

# MC 302 Geos



## 5 assi CNC / 5 axis CNC

Corsa asse X X axis stroke	mm	7500 9400 11400
Corsa asse Y Y axis stroke	mm	1450
Corsa asse Z Z axis stroke	mm	620
Corsa asse A A axis stroke	deg	± 125°
Corsa asse C C axis stroke	deg	± 220°
Potenza Power	kW	10
Velocità massima di rotazione Maximum rotation speed	rpm	24000
Cono attacco portautensile Type of coupling holder		HSK F 63
Tipo di raffreddamento Type of cooling		Liquid

**1** Workable nominal section, milling cycle (YxZ) 650 x 300 mm

**3** The rotating tool magazine with 18 positions is located on the carriage of the machine and thus reducing significantly the tool change time

**2** Available in 3 different longitudinal strokes: X = 7500 mm, X = 9400 mm, X = 11400 mm

**4** The working area of the machine can be used as a single working field or be used in pendular mode obtaining 2 separate working zones, so reducing consequently the loading and unloading time

**5** Simultaneous clamp positioning

# MC 304 Ariel

## 3 assi CNC / 3 axis CNC

Corsa asse X X axis stroke	mm	7500 9500 11500
Corsa asse Y Y axis stroke	mm	1460
Corsa asse Z Z axis stroke	mm	620
Potenza Power	kW	7,5
Velocità massima di rotazione Maximum rotation speed	rpm	24000
Cono attacco portautensile Type of coupling holder		ISO30
Tipo di raffreddamento Type of cooling		Air

**1** Workable nominal section, milling cycle (YxZ) 650 x 300 mm

**3** Simultaneous clamp positioning

**2** The high performance provided from the electric spindle and from the 12-positions tools magazine make possible to diversify the working with great flexibility



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# MC 304 Atlas

1

Workable nominal section, milling cycle (YxZ) 650 x 300 mm

2

The particular structure of the clamps has made possible to develop a version for the machining of composite panels (ATLAS PANELS)

3

The 8-positions tool magazine is mounted on the mobile upright; the tool change can be carried out into any position belonging to the working area

4

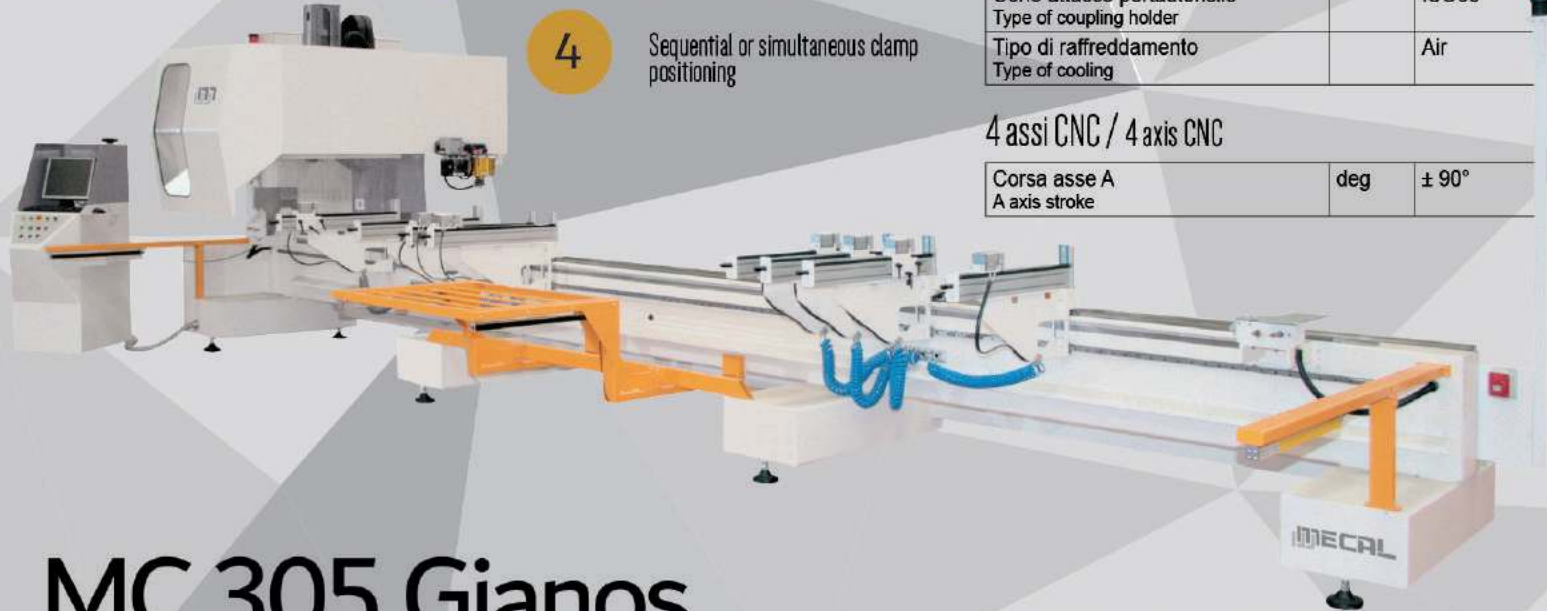
Sequential or simultaneous clamp positioning

## 3 assi CNC / 3 axis CNC

Corsa asse X X axis stroke	mm	7460
Corsa asse Y Y axis stroke	mm	1460
Corsa asse Z Z axis stroke	mm	620
Potenza Power	kW	5,5
Velocità massima di rotazione Maximum rotation speed	rpm	18000
Cono attacco portautensile Type of coupling holder		ISO30
Tipo di raffreddamento Type of cooling		Air

## 4 assi CNC / 4 axis CNC

Corsa asse A A axis stroke	deg	± 90°
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# MC 305 Gianos

1

Workable nominal section, milling cycle (YxZ) 200 x 200 mm

2

The workpieces can be supported on two separate mobile beams, which can be rotated independently or in a synchronized way

3

The tool magazine is placed in the machine base center; up to 11 types of different tools can be physically positioned

## 3 assi CNC + 2 / 3 axis CNC + 2

Corsa asse X X axis stroke	mm	7438
Corsa asse Y Y axis stroke	mm	530
Corsa asse Z Z axis stroke	mm	410
Corsa asse A/B A / B axis stroke	deg	± 125°
Potenza Power	kW	5,5
Velocità massima di rotazione Maximum rotation speed	rpm	18000
Cono attacco portautensile Type of coupling holder		ISO30
Tipo di raffreddamento Type of cooling		Air



# MC 305 Kosmos

1 Workable nominal section, milling cycle (YxZ) 200 x 200 mm

2 The tools magazine is positioned in the middle of the basement, inside a protected area. It can store tool holders for milling, threading, end-milling and also angular heads.)

3 Sequential or simultaneous clamp positioning

4 assi CNC / 4 axis CNC

Corsa asse A A axis stroke	deg	± 125°
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3 assi CNC / 3 axis CNC

Corsa asse X X axis stroke	mm	4225
Corsa asse Y Y axis stroke	mm	530
Corsa asse Z Z axis stroke	mm	410
Potenza Power	kW	5,5
Velocità massima di rotazione Maximum rotation speed	rpm	18000
Cono attacco portautensile Type of coupling holder		ISO30
Tipo di raffreddamento Type of cooling		Air



# MC 307 Falcon

2 Compact and innovative design

3 The 8-position tool magazine is placed in the center of the base, thus reducing the time required for tool change

4 Axis speeds up to 150 m/min

5 The clamps beam can be positioned side by side to the longitudinal axis at any angle within ± 125°

6 Motorized conveyor with PVC belt to evacuate of chips and swarf

1 The axis slide on precision linear guides and are driven by motors operated with digital systems. All systems handling axes are lubricated through an automatic centralized system

7 Simultaneous positioning of the clamps. The independent motorization allows the autonomous positioning of each clamp in an extremely short time



