manufactured by Jörg. Through its long history, Jörg has gained substantial knowledge about the market and technology. Because Jörg also works together with various other manufacturers as their importer in the Netherlands and Belgium, it has a full range available for all types of businesses where sheet is being processed.

Jörg predominantly focuses on several specific markets for which it offers a full range. These are primarily:

- Suppliers of zinc rainwater drainage systems
- Insulation companies
- The HVAC industry
- Metal processing companies for cladding and roofing
- Machine builders, schools, metal goods manufacturers, Technical Service workshops, etc.

Jörg supplies both new and refurbished machines. The refurbished machines are usually obtained through trade-in. These machines are technically refurbished before they are delivered to a new user. This way we can offer a wide range of products to a broad clientele. These refurbished machines are offered on the website www.jorg.com.



Examples of refurbished machines

In addition to a good supply program, Jörg has an expert service department. The mechanics are always underway to install, maintain, test, repair, and if needed, convert machines. In the workshop larger repairs are carried out, shear blades are sharpened, and parts manufactured.



Service and quality
is the motto of
Jörg's strongly
motivated team

Service

In the end, the goal of good service is to keep everything operational. In our jargon, that means keeping the machines running. At Jörg the concept of service has a much wider meaning.

Service begins even before a machine is purchased. Upon procuring a machine, large or small, only the customer's needs count. Good and honest advice, and sufficient information is what it's all about.

Not Jörg's interests, but those of the user are decisive.



keeping
the machines
running

However, it is after the sale when the real work starts. The installation of the machine and the introduction to the new users. It is important that a machine is delivered in such a way that the operator knows how to operate it. That is what our mechanics stand for. Good and swift installation, followed by a practical instruction. And, if one instruction proves insufficient, we will gladly offer further information. By telephone, online, or on-site, we are ready to help you as effectively as possible.

Similarly, maintenance of the machines is important for good returns. We often see that the customers who attach great importance to maintenance are the successful ones. Through proper maintenance, the machine will perform better and longer, improving the overall returns of the investment. We enter into maintenance contracts with our customers, guaranteeing periodic maintenance and giving our customers financial benefits. It is better to prevent than to restore. Due to the increasing flexibility required of your production, unplanned downtime has become unacceptable.

We offer different types of service for various types of machines:

- Mechanical maintenance and repairs
- Sharpening service, we grind blades for guillotine shears ourselves, and re-mount them to the machine to help you quickly and efficiently. Slitting blades too are sharpened and changed
- Electrical malfunctions
- Software updates
- Hydraulics and Pneumatics
- Complete overhauls
- Component delivery
- Machine conversions to make them compatible with new (safety) requirements, or suitable for new applications

Sharp knives
grounded at
the right angle



JÖRG 1020/1028 Corner notchers

Stable machine with adjustable guidance. In one cut, a corner of 102 x 102 x 3 mm can be cut.

The precisely adjustable lower blades guarantee a burr-free cut. The blades are made of special quality steel. The adjustable stops are made so that they are suitable for both straight, and mitre cutting.

An ideal and efficient production machine.

Blades

The special design of the blades, of which the point hits the sheet first offers the following advantages:

- The sheet is held in place and does not slide.
- If the sheet has been marked up, it is easy to see whether the blades are cutting in the right place.
- When cutting small corners, the blades only need to make a small stroke.



Large work table and convenient stops with renewed guidance



The hydraulic pump is only activated by operating the foot pedal. Therefore, the corner notcher is silent and energy efficient

Technical details

- Capacity: 102 x 102 x 3 mm St.37
102 x 102 x 2 mm Stainless Steel
- Suitable for Steel, Stainless Steel, Copper, Aluminium, Zinc, etc.
- Work table: 400 x 450 mm, 98 cm high
- Weight: Ca. 120kg (1020) 150 kg (1028)
- Power supply: 3~400 V, 1,5 kW (1028)

Options

- Stand 81 cm high, for 1020 (40 kg)
- Spare blades
- Hydraulic or manual version
- Angle adjustable stops

JÖRG 1060 Punching machine

Efficient punching

The Jörg manually operated punching machine meets a need for technical services, production companies, schools and workshops, to punch accurately. The punches and dies are easy to change and the stripper ensures that the sheet doesn't get stuck.

The stops on the wide work table are easy to set and read on a mm scale.

A standard set of punches is included.

For serial production a hydraulic version is available.

Made in the Netherlands.



Good view on
the punching
work



Standard set of
punches included

Technical details

- Capacity: ca 60 kN (~Ø22 x 3 mm in St.37)
- Worktable: 400 x 450 mm
- Worktable height (with stand): 98 cm
- Weight: 120 kg
- Standard punches: Ø 5, 6, 7, 8, 9 and 10 mm
- Side and rear stop, left/right adjustable
- Throat depth: 145 mm; opening: 9,5 mm

Options

- Stand: 81 cm high (40 kg)
- Punches and dies Ø 3-30 mm per 0,5 mm
- Punches and dies, square up to 21 mm
- Punches and dies, slotted up to 25,5x30 mm
- Hydraulic punching
- Stripper plate for punches up to Ø 30 mm

JÖRG 1068 / 1069 Punching machine

Efficient punching

The Jörg hydraulic punching machine meets a need for technical services, production companies, schools and workshops, to punch accurately. Very suitable for single unit and serial production.

The punches and dies are easy to change and the stripper ensures the sheet doesn't get stuck.

The stops on the wide work table are easy to set and read on a mm scale.

A standard set of punches is included. For less intensive use a manual version is available.

Made in the Netherlands.



1068: Capacity 6 Ton and 145 mm throat depth



1069: Capacity 12 Ton and 340 mm throat depth



Good view on the punching work



Standard set of punches included
Ø 5, 6, 7, 8, 9 en 10 mm

Technical details 1068 / 1069

● Capacity:	60 kN	120 kN
In St. 37:	Ø 22 x 3 mm	Ø 22 x 6 mm
● Throat depth:	145 mm	340 mm
● Sheet opening:	9,5 mm	9,5 mm
● Work table:	400 x 450 mm	500 x 580 mm
● Working height:	98 cm	106 cm
● Weight:	170 kg	410 kg
● Power supply:	400V, 1,5 kW	400V, 3,0 kW

Options

- Punches and dies of Ø 3-30 mm per 0,5 mm
- Punches and dies, square up to 21 mm
- Punches and dies, slotted up to 25,5x30 mm
- Stripper plate for punches up to Ø 30 mm
- For 1069: larger sizes on request



JÖRG Coil Laser Pro 2010/2012/2015 Cutting from coil



Continuous working from coil:
ideal for long products



Fiber laser for
high efficiency

Jörg makes cutting awesome !

Jörg introduces a new concept fiber laser cutting machine: the Jörg Coil Fed Laser, intended for thin sheet, up to 2 mm. Using CAMDuct or EUROSOF software it is a very powerful machine for cutting the sheets for air ducts, ventilation, insulation cladding, etc.

Also suitable for other industries.

A compact machine that offers efficient production. Dutch design.