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# MC 309 Nike

3 assi CNC + 1 / 3 axis CNC + 1



Corsa asse X X axis stroke	mm	3500
Corsa asse Y Y axis stroke	mm	370
Corsa asse Z Z axis stroke	mm	345
Corsa asse A A axis stroke	deg	±90
Potenza Power	kW	3,8
Velocità massima di rotazione Maximum rotation speed	rpm	18000
Cono attacco portautensile Type of coupling holder		ISO30
Tipo di raffreddamento Type of cooling		Air

1 Workable nominal section, milling cycle (YxZ) 190 x 170 mm

2 The 5-positions tools magazine (OPTIONAL) is located on the right of the basement, inside a protected area. It can store tool holders for milling, threading, end-milling

3 Sequential clamp positioning

# MC TOP Syntesis 4020/6020

3 assi CNC / 3 axis CNC



Corsa asse X X axis stroke	mm	4050/6050
Corsa asse Y Y axis stroke	mm	2040
Corsa asse Z Z axis stroke	mm	250
Potenza Power	kW	7,5
Velocità massima di rotazione Maximum rotation speed	rpm	24000
Cono attacco portautensile Type of coupling holder		ISO30
Posti disponibili a magazzino Tool magazine positions		10

1 Particularly indicated for the mass production of details and paneling of big dimensions, in composite material, light alloys, PVC and usually on plastic materials

2 Useful working surface: 4050/6050 x 2040 mm

4 Machine programming executed by a powerful CAD/CAM applicative able to create 2D or 3D CAD geometry

3 The locking system for the material being machined usually in sheets – uses a vacuum system, the installation of which is completely integrated into the machine's frame



# TDC 622 EdgeMaster

Lunghezza di taglio standard (max.)	mm	5000
Lunghezza di taglio standard (min.)	mm	250
Potenza nominale Power	kW	5 (x2)
Velocità max di rotazione Max speed rotation	rpm	3000
Diametro max lama Max blade diameter	mm	600

1 In addition to the compound cuts it's able to perform also cuts at an orthogonal angle

4 The blade units can be tilted, in reference to their axis horizontal, towards the outside (up to 45°). The tilting movement may be made via pneumatic control or managed via servomotor

2 The left unit is fixed. The right unit is movable with longitudinal positioning managed via CNC

3 The cutting units turn, in reference to their vertical axis, both towards the outside (up to 160°) and towards the inward (up to 45°). The rotation can be performed via pneumatic control or managed through servomotor



5 The vertical support surfaces are with automatic displacement, in relation to the real position of the cutting units and their related blade groups

6 The forward movement of the blades is rocking to, with upward direction, actuated by an oleo-pneumatic cylinder

7 For large profiles the cutting cycle can be combined also with a translating movement of the cutting unit (compound feed)

# TDC 622 Dynacut

Lunghezza di taglio standard (max.)	mm	5000
Lunghezza di taglio standard (min.)	mm	250
Potenza nominale Power	kW	5 (x2)
Velocità max di rotazione Max speed rotation	rpm	3000
Diametro max lama Max blade diameter	mm	600

1 In addition to the compound cuts it's able to perform also cuts at an orthogonal angle

4 The blade units can be tilted, in reference to their axis horizontal, towards the outside (up to 45°). The tilting movement may be made via pneumatic control or managed via servomotor

2 The left unit is fixed. The right unit is movable with longitudinal positioning managed via CNC

3 The cutting units turn, in reference to their vertical axis, both towards the outside (up to 160°) and towards the inward (up to 45°). The rotation can be performed via pneumatic control or managed through servomotor



5 The vertical support surfaces are with automatic displacement, in relation to the real position of the cutting units and their related blade groups

6 The forward movement of the blades is rocking to, with upward direction, actuated by an oleo-pneumatic cylinder



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# SW 553 Reverse Garda

Taglio utile (max 90°) Cutting length (max. 90°)	mm	4000/7650 5000/9650 6000/11650
Taglio utile (min 90°) Cutting length (min. 90°)	mm	390 / 290
Capacità di inclinazione verso l'esterno Tilting range outwards	deg	135°-90°-45°-22,5°
Diametro Lama Sawblade diameter	mm	550
Foro Lama Diameter bore	mm	30
Potenza Motore Power	kW	3 (x 2)



- 1** Pneumatic tilting of the heads on defined angles (135°, 90°, 45° e 22,5°)
- 2** Frontal and straight blade feed with speed adjustments and depth limiter
- 3** It is equipped with electronic system

# SW 552 Dune

Capacità d'inclinazione dell'unità di taglio verso l'esterno Angles preselected of positioning of the cutting devices, outwards	deg	135°-<>22,5°
Capacità d'inclinazione dell'unità di taglio verso l'interno Angles preselected of positioning of the cutting devices, inwards	deg	90°-<>45°
Lunghezza massima di taglio utile (90°) Maximum useful cutting length	mm	5800
Diametro Lama Sawblade diameter	mm	550
Foro Lama Diameter bore	mm	30
Potenza Motore Power	kW	3 (x 2)



- 1** Electronic positioning of the cutting units on any angle within 22,5° and 135°
- 2** Electronic rotation of the cutting units on any angle within 45° and 90°
- 3** The cutting unit can be tilted and the blade can be turned simultaneously; thus compound cuts might be got



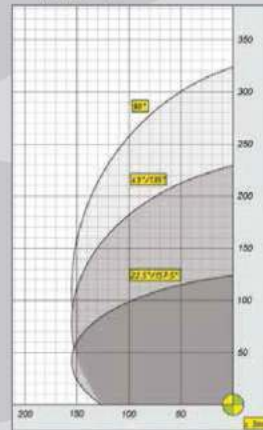
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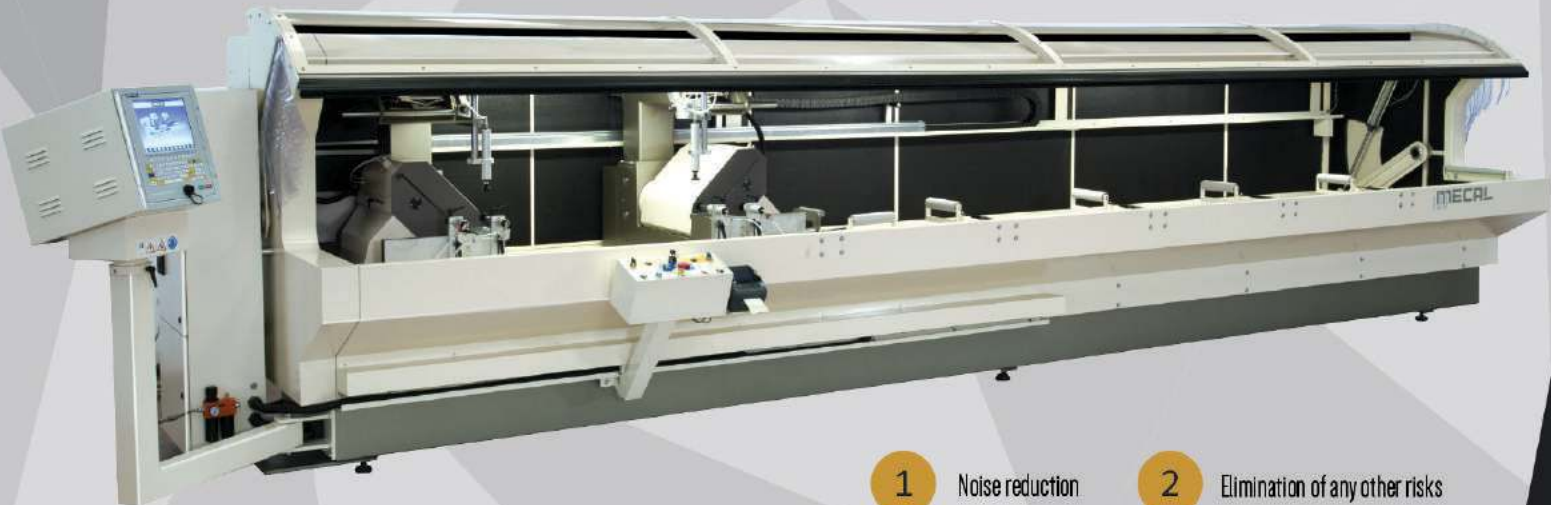
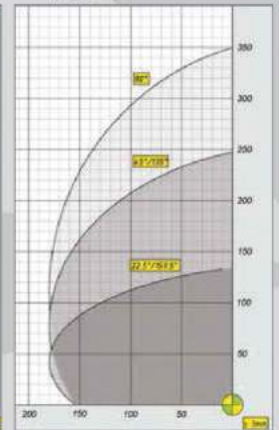
## Serie SW 455 e SW 455 Reverse



lama / blade Ø 450 mm



lama / blade Ø 500 mm



- 1 Noise reduction
- 2 Elimination of any other risks



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# SW 453 Plug



Cutting length (max. 90°)	mm	4000/7650
		5000/9650
		6000/11650
Cutting length (min. 90°)	mm	330 / 200
Tilting range outwards	deg	90°-45°-22,5°
Sawblade diameter	mm	450 / 500
Diameter bore	mm	30
Power	kW	2,2 (x 2)

- 1 Frontal and straight blade feed with speed adjustments and depth limiter
- 2 Pneumatic tilting of the heads on defined angles (90°, 45° or 22,5°)
- 3 The intermediate degrees can be obtained by manually setting mechanical stops
- 4 Equipped with a display

## Combined Front Cut



### SW 451 NSB

Single mitre saw with horizontal feed and disappearing blade Ø 450 mm and with bar feeder.

### SW 451 NSB-90

Single mitre saw with horizontal feed and disappearing blade Ø 450 mm and with bar feeder.

Suitable for the cut only to 90°.

It's equipped with a pneumatic feeder with stroke at choice among available (300 mm - 600 mm - 1000 mm).

A PLC system allows to manage the tilting cycle combined with the step-by-step cycle



# Rising Cut



## AS 600 Top Factory (MQL)

Single mitre saw with upward blade movement, Ø 600mm  
Manual rotation of the working table up to 20° both toward right that toward left.  
Quick positioning of the working table on pre-selected angles (90°, 45°).  
Manual positioning at any intermediate angle, with pneumatic locking.

## AS 600 Top Factory Digit (MQL)

Single mitre saw with upwards blade, Ø 600mm  
Manual rotation of the working table up to 20° both toward right that toward left.  
Quick positioning of the working table on pre-selected angles (90°, 45°).  
Manual positioning at any intermediate angle, with pneumatic locking.  
DIGIT = with digital display for the angular positioning of the cutting plane



## AS 450 Top

Single mitre saw with upwards blade, Ø 450mm  
Manual rotation of the working table, up to 20° both toward right that toward left.  
Quick positioning of the working table on pre-selected angles (90°, 45°).  
Manual positioning at any intermediate angle, with pneumatic locking.

## AS 450 Top Digit

Single mitre saw with upwards blade, Ø 450mm  
Manual rotation of the working table, up to 20° both toward right that toward left  
Quick positioning of the working table on pre-selected angles (90°, 45°)  
Manual positioning at any intermediate angle, with pneumatic locking  
DIGIT = Digital display for the angular positioning of the cutting plane, on request



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## FALLING CUT



### SW 400 M

Single head mitre saw with downward blade feed, manually operating Ø 400 mm.

## FRONT CUT



### SW 451

Single mitre saw with horizontal feed and disappearing blade Ø 450 mm.



### SW 550 Plus

Single mitre saw with horizontal feed and disappearing blade Ø 550 mm.

### SW 550-R Plus

Single mitre saw with horizontal feed and disappearing blade Ø 550 mm.

-R = Version with the center blade lowered; this increases the cross-cutting capacity on the support surface

Pneumatic working cycle.

It's able to perform cuts at 22,5° or 45°, 90°, 135° or 157,5°.

The intermediate degrees can be obtained by manually setting mechanical stops.

# Flexible Production Centres

## FMM 311

### FLEXIBLE MANUFACTURING MACHINE

Machining centre designed for producing components from a light alloy extruded bar.  
The possible machining operations are milling, drilling, tapping and cutting.

5 CNC controlled axes

Useful stroke X = 2000; Y = 1050; Z = 500 mm.

Cutting unit with blade Ø 500 mm

Drilling and/or tapping unit (upon request)

The axis (A) of the electric spindle can be rotated to any angle within  $\pm 90^\circ$ , in parallel to the transversal axis.



## Complementary Machine Notching Saws



### Prisma 400

Manual notching saw for small and middle sized workshops  
Suitable for fitting in stiles and rails in the realization of curtain walls and greenhouses.

Manual operation with slidable supporting table.

The machine ensures combined tri-dimensional cuts with different possibilities of notching.  
The reference stop on the workpiece table can be tilted manually, both left and right from  $30^\circ$  to  $90^\circ$ , with reference of position detectable on a graduated scale



### Prisma 650

Notching saw machine semi-automatic for aluminium profiles, specifically indicated for the construction sector.

The stop is also manually controlled from right to left ( $30^\circ - 90^\circ - 45^\circ$ ) the positioning takes place by a degree scale or an optional electronic display.  
In the PR600 the setting of the angles in process takes place through an electric motor with a digital display, in the PR600 E through a CN control with 4 axes. It is possible to make rectangular and inclined cuts using 1, 2, or 3 directions.



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# Bevelling Machines



## PR 50

Corner crimping machine for profiles with maximum height 180 mm  
Maximum crimping height 130 mm (with optional 145 mm)  
Pneumatic press operation via leverage. Foot pedal controlled

## PR 70

Semi automatic corner crimping machine  
Pneumatic press operation via leverage, that guarantees synchronous punching heads Foot pedal controlled.

# Milling Machines



## FR 703

Single spindle end milling machine  
Pneumatic cutter-head feed.  
Fast change of milling cutter sets.

## FR 703 Plus

Single spindle end milling machine  
Realized with integrated protection for the noise reduction and the elimination of any other risks.  
Pneumatic cutter-head feed.  
Fast change of milling cutter sets.



## FR 701

Single spindle end milling machine  
Manual cutter-head feed.  
Mechanical tools change.

# Vertical Routers

## FR 711

Single spindle end milling machine  
Manual cutter-head feed.  
Fast change of milling cutter sets.



## FR 830 Easy-Ter

One-spindle copy router  
Also suitable for working on steel. The piece held by pneumatic clamps mounted on a tilting support can be pneumatically tilted on any positions, between  $-90^{\circ}$  and  $+90^{\circ}$ . Suitable for passing workings. Manual working cycle.



## FR 801

One-spindle copy router  
Suitable for passing workings.  
Manual working cycle.



## FR 810

One-spindle copy router  
Also suitable for working on steel.  
Suitable for passing workings.  
Manual working cycle.



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# TMS 400

## CUTTING OFF MACHINE



### SPECIFICATIONS:

Vice revolving to the right and left  
from 0° to 45°  
Motor Guard  
Device for Parallel Cut  
Quick Lock Vice

# TMS 450

## CUTTING OFF MACHINE



### SPECIFICATIONS:

Vice revolving to the right and  
left from 0° to 45°  
Motor Guard  
Device for Parallel Cut  
Quick Lock Vice

# TMS 33 MINIOR

## CUTTING OFF MACHINE



0°	120	95	115 x 90
45°	105	80	80 x 90

# Sar 480

## CUTTING OFF MACHINE



0°	330	330	480 x 130
45° R	310	280	280 x 250
45° L	300	280	290 x 250
60° R	200	200	200 x 200



# COMPRESSORI A VITE



GSR 40



Trasmissione a cinghia Poly-V.



Sistema di separazione aria-olio.