Possibilities

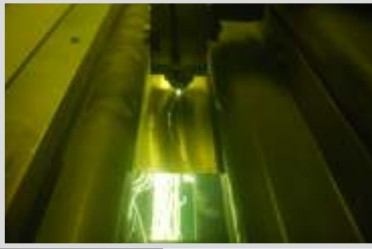
- Automatic coil selection
- Adjustable straightening rollers
- High material efficiency
- With special software, ideal for air duct production and insulation cladding
- Customer specific configuration possible

Technical details

- Model JÖRG 2010 / 2012 / 2015
- Machine width: 1050, 1270 or 1550 mm
- Capacity: Steel, Stainless Steel, Aluminium, Galvanised up to 2 mm
- Laser source: IPG Fiber Laser
- Dimensions: 2,76 x 1,79 x 1,88 m (Model 2010)



Precitec cutting head



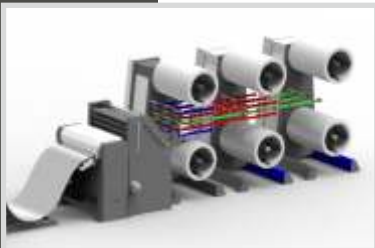
Touchscreen controls



Moulds with micro joints



Feed and coil select system to customer specification



Cutting from coil

The JÖRG-Laser cuts directly from the coil. This increases the material used efficiency, and the sheet supply to be efficient. In addition, the length of the products to be cut is not limited by the machine. By setting up multiple decoilers for the machine, with an automatic selector, it is possible to quickly switch materials.

Fiber laser

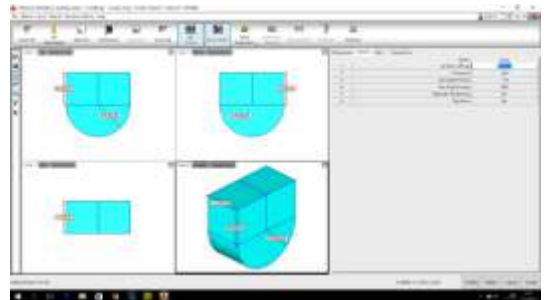
The JÖRG-Laser is equipped with an IPG Fiber laser. The capacity of the source is tuned to the material to be cut. Advantages of the fiber laser: high cutting speed, low energy consumption, and less maintenance required.

Applications

Insulation cladding, air duct fittings, thin sheet: steel, stainless steel, aluminium, copper, zinc, etc. Suitable for serial production, high volume production, production of complex nested parts and can be used as a replacement for punch lines.

Autodesk CAMDuct or EUROSOFTE-software

Optional software for efficient management of the production of air ducts, insulation cladding, and similar products: developing, nesting, and programming. With extensive database of standardised products.

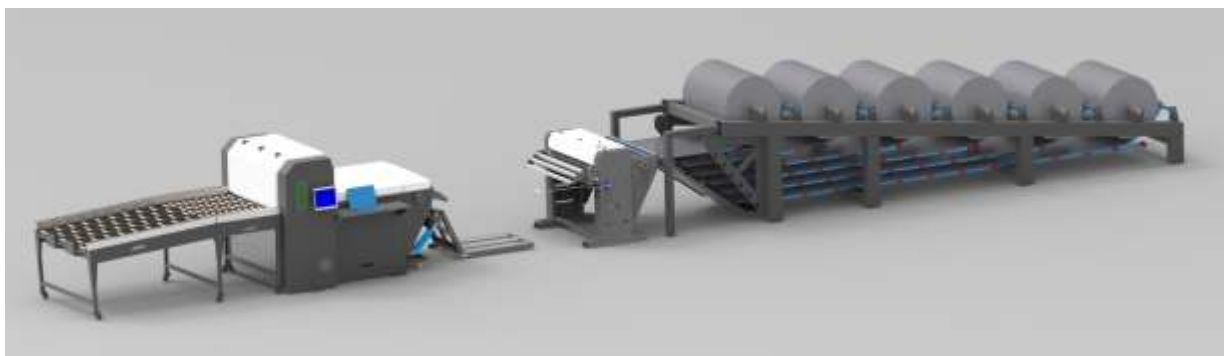


JÖRG 2030 Laser Compact



Jörg makes cutting awesome !

Jörg introduces a new Coil Fed Laser cutting machine: Type 2020 Compact. This machine design is very useful in smaller workshops. Because of its smaller footprint, less laser power and lower price. The straightener is built in the cutting machine, so the machine is working without a loop. The compact design and the use of only first class components makes this a very reliable machine. Using special selected software by Jörg makes it a very powerful coil fed laser-machine for cutting sheets for insulation sheet metal and HVAC.

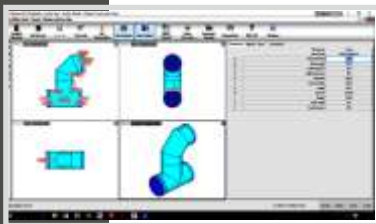
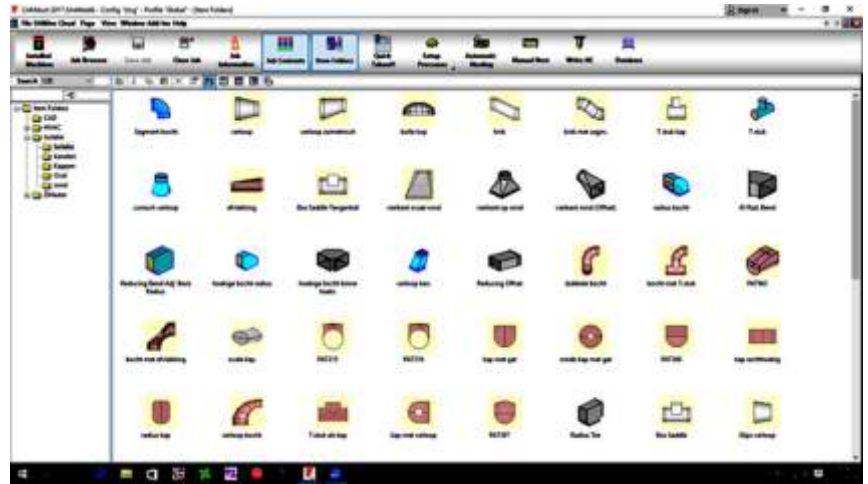


Optional program from Jörg for cutting tubes

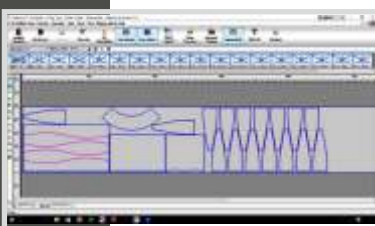
- Using full sheet width
- With or without holes
- Number of holes adjustable
- Diameter of hole adjustable
- Overlap and distance from hole to edge adjustable
- Hole distances also conical



CAMDUCT



Modify shape pieces quickly



Less material loss due to beneficial nesting

Advantages of Autodesk® CAMDUCT

- ◆ Renowned, widely used software for insulation and air ducts
- ◆ Complete library of fittings
- ◆ Runs on a Windows PC or laptop, off-line from the machine, making high machine occupancy possible, and programmable from any location
- ◆ Making a personal library with often used shapes
- ◆ Shape pieces can be standardised and stored
- ◆ Supplements for seams and connectors can be endlessly configured and stored, with or without hole connections and corner punches
- ◆ Data and measurements input is quick and clearly, clear 3D representation of the shape piece
- ◆ Quick check - and even modification - of developments
- ◆ Combination of different fittings possible
- ◆ Automatic or manual dividing of oversized sheet parts
- ◆ Including a CAD module
- ◆ DXF- and DWG-import and -export
- ◆ Automatic and manual nesting
- ◆ Printing of clear production listings
- ◆ Advanced job costing tool available
- ◆ Complete project administration possible
- ◆ CAMDUCT can also control other cutting machines



JÖRG 4922 / 4923

Cut to Length line

A compact machine for the decoiling, straightening, slitting, and cutting of rolls of zinc, copper, steel, aluminium, stainless steel, and other metals. Fully welded steel construction, compact design with electronic controls.