1 Pannello di controllo di facile consultazione.

## GSR 40 - GSR 50 - GSR 60

MODELLO Model	Litri/min Liters/min	CFM	bar	psi	HP	KW	dB/A	Volt	Kg	L x P x H cm
GSR40	5000	176,5	8	116	40	30	68	400/690/3	750	170x100x144
	4000	141,2	10	145						
	3550	123,31	13	188						
GSR50	6100	215,33	8	116	50	37	68	400/690/3	760	170x100x144
	5200	183,56	10	145						
	4350	153,56	13	188						
GSR60	7600	268,28	8	116	60	45	68	400/690/3	760	170x100x144
	6450	227,68	10	145						
	5500	194,15	13	188						

Avviamento stella/triangolo - Star/delta starting - Démarrage étoile/triangle - Anschaltung über Stern/Dreieck

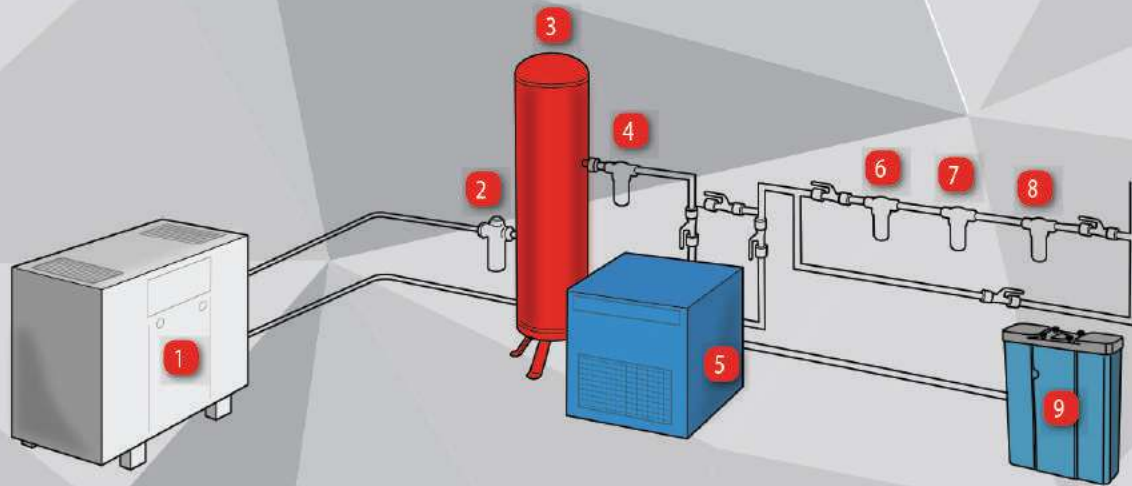


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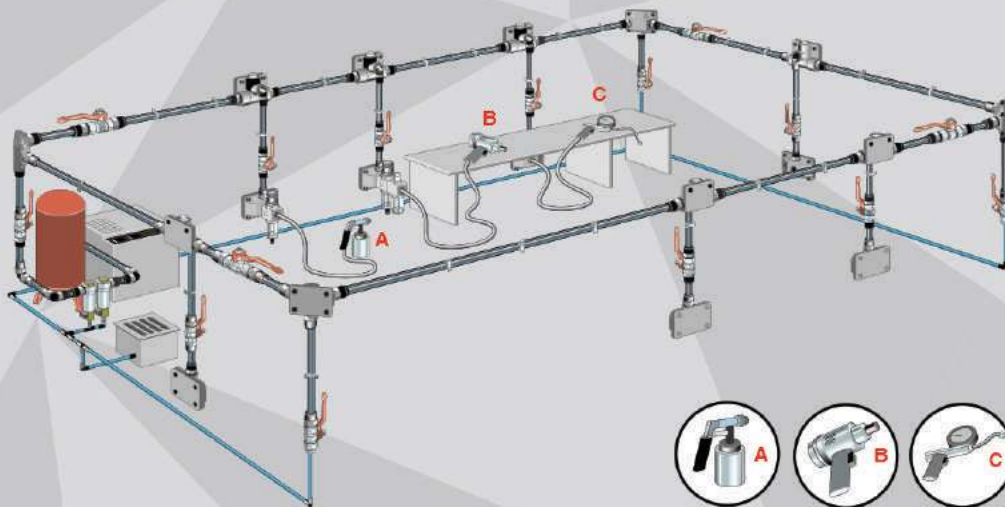
# TRATTAMENTO ARIA COMPRESSA

COMPRESSED AIR TREATMENT  
TRAITEMENT AIR COMPRIMÉ  
DRUCKLUFTBEREITUNG



- 1 **Compressore**  
Compressor - Compresseur - Kompressor
- 2 **Separatore condensa**  
Separator - Séparateur - Abscheider
- 3 **Serbatoio**  
Tank - Réservoir - Tank
- 4 **Prefiltro grado P**  
Prefilter, degree P - Préfiltre, degré P - Vorfilter, Grad P
- 5 **Essiccatore**  
Dryers - Dessiccateurs - Kühlzyklus-Trockner

- 6 **Filtro grado M**  
Filter, degree M - Filtre, degré M - Filter, Grad M
- 7 **Filtro grado S**  
Filter, degree S - Filtre, degré S - Filter, Grad S
- 8 **Filtro grado A**  
Filter, degree A - Filtre, degré A - Filter, Grad A
- Separatore acqua-olio**  
Oil-water separator - Séparateur huile-eau  
Öl-Wasser Abscheider











# AIR REFRIGERATOR DRYERS



! Air refrigerator dryers with aluminum-copper heat exchanger for perfect operating, with Energy Saving technology.

MODELLO Model	CODICE Code	 Litri/min Liters/min	CFM	 bar	psi	 Volt	Hz	 Attacchi aria Air fittings	 L x P x H cm	 Kg
ES/05	AN 001	600	21,8	16	230	230	50	1/2"	25x66x46	21
ES/09	AN 002	900	31,8	16	230	230	50	1/2"	25x66x46	24
ES/12	AN 003	1.200	42,9	16	230	230	50	1/2"	25x66x46	25
ES/18	AN 004	1.800	63,5	16	230	230	50	3/4"	25x66x46	27
ES/25	AN 005	2.500	87,1	16	230	230	50	3/4"	25x66x46	29
ES/32	AN 006	3.200	111,8	16	230	230	50	1"	25x66x46	32
ES/43	AN 007	4.300	151,8	16	230	230	50	1"	35x45x74	40
ES/50	AN 008	5.000	173,6	16	230	230	50	1"	35x45x74	41
ES/62	AN 009	6.200	217,7	16	230	230	50	1-1/2"	56x58x90	54
ES/80	AN 010	8.000	282,4	16	230	230	50	1-1/2"	56x58x90	56
ES/100	AN 011	10.000	353	16	230	400	50	2"	56x63x100	94
ES/130	AN 012	13.000	459	16	230	400	50	2"	56x63x100	96
ES/168	AN 013	14.000	593	16	230	400	50	2"	67x73x110	144




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# TRATTAMENTO ARIA COMPRESSA



MODELLO Model	CODICE Code															
		Litri Liters	Litri/mln Liters/min	CFM min-1	Cilindr Cylinders	Stadi Stages	bar	psi	kW	HP	Volt	Hz	dB/A	L x P x H cm	Kg	
GS38/1000/1700/TD	AG 007	1.000	1.700	60	1.150	2+2	2	11	159	5,5+5,5	7,5+7,5	400	50	78	230x80x155	450
GS50/1000/1850/TD	AG 008	1.000	1.826	64,5	850	2+2	2	11	159	5,5+5,5	7,5+7,5	400	50	79	230x80x170	560
GS50/1000/2400/TD	AG 009	1.000	2.365	83,5	1.100	2+2	2	11	159	7,5+7,5	10+10	400	50	79	230x80x170	580
GS80/1000/3200/TD	AG 010	1.000	3.200	113	1.100	4+4	2	11	159	11+11	15+15	400	50	80	230x80x168	620

MODELLO Model	CODICE Code															
		Litri Liters	Litri/mln Liters/min	CFM min-1	Cilindr Cylinders	Stadi Stages	bar	psi	kW	HP	Volt	Hz	dB/A	L x P x H cm	Kg	
GS25/500/1080/TD	AG 001	500	1.000	35,2	1.450	2+2	1	10	145	3+3	4+4	400	50	79	198x60x112	270
GS28/500/1000/TD	AG 002	500	1.000	35,2	1.250	2+2	2	11	159	3+3	4+4	400	50	77	198x60x125	300
GS35/500/1200/TD	AG 003	500	1.200	42,4	1.450	2+2	2	11	159	4+4	5,5+5,5	400	50	79	198x60x125	310
GS37/500/1320/TD	AG 004	500	1.320	47	1.450	2+2	2	11	159	4+4	5,5+5,5	400	50	79	198x60x120	325
GS38/500/1300/TD	AG 005	500	1.300	46	900	2+2	2	11	159	4+4	5,5+5,5	400	50	77	198x60x132	360
GS38/500/1700/TD	AG 006	500	1.700	60	1.150	2+2	2	11	159	5,5+5,5	7,5+7,5	400	50	78	198x60x132	380





## CNC Vertical Working Center

### Technical Details

Working area : mm.X4000 - Y 1600 - Z 50

Axis Speed: m/min.X 45 - Y 20 - Z 10

Electrospindle: 1 x 4 Kw - 2400 rpm

Vacuum Pump : 1 x 250 m<sup>3</sup>/h-5,5 KW



## SVP 145 - VERTICAL PANEL SAW

### Standard Devices

Sliding support for narrow pieces

V. Grooving Alucobond kit with adjustable thickness stop

Cutters Ø 220 mm V. 90° with welded knives Vice



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**Aluminium Division**

# JOLLY - CRIMPING MACHINE



## Machines Included of:

Standard knives mm3, mm 5, mm 7 and supports  
Right and left triangle support

# RETTA SINGLE CUTTING OFF MACHINE



## Technical Details:

Single head cutting off machine 90° cut with automatic raising up of the blade for mass production, blade's feeding adjustable, automatic bar feeder adjustable from 0 to 600mm, fully automatic cutting operation, full protection of the head.

## Air Tools



# LOYALMAK<sup>®</sup>

## INNOVATIVE CUTTING SOLUTIONS



# WOLF

## FIBER LASER

### Advantages;

- No moving parts or mirrors in the light-generating source, this has a distinct advantage in terms of reducing maintenance requirements and operating costs.
- Much higher electrical efficiency, resulting in considerably lower running costs.
- Higher speeds when cutting thin material
- An ability to cut reflective materials without fear of back reflections damaging the machine. This allows copper, brass, and aluminium to be cut without problems
- 50% longer servicing intervals and 50% lower servicing costs
- Material Scrap savings and thus increase productivity

Fiber lasers are the latest development in laser cutting.

A fiber cutting system is primarily suited for processing thin to medium-thick sheet metal. It also cuts non-ferrous metals such as copper and brass.

Due to their excellent beam quality, fibre lasers are the first choice for diverse applications in the field of laser precision cutting.

Loyal Fiber laser cutting processes reduce cycle times providing faster beam for higher cutting speeds and narrow kerfs, especially for thin materials. It has more advantages comparing other Laser Technologies.

### STANDART FEATURES

- 1- nLight alta high power fiber laser
- 2- LaserMech 2D Auto Focus Head  
(Autofocus is an optional feature for 500w and 1000w)
- 3- Esa CNC and ESA 21" Touch screen
- 4- Lantek cut expert auto nesting software
- 5- Partitioned dust-collection function
- 6- Auto nozzle cleaning and calibration
- 7- Direct and circle piercing
- 8- Shuttle Table



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## Steel Division



SHUTTLE TABLE / TABLE MOUVANTE



LASERMECH HEAD / TETE LASERMECH



nLIGHT POWER SOURCE / SOURCE nLIGHT

### CUTTING THICKNESSES

	500 W	700 W	1000 W	1200 W	2000 W	3000 W	4000 W	6000 W
Mild Steel / Acier doux	5mm	6mm	8mm	10mm	16mm	18mm	20mm	25mm
Stainles steel / Acier inoxydable	2mm	5mm	6mm	4mm	6mm	8mm	10mm	12mm
Aluminium / Aluminium	2mm	5mm	6mm	4mm	6mm	8mm	10mm	12mm
Copper / Cuivre	1mm	3mm	5mm	3mm	4mm	6mm	6mm	8mm
Brass / Laiton	1mm	3mm	6mm	3mm	4mm	6mm	6mm	8mm

### OPTIONS

- 1- Loyal jet pulse filter with donaldson cartridges
- 2- Light Guard
- 3- Debris Conveyor



### TECHNICAL SPECIFICATION

Axes Movement / Axes et mouvements	4 Axes Digital Motor System / 4 axes digital motor system
Positioning System / Système de positionnement	Rack and Pinion - Servo Motor / Système de pignon et crémaillère
Acceleration / Accélération	2 G
Axes Speeds (X,Y Traverse Speed) / Axes et vitesses (X,Y vitesse de déplacement)	120 m /min
Positioning Accuracy / Précision de positionnement	0.05mm
Repeatability / Répétition	0.02mm
Z axis Distance Control / Contrôle de distance de l'axe Z	Capacitive High Sensor Unit / Capteur capacitif a grande sensibilité



# OxyCut Oxygen Cutting Machine



## Long-lasting Industrial Use...

Oxy cutting machine is a perfect solution for general purpose and heavy duties. Cutting capacity is up to 300mm!

## Experience the Power of Flame...

Availability of multiple oxy stations maximizes productivity with a superior cutting quality

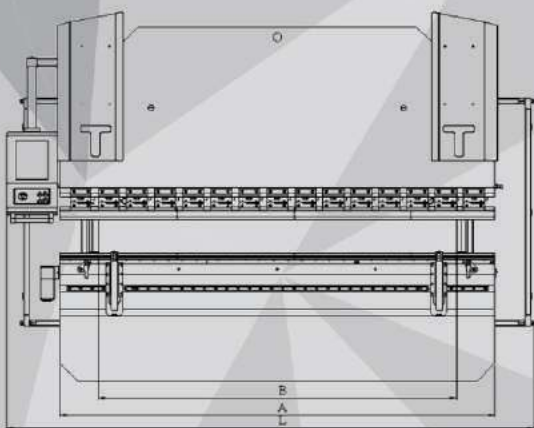
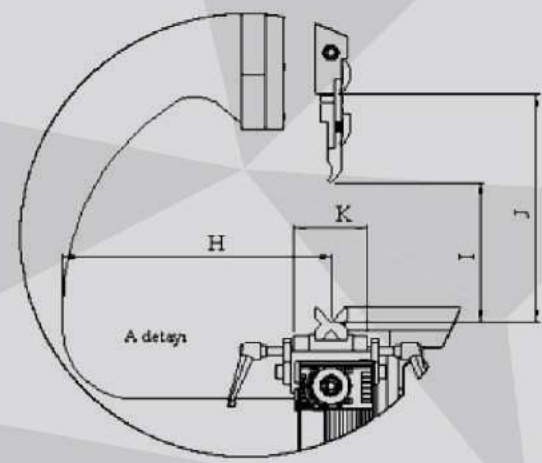
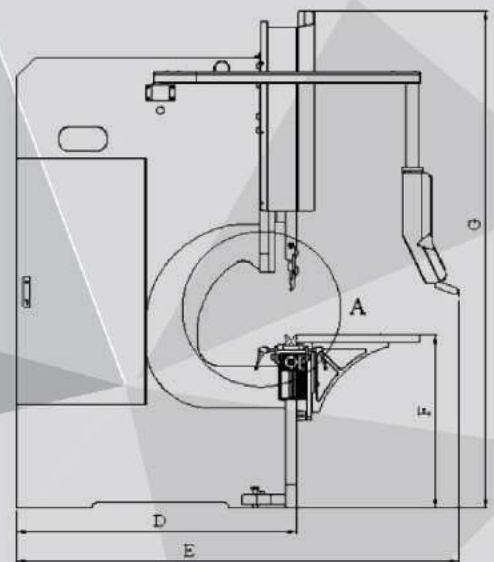
- Windows Based Hypertherm CNC Unit
- 17" Touch Screen
- IHT Capacitive sensor system for Height control
- Axis positioning accuracy  $\pm 0,02\text{mm}$
- Axis positioning speed max. 20 m/min.
- Remote assistance
- Pause/resume last part ( E.g. electricity cut)
- Rigid construction
- Cutting table with higher load capacity for oxy cutting