Standard version

- Straightening unit with 4 rolls and 2 vulcanised feeding rolls, gear driven
- PLC-control: easily programmable with 4 program lines for length and quantity
- Controls on left or right side
- Length measuring with wheel and encoder
- Stable mechanical guillotine shear
- Coil carrier on castor wheels, with tilting function



Straightening unit with 4 rolls



Adjustable side guidance with hand wheel for smaller coils

Features

- Compact
- Efficient
- Ridged
- Easy to operate

Technical details

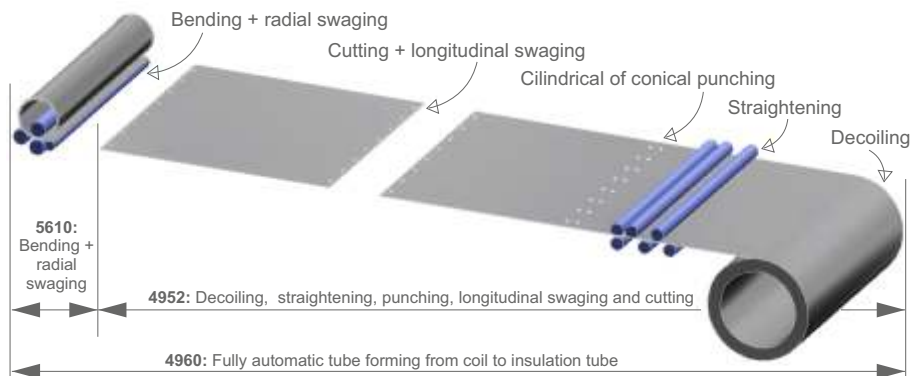
- Capacity: Type 4922: 1020 x 1,5 mm St.37
Type 4923: 1270 x 1,25 mm St.37
- Plate processing speed: 12 m/min
- Weight: 400 / 490 kg
- Dimensions: 1300 x 1520/1800 x 1160 mm
- Power supply: 3 x 400 V, 1,5 kW

Options

- Extra coil carrier and decoilers for heavy coils
- Controls on right-hand side
- Straightening rolls, hardened
- Side guidance, adjusted by hand wheel
- Slitting unit with number of slitting knives of choice
- Specials by request



JÖRG 4952-4960-5610 Tube forming machines



Effective machines for production of metal tubes for insulation work, complete or partial products

Fully automatic ISO tube forming line JÖRG 4960

- Produces fully automatic and fast insulation tubes of 1000 mm wide directly from coil
- This line consists out of a coil carrier, straightening unit, punching unit for cylindrical or conical punching, roller blade with 2 swaging units for longitudinal swages and a bending unit with additional swaging sets
- Wide variety of setting and adjusting options
- Easy programmable by touch-screen



Tube forming machine without bending JÖRG 4952

- Flexible machine for decoiling, straightening, punching, swaging and cutting of sheets for tubes
- Fast because of punching 1 row in 1 stroke
- Cylindrical or conical punching



Tube bending machine JÖRG 5610

- Efficient for swaging and bending of insulation tubes from already cut and punched sheets
- Significant faster as normal bending and swaging
- With radial swages



Compact and high speed

Efficient tube production

Technical details

- Capacity: 1020 x 1,0 mm St. 37
1020 x 0,8 mm Stainless Steel
1020 x 1,25 mm Aluminium
- Feeding speed: 12 m/min, approx. 4 tubes per minute
- Punching holes Ø 3,3 mm
- Power supply: 3 x 400 V, 1,5 kW

Options

- Extra coil carriers 300 - 1000 kg
- Heavy duty decoilers 1000 - 5000 kg
- Cut to length / slitting lines
- Coil Laser cutting machine with tube cutting program



JÖRG 4111 Lever shear

Jörg's solid lever shears are exceptionally suitable for cutting thin sheet. The lever mechanism is light in operation due to a powerful spring. The absence of a counterweight keeps the machine compact.

The back gauge has a range up to 650 mm, is easily adjustable with the hand wheel, and can be locked. The work table has a convenient perpendicular guide mounted on it for making perpendicular cuts to sheet material.

Comes with high-quality blades, which retain their sharpness, mounted as standard. A Jörg machine that has proven its quality and purpose in practice.

Throatless shear

Manual shear 4111 is a throatless shear, with which long cuts can be made. The sheet is clamped using a manual hold down.



Back gauge with hand wheel and scale



Downholder can be swung out

Technical details

- Capacity: 1020 x 1,5 mm St.37
1020 x 1,0 mm Stainless Steel
- Table height: 850 mm
- Back gauge: 0 - 650 mm
- Weight: 270 kg
- Dimensions: 1670 x 780 x 950 - 1160 mm

Options

- Spare blades
- Adjustable machine feet



Decoilers

The Jörg decoilers are easy and convenient to use in combination with a Plasma or Laser Cutting machine, or the Cut to Length line. For intensive industrial use heavy decoilers are available.



JÖRG 4902
 1000 mm x 300 kg, Tilting function



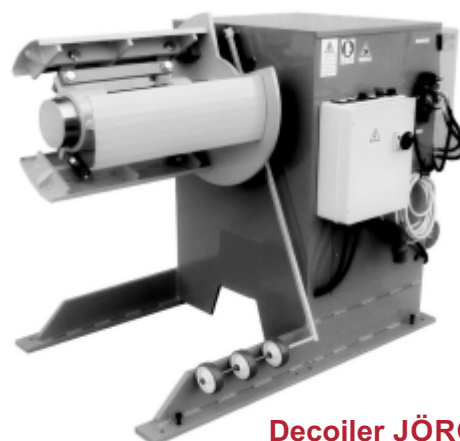
JÖRG 4902
 1000 mm x 1 ton
 With four support rolls



Decoiler JÖRG, Model AS
 Transport wheels (only 1,5 tons)
 700 mm x 1,5 tons
 1000 mm x 1,5 tons / 5 tons
 1250 mm x 1,5 tons / 5 tons
 1500 mm x 1,5 tons / 5 tons



Decoiler JÖRG
Model ASF, self-supporting
 1000 mm x 1 ton
 1250 mm x 1 ton



Decoiler JÖRG
Model ASM
Motorised, Self-supporting
 600 mm x 3 tons / 5 tons
 750 mm x 3 tons / 5 tons
 1000 mm x 3 tons / 5 tons
 1250 mm x 3 tons / 5 tons
 1500 mm x 3 tons / 5 tons
 Option: Coil carrier, Sensor



Decoiler JÖRG
Double, Model AS2
 700 mm x 1,5 tons + 1,5 tons
 1000 mm x 1,5 tons + 1,5 tons
 1250 mm x 1,5 tons + 1,5 tons
 1500 mm x 1,5 tons + 1,5 tons



JÖRG 5302

Swaging machine

Manually operated swaging machine

A convenient machine to work with, and of excellent Jörg quality. Fully welded steel construction.

All parts are carefully crafted. Made especially sturdy and reliable.

The upper shaft is manually operated and can be adjusted to the desired profile depth. The lower shaft is axial adjustable for the alignment of the rolls.

The foot offers space to store some rolls in. Rolls of the precursor, the JÖRG model 5300, are compatible.

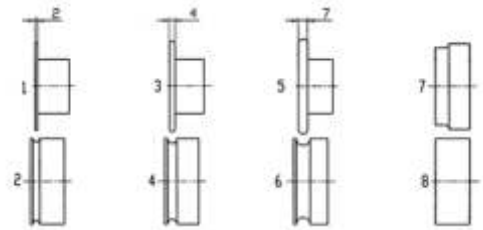


Included as standard

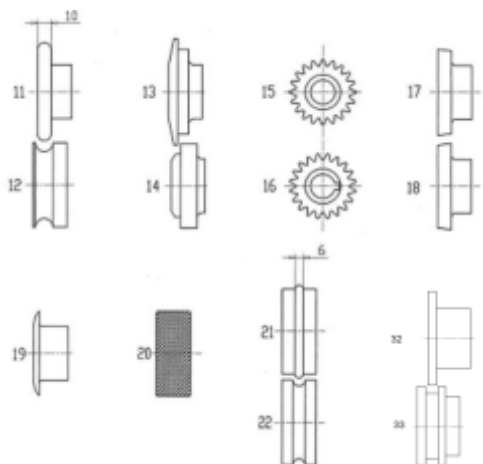
A double gauge

8 Standard rolls (No. 1 - 8)

Standard rolls:



Special rolls:



Stand for permanent or mobile setup

Technical details

- Capacity: 1,0 mm in St 37
- Working depth: max. 150 mm
- Centre distance rolls: 46 mm
- Weight: 18 kg
- Stand height: 81 cm

Options

- Heavy stand, 81 cm high (40 kg)
- Light stand, triangular, 81 cm high
- Shrinking rolls
- Cutting rolls
- Special rolls



JÖRG 5312 electric Swaging machine

Motorized swaging machine

A compact swaging machine with variable speed, of trusted Jörg quality. Fully welded steel construction.

All parts are carefully crafted. Made especially ridged and reliable.

The lower shaft is axial adjustable for the alignment of the rolls. The upper shaft can be adjusted to the desired profile depth.

The stand offers space to store some rolls in. Rolls of the precursor, the JÖRG model 5300, are compatible.

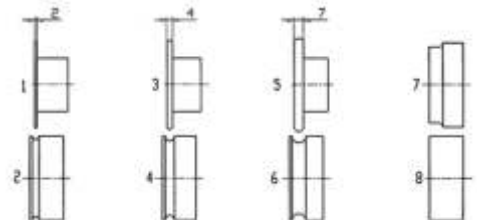
With a 230 Volt connection, allowing it to be used in the workshop and on the job site.

Included as standard

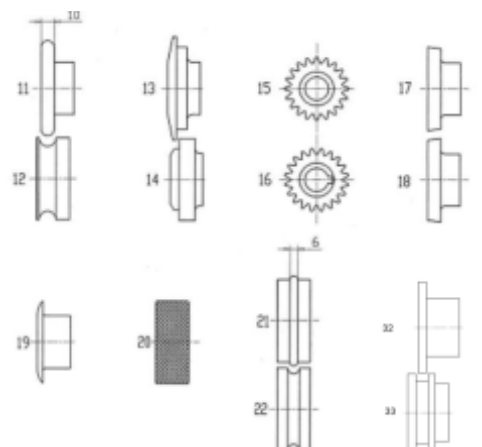
A double gauge

8 Standard rolls (No. 1 - 8)

Standard rolls:



Special rolls:



230V with frequency control
for variable rotating speed

Technical details

- Capacity: 1,0 mm in St.37
- Working depth: max. 150 mm
- Centre distance rolls: 46 mm
- Working height / weight: 1050 mm / 65 kg
- Speed: 3,5 - 15 m/min adjustable
- Power supply: 230 V / 0,5 kW

Options

- Shrinking rolls
- Cutting rolls
- Special rolls



JÖRG 5330 IsoProf Swaging machine

In the development of this swaging machine, a lot of attention went into operating convenience, productivity, power, and quality. The 5330 is mainly suitable for the multi-faceted and intensive insulation cladding.

Operating convenience

- Gauge adjustment by dial
- Stand suitable for pallet truck transport
- Variable speed due to frequency control
- With rack for hanging 18 rolls and the key on the swaging machine
- Power supply 230 V

Productivity and power

- Adjustable speed 3,5 - 20 m/min
- Shaft diameter: Ø 35 mm
- Motor: 0,75 kW

Quality

- Sturdy construction
- Self-greasing bearings
- Heavy shaft
- Made in The Netherlands



Standard version

- Hardened gauge
- 6 Sets of rolls
- Hanging rack
- Rolls of JÖRG 5310 are compatible