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**Steel Division**

# Accuraform And Primaform



AccuraForm Tech Specs

MODEL	Bending Length		Stroke	Daylight		Distance Between Frames	Y Axis Feedfall Speed	Y Axis Bending Speed	Y Axis Return Speed	X Axis Stroke	R Axis Stroke	Backgauge Speed	Main Motor	Oil Tank	Length	Width	Height	Throat Depth	Table Height	Table Width	Weight
	A	L		J	B																
2100-40	2100	40	140	370	1650	180	10	160	800	250	250	5.5	100	2470	2100	2000	300	770	85	3900	
2600-100	2600	100	280	510	2100	180	10	160	800	250	250	7.5	150	3300	2230	2610	500	850	85	6100	
2600-135	2600	135	280	510	2100	180	10	160	800	250	250	11	150	3300	2360	2675	500	850	85	6850	
3100-100	3100	100	280	510	2550	180	10	160	800	250	250	7.5	150	3750	2230	2610	500	850	85	6300	
3100-135	3100	135	280	510	2550	180	10	160	800	250	250	11	150	3750	2360	2675	500	850	85	7600	
3100-175	3100	175	280	510	2550	180	10	160	800	250	250	11	150	3775	2375	2900	500	920	85	9250	
3100-220	3100	220	280	510	2550	180	10	160	800	250	250	15	200	3775	2415	2910	500	920	85	10400	
3100-300	3100	300	300	530	2550	180	10	160	800	250	250	22	300	3810	2690	2975	500	920	150	13750	
3100-400	3100	400	330	560	2550	120	10	100	800	250	250	37	400	3990	2250	3280	600	1030	200	20400	
3700-135	3700	135	280	510	3100	180	10	160	800	250	250	11	200	4300	2360	2675	500	850	85	8150	
3700-175	3700	175	280	510	3100	180	10	160	800	250	250	11	200	4325	2375	2900	500	920	85	9900	
3700-220	3700	220	280	510	3100	180	10	160	800	250	250	15	200	4325	2415	2910	500	920	85	11400	
3700-300	3700	300	300	530	3100	180	10	160	800	250	250	22	300	4360	2690	2975	500	920	150	14250	
3700-400	3700	400	330	560	3100	120	10	100	800	250	250	37	400	4460	2850	3350	600	1030	200	22250	
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4270-135	4270	135	280	510	3550	180	10	160	800	250	250	11	200	4650	2360	2675	500	850	85	8900	
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4270-300	4270	300	300	530	3550	180	10	160	800	250	250	22	300	4710	2690	2975	500	920	150	15100	
4270-400	4270	400	330	560	3550	120	10	100	800	250	250	37	400	4990	2850	3450	600	1030	200	23900	
6100-220	6100	220	280	510	5100	120	10	100	800	250	250	15	250	6620	2680	3050	500	920	85	22250	
6100-300	6100	300	300	530	5100	100	8	100	800	250	250	22	300	6660	2730	3230	500	920	150	27200	
6100-400	6100	400	330	560	5100	100	8	100	800	250	250	37	400	6660	2850	3505	500	1030	200	29600	
6100-500	6100	500	350	580	5100	100	8	100	800	250	250	37	400	6680	2890	3525	500	1380	250	33500	
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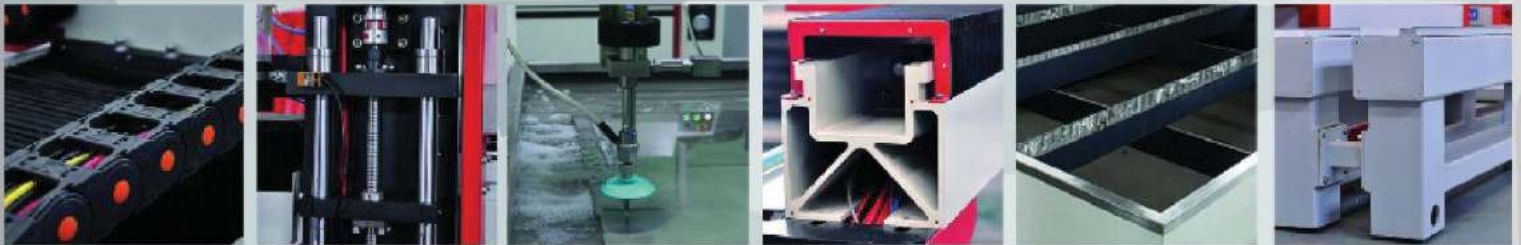


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**Steel Division**



# Water jet Cutting Machine



## Technical Specifications.

Gantry type:

working area X axis: 2000mm-3000mm

Y axis: 2000mm-6000mm

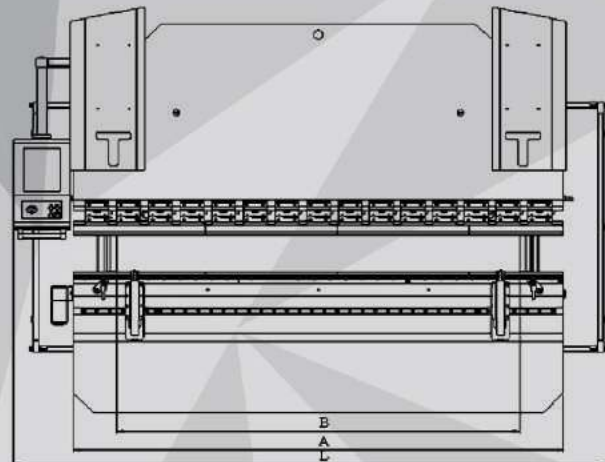
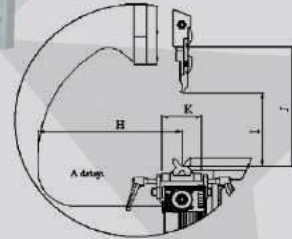
Z axis: 150mm to 400mm

Cutting accuracy: +0.1 mm

Re-positioning accuracy: +0.025mm

Max Speed: 6000m/min.

Wartek  
ADVANCEFORM



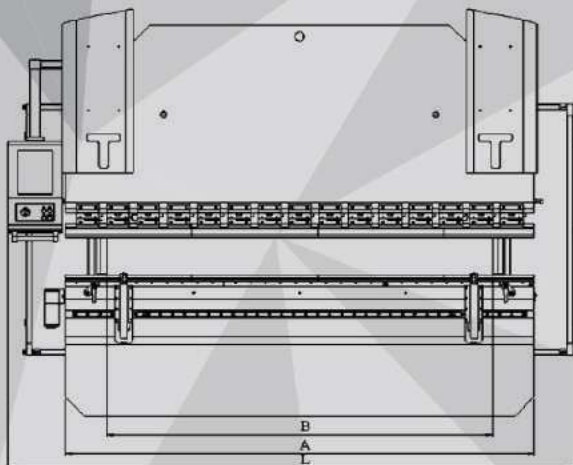
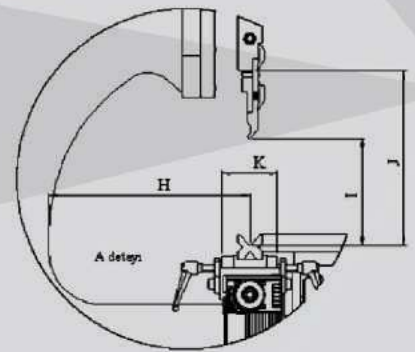
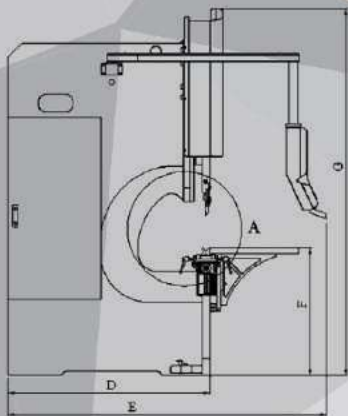
AdvanceForm Tech Specs