Dial adjusted gauge



Convex gauge

Key and rolls hung orderly



Stand suitable for moving the machine by pallet truck

Technical details

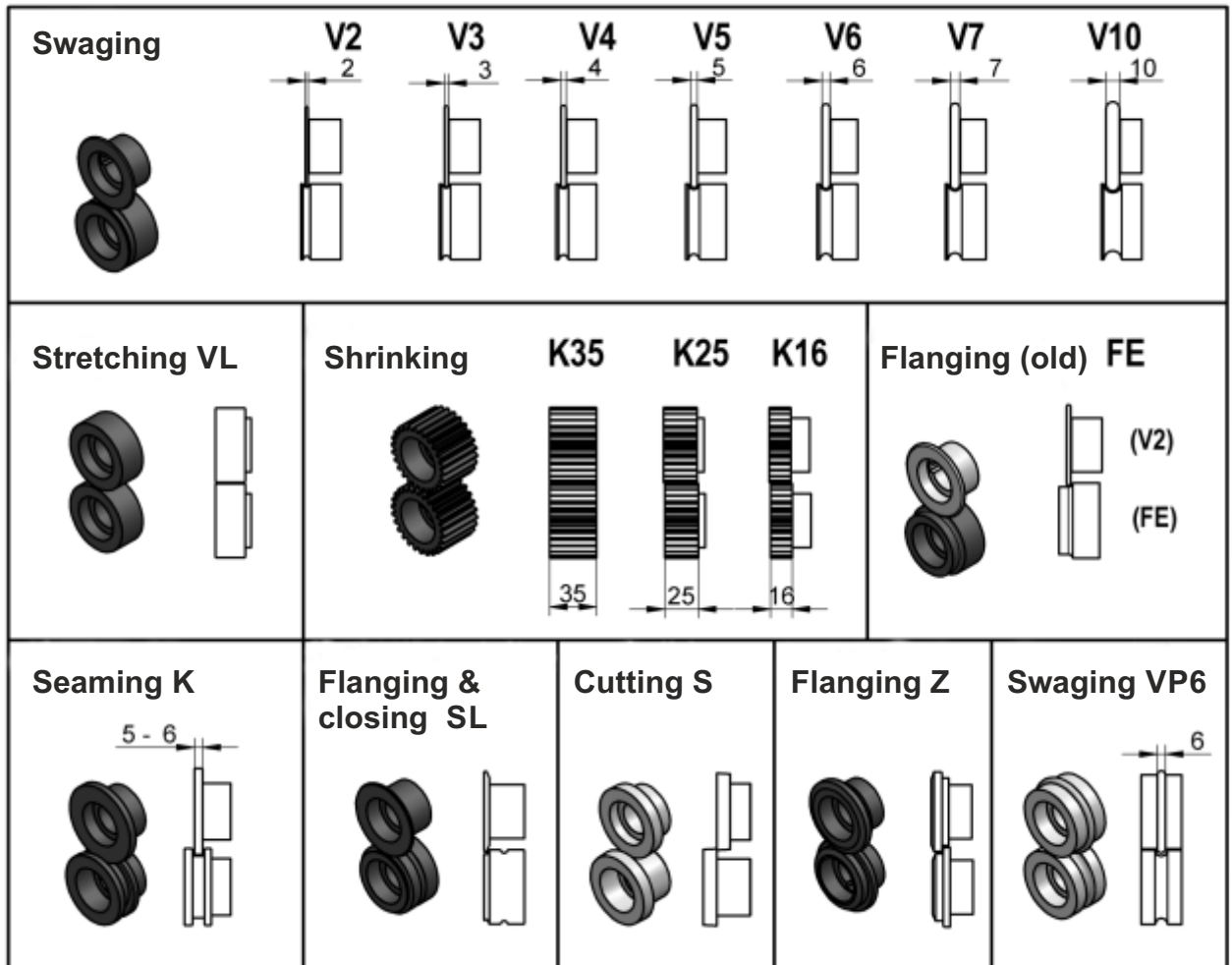
- Capacity: 1,6 mm in St.37, 1,0 mm in Stainless steel, 2,0 mm in Aluminium
- Working depth: 120 mm
- Centre distance rolls: 56 mm
- Variable working speed: 3,5 - 20 m/min
- Motor: 3~400V, 0,75 kW, Power supply: 230V
- Weight: 105 kg

Options

- Various rolls: see page 19
- Open gauge plate
- Convex gauge plate
- Support for making flange sides
- High speed, high power version 3,5 - 30 m/min, 1,1 kW
- Pneumatic closing



Rolls JÖRG 5330 swaging machine Isoprof (Ø 56 mm)



Article number	Name	Type	Process	Standard
5310-26-010 + 110	Swaging rolls 2 mm	V2	Swaging	X
5310-26-111	Lower swaging roll 3,6 mm	V2s	Swaging	
5310-26-071 + 081	Swaging rolls 3 mm	V3	Swaging	
5310-26-070 + 080	Swaging rolls 4 mm	V4	Swaging	X
5310-26-072 + 082	Swaging rolls 5 mm	V5	Swaging	
5310-26-073 + 083	Swaging rolls 6 mm	V6	Swaging	
5310-26-050 + 060	Swaging rolls 7 mm	V7	Swaging	X
5310-26-030 + 040	Swaging rolls 10 mm	V10	Swaging	
5310-26-090 + 100	Flanging rolls	Z	Flanging	
5310-26-020	Flanging roll	FE	Flanging	
5310-26-150 + 140	Shrinking rolls 35 mm	K35	Shrinking	
5310-26-151 + 141	Shrinking rolls 25 mm	K25	Shrinking	
5310-26-152 + 142	Shrinking rolls 16 mm	K16	Shrinking	
5310-26-153 + 143	Shrinking rolls 50 mm	K50	Shrinking	
5310-26-160 + 170	Cutting rolls	S	Cutting	
5310-26-180 + 185	Closing rolls	SL	Flanging + closing	X
5310-26-130	Flat rolls	VL	Stretching	X
	Flat roll B=***mm		Stretching B = ***mm	
5310-26-190	Flat roll Knurled	VLK	Stretching	
5310-26-200 + 210	Swaging rolls	VP6	Swaging	
5310-26-280 + 290	Square beading rolls 6 mm	K6	Seaming	X
5310-26-281 + 291	Square beading rolls 5 mm	K5	Seaming	



JÖRG 5343-V Swaging machine

Motorized swaging machine with variable speed!

A strong, welded frame. All parts are carefully crafted. Made especially sturdy and reliable. Powered by a 0,75 kW AC motor. Complete with double foot pedal, adjustable gauge, hardened front plate and 8 rolls. Axial adjusting of the upper roll with gear rack. Spindle-controlled height adjustment of the upper roll.

Variable speed, frequency controlled

Dial operated speed control from 3,5 to 20 m/min. The frequency control gives the machine controllable Soft-start and Quick-stop.

Standard version includes:

- Double foot pedal
- 1 Combined open and closed adjustable gauge
- 5 Pair of standard rolls
- Stand suitable for pallet truck transport
- Hanging rack for 18 rolls and a key



← Pneumatic clamping



← Rolls and key orderly hung



Open gauge

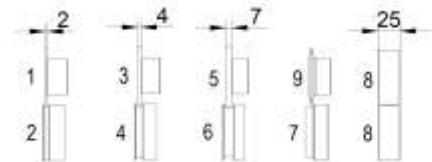


Convex gauge

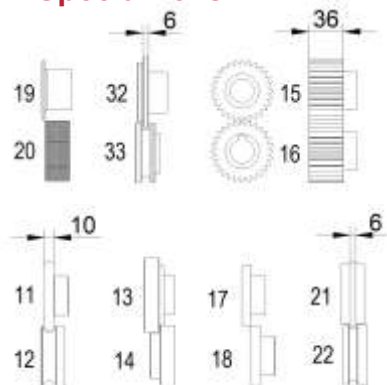


Tool for flanging

Standard rolls:



Special rolls:



Technical details

- Capacity: 1,6 mm in St.37, 1,0 mm in Stainless Steel, 2 mm in Aluminium
- Troath depth: 240 mm
- Centre distance of the rolls: 63 mm
- Speed: 3,5 - 20 m/min adjustable
- Motor: 3~400V, 0,75 kW, Power supply: 230V
- Weight: 95 kg

Options

- Pneumatic clamping of upper shaft
- Time relay for automatic operation
- Shrinking rolls, cutting rolls and special rolls
- Open gauge plate
- Convex gauge



JÖRG 5353 Swaging machine

Strong motorized swaging machine with variable speed!

Fully welded steel construction. All parts are carefully crafted. Heavy Duty execution and reliable version.

Stronger motor, sturdy shafts, and stronger bearings. The upper shaft can be adjusted to change the working depth as well as axial adjusted for profile rolls, cutting rolls, etc.

Variable speed through frequency control

Working speed of 3,5 - 20 m/min, adjustable by dial. The frequency control gives the machine a controllable Soft-start and Quick-stop.