MODEL	Bending Length	Bending Force	Stroke	Daylight	Distance Between Frames	Y Axis Frontfall Speed	Y Axis Bending Speed	Y Axis Return Speed	X Axis Stroke	R Axis Stroke	Balancing Speed	Main Motor	Oil Tank	Length	Width	Height	Throat Depth	Table Height	Table Width	Weight
	A	Ton	L	J	B	mm/sec	mm/sec	mm/sec	mm	mm	mm/sec	kW	Lt	L	m	G	H	m	K	kg
1500-40	1500	40	140	395	1250	180	10	160	800	250	250	5.5	100	2325	2100	2000	300	770	85	3300
2100-40	2100	40	140	395	1650	180	10	160	800	250	250	5.5	100	2470	2100	2000	300	770	85	3900
2100-60	2100	60	140	395	1650	180	10	160	800	150	250	7.5	100	2470	2100	2000	300	770	85	4900
2600-100	2600	100	280	535	2100	180	10	160	800	250	250	7.5	150	3300	2250	2610	500	850	85	6100
2600-135	2600	135	280	535	2100	180	10	160	800	250	250	11	150	3300	2360	2675	500	850	85	6850
3100-100	3100	100	280	535	2550	180	10	160	800	250	250	7.5	150	3750	2250	2610	500	850	85	6300
3100-135	3100	135	280	535	2550	180	10	160	800	250	250	11	150	3750	2360	2675	500	850	85	7600
3100-175	3100	175	280	535	2550	180	10	160	800	250	250	11	150	3775	2375	2900	500	920	85	9250
3100-220	3100	220	280	535	2550	180	10	160	800	250	250	15	200	3775	2415	2910	500	920	85	10400
3100-250	3100	250	280	535	2550	180	10	160	800	250	250	15	250	3775	2415	2990	500	920	85	11200
3100-300	3100	300	300	555	2550	180	10	160	800	250	250	22	300	3810	2690	2975	500	920	150	13750
3100-400	3100	400	330	585	2550	120	10	100	800	250	250	37	400	3950	2250	3280	600	1050	200	20400
3700-135	3700	135	280	535	3100	180	10	160	800	250	250	11	200	4500	2360	2675	500	850	85	8150
3700-175	3700	175	280	535	3100	180	10	160	800	250	250	11	200	4525	2375	2900	500	920	85	9800
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3700-400	3700	400	330	585	3100	120	10	100	800	250	250	30	400	4460	2850	3350	600	1050	200	22250
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4100-175	4100	175	280	535	3550	180	10	160	800	250	250	11	200	4675	2375	2835	500	920	85	10400
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4100-320	4100	320	300	555	3550	120	10	120	800	250	250	22	300	4710	2690	2975	500	920	150	14800
4100-400	4100	400	330	585	3550	100	10	100	800	250	250	30	400	4950	2850	3450	600	1050	200	23500
4270-135	4270	135	280	535	3550	180	10	160	800	250	250	11	200	4650	2360	2675	500	850	85	9300
4270-175	4270	175	280	535	3550	180	10	160	800	250	250	11	200	4675	2375	2900	500	920	85	11600
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3100-500	3100	500	350	605	2900	100	8	100	800	250	250	37	400	3800	2890	3525	600	980	250	31500
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5100-300	5100	300	300	920	4100	120	10	120	800	250	250	22	300	5600	2690	3190	680	920	150	18500

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# Easyform Tech



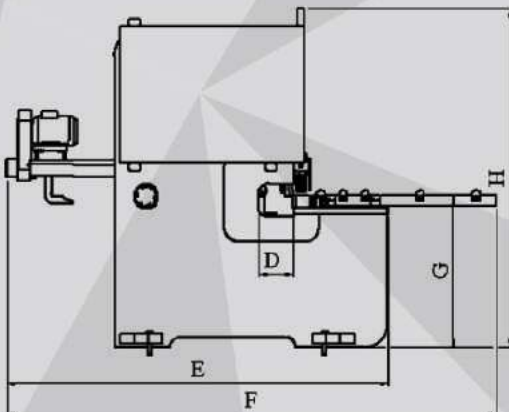
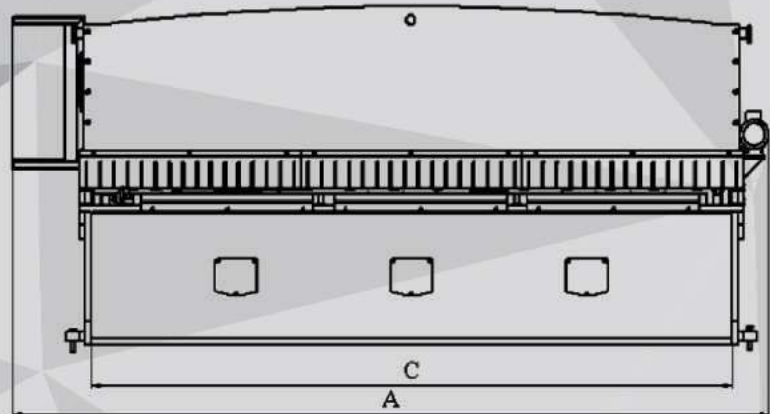
MODEL	Bending Length A	Bonding Force I	Stroke J	Daylight K	Distance Between Frames L	Y Axis Free fall Speed M	Y Axis Bending Speed N	Y Axis Return Speed O	X Axis Stroke P	Balgaugue Speed Q	Main Motor R	Oil Tank S	Length T	Width U	Height V	Throat Depth W	Table Height X	Table Width Y	Weight Z
	mm	Ton	mm	mm	mm	mm/sec	mm/sec	mm/se	mm	mm/se	kW	Lt	mm	mm	mm	mm	mm	mm	kg
1500-40	1500	40	140	395	1250	180	10	160	800	250	5.5	100	2325	2100	2000	300	770	85	3200
2100-40	2100	40	140	395	1650	180	10	160	800	250	5.5	100	2470	2100	2000	300	770	85	3800
2600-100	2600	100	280	535	2100	180	10	160	800	250	7.5	150	3300	2250	2610	500	850	85	5950
2600-135	2600	135	280	535	2100	180	10	160	800	250	11	150	3300	2300	2675	500	850	85	6700
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3100-175	3100	175	280	535	2550	180	10	160	800	250	11	150	3775	2375	2900	500	920	85	9050
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3100-300	3100	300	280	535	2550	180	10	160	800	250	22	300	3810	2690	2975	500	920	150	13400
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**Steel Division**

# Eco Cut Tech

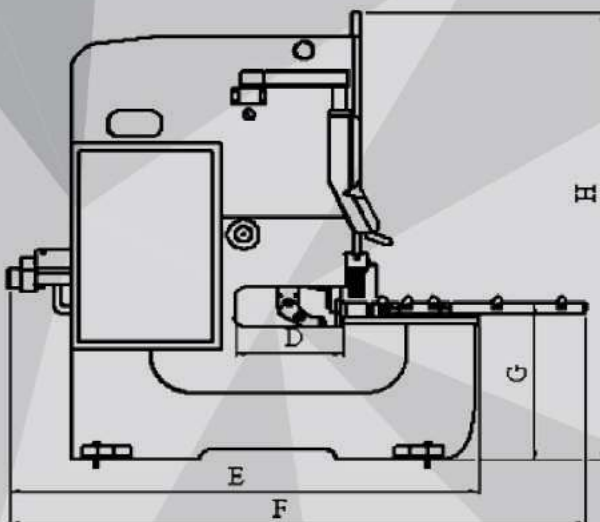
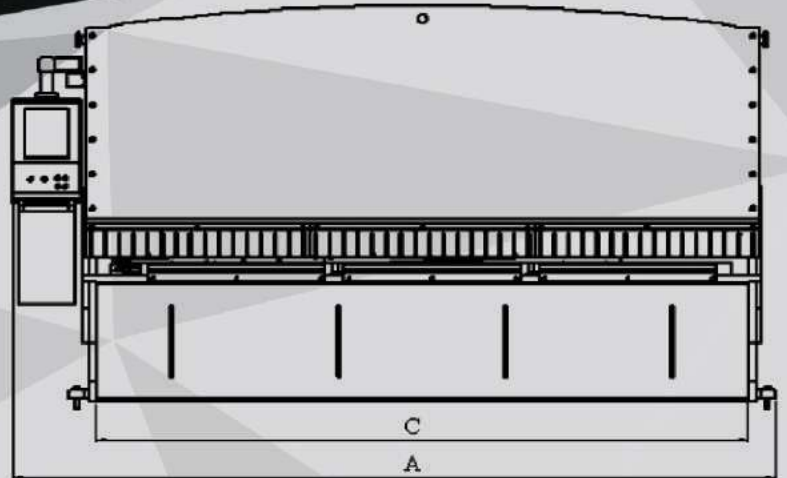