Standard version

- Double foot pedal L + R
- 1 Open adjustable back gauge
- 1 Closed, hardened back gauge
- 4 Pair standard rolls



Stand suitable to move the machine on a pallet truck



Open gauge



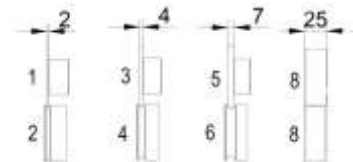
Convex gauge



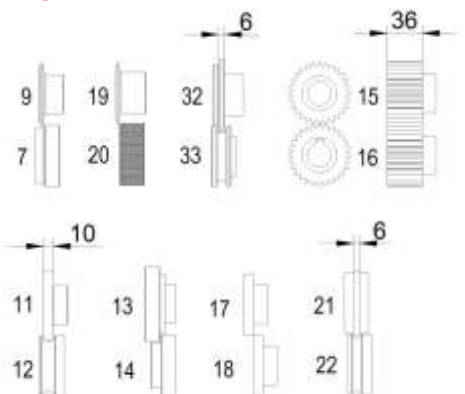
Tool for flanging



Standard rolls:



Special rolls:



Technical details

- Capacity: 1,8 mm in St.37, 1,25 mm in Stainless Steel, 2,5 mm in Aluminium
- Working depth: 240 mm
- Centre distance of the rolls: 63 mm
- Variable working speed: 3,5 - 20 m/min
- Motor: 3~400V, 1,1 kW, Power supply: 230V
- Weight: 100 kg

Options

- Pneumatic/hydraulic clamping
- Time relays for automatic operation
- Shrinking rolls, Cutting rolls, Special Rolls
- Stand plate, suitable for pallet truck transport
- Open stop-plate
- Convex gauge



JÖRG 5731 / 5704 / 5705 / 5706 Manual Beading machines

Jörg Machines supplies high-quality and durable beading machines. The beading device can be easily set for beading rods of different diameters. The rear bar is higher, making it easier to feed the sheet in the machine, and stop it from being pushed away.



Versions

The beading beam with a working length of 1 metre is directly, manually operated. The longer bars have a gear wheel transmission, making it easy for 1 person to perform the operation.

The beading rod is driven from two sides to ensure straight beads



Beautiful, straight beads for your gutters

Beading rods supplied from stock

Technical details

- Capacity: Zinc 1,1 mm
- 5731 For beading rods Ø 12 - 25 mm, working length 1020 mm
- 5704/5705/5706 For beading rods Ø 14, 16 and 18 mm
- Working length: 2020, 2520 and 3020 mm

Options

- Beading rods 1 meter and Ø 12, 14, 16, 18, 20, 22 and 25 mm can be supplied from stock.
- Motorized beading machines 1 to 6 meter
- Folding unit



JÖRG 5714

Beading machines "Professional"

The Jörg motorized beading machines are designed for quick and accurate beading of zinc, copper, etc, as commonly used in gutters. The robust build, providing reliable functioning is characteristic, an attractive design with ergonomic and easy operation.

The foot pedal keeps your hands free. The beading rod can move freely, to rarely "miss" and make nice beads.

The machine has a powerful direct motor drive and control via PLC, ensuring always the same size of beading. The digitally settable 3/4 bead is standard.

Corner cutting

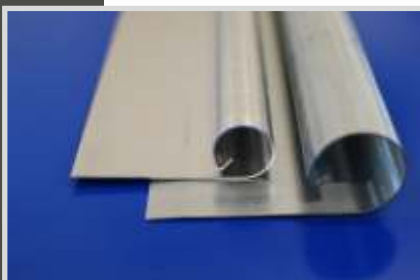
The machines are supplied with two adjustable corner cutters for both corners. A big advantage of this, is that while one sheet is being beaded, the corners of another can be cut.



The 5714 can be extended to 3 meters

Standard version:

- Corner cutters
- Hardened steel blades
- Manually / foot control
- Lamp for position indication
- High beading speed
- Low-maintenance
- Holder for additional beading rods
- Settable 3/4 bead
- Disconnectable right drive



Nice beads for your gutters



Technical details

- Motor: 1,5 kW with brake
- Power supply 3~400 Volt/ 50 Hz
- Capacity: beading rods Ø14 - 25 mm
- Working length: 2020 mm
- Plate: up to 1,1 mm (Zinc 16)
- Weight: 380 kg

Options

- Beading rods: Ø 14, 16, 18, 20, 22 and 25 mm
- Extended version of 3 metres
- Folding unit



JÖRG 5726 / 5728 / 5729 Industrial Beading machine

The fully automatic Jörg beading machine is designed for the fast and efficient processing of three to six metre lengths of zinc, copper, plastisol, etc. The machine offers a high level of user friendliness. The machine is equipped with a powerful motor and at an ideal height, so that the operator always has a good overview of the beading process. This, among other things, makes working with this machine quick and safe.

The configuration of the beading bar and the flexible drive of the beading rod are unique. This creates a reliable beading process with few failures and good discharge. The hardened chrome infeed side of the beading bars prevents scratches on zinc. Heavy and sturdy construction for long and reliable use.

Water barrier: Besides beading, the machine can also be used to make a water barrier on the sheet.

Quick-change system: Another advantage of the Jörg beading machines is the option to mount four different beading bars on a rotating beam. The change over time from one diameter to another is less than 1 minute.

Input unit with corner cutters: Another option is an input unit with integrated corner cutters. This unit increases the productivity, because a sheet can be fed into the beading machine by a single person.

PLC control: The machine is controlled by a PLC for reliable and accurate functioning!

Included as standard:

- Digitally adjustable beading angle
- Foot pedal
- Manual and automatic operation
- Lamp indicator beading machine position
- Low-maintenance
- High beading speed
- Holder for additional beading rods

Designed by JÖRG, Made in the Netherlands!



Technical details

- Motor: 3 kW
- Power supply: 3~400 Volt/ 50 Hz
- Compressed air: min. 6 bar dry air
- Working length: 3060, 4020 or 6030 mm
- Beading rods Ø16 - Ø25, optional - Ø40 mm
- Capacity: 1,1 mm (Zinc 16), 0,8 mm Steel
- Weight: ca 1250 kg

Options

- Beading beam for rods Ø 16 - Ø 25 mm
- Beading beam for rods Ø 28 - Ø 40 mm
- Quick exchange system for 2 or 4 diameters
- Hydraulically adjustable beading beam
- Input unit (with or without corner cutters)
- High-quality chrome-steel beading rods: Ø 16, 18, 20, 22, 25, 28, 30, 35, 40 mm



JÖRG 5836 / 5838 Input unit

- Time saving, due to single person operating of the machine
- The corner cutters are built on the input unit as standard. That way the sheet can be put directly onto the input tray, where it is cut. After cutting, the tray automatically goes up a bit so that the sheet can be pushed directly into the beading rod
- Unnecessary handling is thus prevented. The size of the corners to be cut can be easily adjusted
- The corner cutters are of a heavy-duty execution. Also, the blades are hardened. And the mechanism is pneumatically driven
- The cut-off corner is collected in a tray. This way, the waste doesn't end up on the floor, keeping the workplace clean and safe
- During the beading process, the infeed slot falls back to the "cutting position", so that the sheet can be pushed off the beading rod
- The input unit is operated by a 2nd secured foot pedal



Input unit with corner cutters
3 or 4 meter



Alternative: Simplified input unit, 3, 4 or 6 meter

- This allows sheets to be fed by a single person
- Operated by a manual air valve
- No corner cutters



JÖRG 6402 / 6403 Seam closer

The seam closer is designed for easily and quickly closing seam folded tubes fitted with a double seam. The closure is of a high quality. The machine has a variable working speed, and roll-pressure is applied pneumatically.

This machine is entirely designed by Jörg and produced in the Netherlands and is especially strong and carefully constructed to allow years of pleasant and productive work.

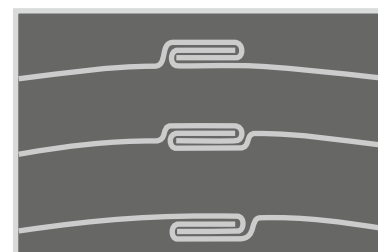
Up to 1 mm of St.37 can be processed. The foot pedal is used to clamp, process and tightly seal the tube. Application includes the air duct industry, exhaust gas ducts, and insulation.

By feeding the tube from both sides, pipes up to twice the machine's capacity can be processed.



Good closed tubes
up to two or three
meter long

External seam, middle
seam or internal seam



Technical details

- Motor: 0,75 kW, 400 V
- Capacity: 6402-V: 1,0 x 1050 mm (St.37)
- Capacity: 6403-V: 0,8 x 1550 mm (St.37)
- Power supply: 230 V
- Variable speed: 4,5 - 20 m/min
- Smallest possible tube diameter 100 mm

Dimensions

- Working height: 1015 mm
- Weight ca: 300 kg
- Dimensions l x w x h: 1600 x 650 x 1600 mm



JÖRG 8202 U-brake

The **U-Brake** is a special press brake, with which square-to-round fittings for air ducts and insulation can be made fast and easy. The open C-frame allows products to be easily placed in, and taken out of the machine.

Working fast and safe

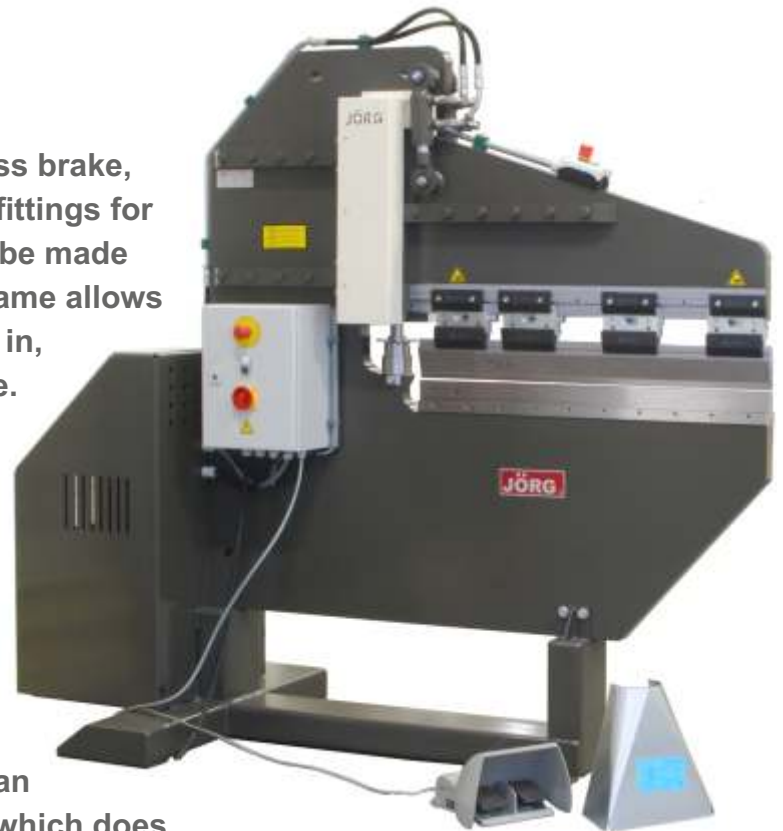
To establish a quick and safe work process, a short press stroke is required, because of this it's more difficult to take products out of the machine.

This is solved by designing an open C-frame construction, which does not compromise on the stability.

Fittings

This press brake is ideally suited for producing square-to-round fittings.

Other press brake operations are also possible.



From square
to round!

The short stroke prevents the need for additional safeguards, making the machine easy accessible and fast

Technical details

- Execution: Hydraulic
- Capacity: 8 ton
- Working length: 1000 mm
- Working height: 100 cm
- Dimensions: 2180 x 1015 x 1970 mm
- Weight: 1250 kg
- Power supply: 3~400 V: 3F + 0 + earth

Options

- Folding stops
- Modifications as desired



JÖRG 8301

Snap Lock Press brake

Hydraulic press brake

For bending the male snap lock seam at fitting inner corners. This machine is specifically intended for rectangular fittings in the HVAC industry.

Features

- The upper punch moves vertically, the sheet is fed in horizontally from the front.
- The working width is 620 mm, with a free opening at both sides
- Hydraulic drive: 2 single acting cylinders with spring return
- Foot pedal operated. If the foot pedal is not operated, the pump stops, and the upper punch moves up (open).
- Economical and quiet
- Emergency stop and main power switch on the front
- Made in the Netherlands

Snap Lock

- Press force: 15 tons, suitable for bending 1,25 mm St.37 over the full length, simultaneously 15 snap lock notches are made.



Tools for snap lock
or Pittsburgh



Snap lock inner corner

Technical details

- Execution: Hydraulic
- Press force: 15 tons
- Capacity: 1,25 mm St.37
- Working length: 620 mm with free opening L+R
- Seam height: 10 mm
- Working height: ca 90 cm
- Power supply: 3~400V + 0 + earth

Options

- Also available for Pittsburgh seam



MAGNABEND

Magnetic folding machines



The MAGNABEND is a unique, versatile and easy to use folding machine. Suitable for folding many types of sheet, including aluminium, copper, steel, stainless steel, coated materials, etc. There are models in the range from 1000 to 3200 mm working length.

Electromagnetic clamping system

A powerful electromagnet pulls on the upper beam, so that the sheet is clamped. As Clamping takes place across the entire width, there is minimal deviation. Because the upper bar is always a flat strip, closed tubes or high boxes can be folded. The clamping bar of the MAGNABEND can be easily removed and



Unique bends possible due to magnetic clamping.
 See also the video on www.jorg.com



Standard

- Wide clamping bar
- Narrow clamping bar
- Slotted clamping bar for shallow boxes
- Segmented clamping bar (fingers)
- Sheet support
- Foot pedal (models 1250E and up)
- Stops

Technical details

- 1000E, capacity: 1000x1,6mm
- 1250E, capacity: 1250x1,6mm
- 2000E, capacity: 2000x1,6mm
- 2500E, capacity: 2500x1,6mm
- 3200E, capacity: 3200x1,2mm
- Power supply: 230 V



Air-Works 9513 Plasma Quick Cut Machine

The table, with a working range of 1500 x 3000 mm or 1500 x 6000 mm, has easily changeable slats and is divided into zones. The suction channel is positioned over the entire table length. Via mechanical valves, suction is only applied to the section under the torch. At most two valves are operated simultaneously, so that a minimum exhaust value is required, which saves on



A pallet with sheets can be placed under the machine



Toorts
ANTI-COLLISION
system



Hypertherm EDGE Connect

energy and heating costs.

In case of a torch collision, it will easily release from its hanging system, after which the torch can be easily put back. This system also makes changing consumables and torch adjustment convenient and easy.

Optimal drive system for high stability by an closed encoder/servomotor system.

The Hypertherm EDGE Connect TC CNC Controller is mounted on the bridge. With Hypertherm Powermax Plasma Unit included as standard.

High precision guiding. Very stable mono-block designed frame, which guarantees ease of installation and stability.

Height adjustable machine feet, a special foundation is not required. X and Y axis rack and pinion driven.

Technical details

- Cutting table dimensions: 1550 x 3100 mm
- Max. table load: 750 kg
- Table height: 850 mm; Weight: 1680 kg
- Cutting speed: 0,3 to 11 m/min
- Maximum positioning speed: 20 m/min
- Suction volume: 3000 m³/hour
- Size (l x b x h): 4300 x 1800 x 1250 mm
- Power supply: 400V - 32 A + 230V - 10A, 50Hz

Options

- Cutting table dimensions: 1550 x 6200 mm
- Maximum sheet thickness dependent on the plasma cutting unit
- Height adjustable cutting head
- Powermax 85, 105 or 125



Air-Works PSM 20 Pittsburgh Seam machine

Developed for the HVAC industry for manufacturing airtight and strong rectangular duct work.

- Female Pittsburgh seam formed by an 5-rolls inboard station
- Timing belt driven
- Easy to operate due to extra-long entrance guide
- The powder coated steel welded frame offers increased stability
- Fully metric design
- Additional emergency stop on worktable
- User-friendly, oblong table, with no sharp corners
- Plug and Play supplied



		Capacity	Over size	Seam size
Pittsburgh 20 Female Seam standard		0,5 - 1,0 mm	± 25,4 mm	± 7,9 mm
Automatic Male Seam Attachment		0,5 - 1,0 mm	up to ± 5 mm	Up to ± 6 mm height
Double Seam Rolls Type „S“		0,5 - 1,0 mm	± 28,6 mm	± 9,5 mm seam
Straight Right Angle Flange Rolls		0,5 - 1,0 mm	± 10 mm	up to ± 11 mm height
Drive Cleat Rolls		0,5 - 1,0 mm	± 54 mm	± 28,6 mm width



AMS seam unit for
Male Pittsburgh seam

Standard

- Stations: 5
- Speed: ± 8 m/min
- Motor: 0,75 kW
- Power supply: 400 V, 50 Hz 3 phase
- Dimensions: 1,35 x 0,6 x 0,95 m
- Weight: 115 kg
- Maximum sheet thickness: 1,0 mm

Options

- Increased productivity by adding the Automatic Male Seam Attachment (AMS) for manufacturing Male Pittsburgh seams on sheets
- Possibility to expand with one additional set of profile rolls on 5-rolls outboard station
- Variable speed
- Automatic start-stop system







Air-Works PSM 16 Pittsburgh Seam machine

Developed for the HVAC industry, for the manufacturing of airtight and strong rectangular duct work

- Female Pittsburgh seam formed by a 7-rolls inboard station
- Timing belt driven
- Easy to operate due to extra-long entrance guide
- The powder coated steel welded frame offers increased stability
- Fully metric design
- Additional emergency stop on worktable
- User-friendly, oblong table, with no sharp corners
- Plug and Play supplied



		Capacity	Over size	Seam size
Pittsburgh 16 Female Seam standard		0,7 - 1,6 mm	± 30,2 mm	± 12,7 mm
Double Seam Rolls Type „L“		0,7 - 1,6 mm	± 31,8 mm	± 11,1 mm seam
Straight Right Angle Flange Rolls		0,7 - 1,6 mm	up to ± 10 mm	up to ± 11 mm height
Drive Cleat Rolls		0,5 - 1,0 mm	± 54 mm	± 28,6 mm width

Technical details

- Stations: 7
- Speed: 14 m/min
- Motor: 2,2 kW
- Voltage: 400 V, 50 Hz 3 fase
- Dimensions: 1,75 x 0,7 x 1 m
- Weight: 285 kg
- Maximum sheet thickness: 1,6 mm

Options

- Possibility to expand by one extra set of profile rolls on 7-rolls outboard station
- Variable speed
- Automatic start-stop system



Air-Works RSM 16

Right Angle Seam machine

Developed for the HVAC industry for the production of rectangular duct work

- Forms the Male Pittsburgh seam in one operation
- Easy to operate due to semi-automatic guiding of the curves
- Minimum radius 83 mm
- V-belt driven
- The powder coated steel welded frame offers increased stability
- Fully metric design
- Extra emergency stop on the front side of the work table
- Available in two seam heights



Right angle seam on a segment

		Capacity	Over size	Seam size
Right Angle Seam standard		0,5 - 1,6 mm	± 10 mm	up to ± 11 mm height

Technical details

- Stations: 1
- Speed: 5,5 m/min
- Motor: 0,75 kW
- Voltage: 400 V, 50 Hz 3 fase
- Dimensions: 0,80 x 0,75 x 1,10 m
- Weight: 115 kg
- Maximum sheet thickness: 1,6 mm

Options

- Air-Works PSM 16: ideal for the forming of straight sheets and female Pittsburgh seams





Air-Works SSM 20 Snap Lock Seam machine

Developed for the HVAC industry, to reduce the production time of rectangular duct work.

- Female snap lock seam formed on 9-rolls inboard station
- Male snap lock seam formed on 9-rolls outboard station
- Timing belt driven
- Easy to operate due to extra-long entrance guide
- The powder-coated welded-steel frame offers a high degree of stability
- Fully metric design
- Extra emergency stop on both sides of the machine
- User-friendly, oblong table, with no sharp corners
- Plug and Play supplied



		Capacity	Over size	Seam size
Snap lock 20 Female Seam standard		0,5 - 1,0 mm	± 33 mm	± 13 mm
Snap lock 20 Male Seam standard		0,5 - 1,0 mm	± 9 mm	± 10 mm seam

Technical details

- Stations: 9
- Speed: 20 m/min
- Motor: 2,2 kW
- Voltage: 400 V, 50 Hz 3 fase
- Dimensions: 1,75 x 0,7 x 1 m
- Weight: 350 kg
- Maximum sheet thickness: 1,0 mm

Options

- Variable speed
- Automatic start-stop system



Air-Works BSM 201 Button Punch Snaplock Flanging machine

Developed for the HVAC industry for manufacturing rectangular duct work.

- Reduces production time
- Easy to operate due to semi-automatic guiding of the curves
- Semi-automatic forming of the male snap lock seam, perfectly fitting the female snap lock seam of model SSM 20
- Minimum inner radius 60 mm for segments 90°, and 90 mm for segments 180°
- V-belt driven
- The powder coated steel welded- frame offers increased stability
- Fully metric design
- Extra emergency stop on the front of the work table



Snap Lock Male Seam

	Capacity	Over size	Seam size
Button Punch Snap Lock Male Seam standard 	0,5 - 1,0 mm	± 9 mm	up to ± 10 mm height

Technical details

- Stations: 2
- Speed: 1-9 m/min
- Motor: 0,75 kW
- Voltage: 400 V, 50 Hz 3 fase
- Dimensions: 0,8 x 0,75 x 1,1 m
- Weight: 115 kg
- Maximum sheet thickness: 1 mm

Options

- Air-Works SSM 20: ideal for the forming of straight sheets and female Pittsburgh seams





Jörg Machines:
strong in service



Jörg in Dodewaard
along A15 highway