EcoCut Tech Specs

MODEL	Cutting Angle (°)	Cutting Length mm	Max. Cutting Capacity mm	Stroke per Minute 1/min	Length		Total Width mm	Throat Depth mm	Working Height mm	Distance Between legs mm	Number of holddowns pcs	Motor kW	Back gauge Speed mm/sec	Oil Tank		Weight kg
					A	F								Lt	kg	
2606	1,5°	2600	6	18	3430	2665	1770	2075	180	790	2800	12	11	200	150	5900
3106	1,5°	3100	6	16	4110	2665	1770	2075	180	790	3480	15	11	200	300	6800
3110	1,8°	3100	10	14	3935	2725	2090	2225	250	805	3300	15	22	200	300	10250
3113	2,3°	3100	13	12	3950	2735	2100	2240	300	805	3300	15	22	200	400	11500
3116	2,5°	3100	16	10	4035	2815	2365	2415	310	880	3300	15	30	200	400	16750
3120	2,7°	3100	20	8	4050	2830	2375	2490	340	880	3300	15	37	200	500	20750
4106	1,5°	4100	6	16	5120	2665	1770	2075	180	790	4480	19	11	200	300	7600
4110	1,8°	4100	10	12	4935	2725	2220	2225	250	805	4300	19	22	200	300	12700
4113	2,3°	4100	13	10	4950	2735	2235	2240	300	805	4300	19	22	200	400	14300
4116	2,5°	4100	16	8	5050	2815	2365	2415	310	880	4300	19	30	200	500	19500
4120	2,7°	4100	20	7	5080	2830	2375	2490	340	880	4300	19	37	200	500	23500



# Prima Cut Tech



PrimaCut Tech Specs

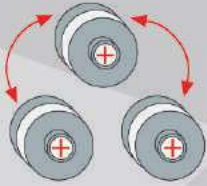
MODEL	Cutting Angle	Cutting Length	Max. Cutting Capacity	Stroke per Minute	Length	Width	Height	Throat Depth	Working Height	Number of Ho/ldown	Backgauge Speed	Motor	Oil Tank	Weight
	(°)	mm	mm	t/mm	mm	mm	mm	mm	mm	pcs	mm/sec	kW	Lt	kg
4106	0,5°-2,5°	4100	6	16...25	5120	2665	2165	350	790	19	200	11	300	9400
4110	0,5°-2,5°	4100	10	12...22	4935	2700	2290	350	805	19	200	22	300	13200
4113	0,5°-2,5°	4100	13	11...20	4950	2720	2440	350	805	19	200	22	400	15700
4116	0,5 - 2°	4100	16	9...18	5050	2900	2475	350	880	19	200	30	500	19500
4120	0,5 - 2°	4100	20	6...12	5080	3065	2530	350	880	19	200	37	500	23700
6106	0,5°-2,5°	6100	6	13...19	7120	2665	2165	350	790	32	200	15	300	17500
6110	0,5°-2,5°	6100	10	11...17	6950	2700	2290	350	805	32	200	30	300	25500
6113	0,5 - 2°	6100	13	7...11	7175	2700	2290	350	965	32	200	30	400	32900
6116	0,5 - 2°	6100	16	8...14	7080	2900	2475	350	1000	32	200	37	500	36500
6120	0,5 - 2°	6100	20	5...10	7125	3065	2530	350	1050	32	200	45	500	43500



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**Steel Division**

# UPB-100 & UPB-80



		UPB 65	UPB 80	UPB 100	UPB 120	UPB 160
Upper Roll Shaft Ober Walzen-Welle Верхний Вал Ролика	(mm)	60	80	100	120	160
Bottom Roll Shaft Untere Walzen-Welle Нижние Валы Роликов	(mm)	50	70	100	120	160
Roll Diameter Walzendurchmesser Диаметр Ролика	(mm)	180	245	315	390	500
Working speed Arbeitsgeschwindigkeit Рабочая Скорость	(m/min)	5	6	7	2 - 7,5	3 - 6
Motor power Motorleistung Мощность двигателя (кВт)	(kw)	3	4	7,5	15	22
Length Länge Длина	(mm)	1200	1450	2000	2000	2500
Width Breite Ширина	(mm)	850	1000	1450	1650	2350
Height Höhe Высота	(mm)	1200	1400	1700	1900	2600
Approx Weight Ca. Gewicht Вес (кг)	(kg)	1000	1700	3650	4770	10700



# Table Plasma Machine

MODEL : FLASHCUT



Model	FLASHCUT
Power supply(V,Hz)	3PH, 380V, 50Hz
Input capacity(KW)	3
Screen	7", colorful interface
Cutting width(mm)	1500, 2000
Cutting length(mm)	3000, 4000, 5000, 6000
Cutting model	Plasma(Flame to be optional)
CNC controller	Hugong HG612
Plasma	Hypertherm Powermax45 65 85 105
Positioning speed(mm/min)	12,000
Position Speed(mm/min)	6000-8000
Accuracy(mm)	Positioning: 0.5/1000, Repeatability: 0.2/1000
Machine size(mm)	4500X2700X1600



# Table Plasma Machine

MODEL : INTECUT - HT

Model	INTECUT - HT
Power Supply (V,Hz)	3PH, 380V, 50Hz
Input Capacity(W)	180
Controller Display	7" LCD, Colorful
Effective Cutting Width(mm)	1500
Effective Cutting Length(mm)	3000
Installation Space(mm)	27000x4000
Cutting Model	Plasma/Flame
Plasma Model	up to 105a, Highly Recommend HP
Nesting Software	FastCAM



# Table Plasma Machine

MODEL : INTECUT - HT



Model	CARICUT - 5
Input Voltage(V)	3PH, 380V, 50Hz
Frequency(Hz)	50
Input Power(W)	180
Monitor	LCD 5.7" w/ Keyboard
Effective Cutting Size (WxL)	1500x3400
Position Speed (mm/min)	Idle Speed: 0 - 6000
Flame Cutting Speed(mm/min)	Cutting Speed: 6 - 750
Transverse Arm(mm)	2300
Rail Length(mm)	4000
Total Weight(Kg)	160Kg
Cutting Mode	Flame/Plasma
Cutting Gas	Acetylene, Propane, LPG-O2



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# Heavy Gantry Plasma

MODEL : GSII - 4000



Model GSII - 4000  
 Cutting Model Plasma, Flame  
 Input Voltage (V, Hz) 110/220/230/240, 220/380/400/415, 50/60  
 Rail Width(mm) 3000-6000  
 Effective Cutting Width 800mm less than rail width (2 CNC torches)  
 Rail Length(mm) Customer's Requirement, 8000/12000/16000  
 Effective Cutting Length 2000mm less than rail Length  
 CNC controller 15"/17" Colorful Monitor, USB Port  
 CNC Torches 1-4 Sets  
 Positioning Accuracy(mm) ±0.5/1000  
 Repeating Accuracy(mm) ±0.2/1000  
 Positioning Speed(mm/min) 12,000  
 Flame Cutting Gas Acetylene, Propane, LPG  
 Flame Cutting Thickness(mm) 5 - 150  
 Flame Cutting Speed(mm) 50-750  
 Plasma Cutting Thickness Due to plasma Unit  
 Plasma Cutting Speed Due to plasma Unit  
 Compatible Plasma Unit Hypertherm : Power Max Series, HSD, MaxPro, HPRXD  
 Victor: CutMaster Series, AutoCut200/300



## Fiber Laser Cutting

MODEL : HGLB3015

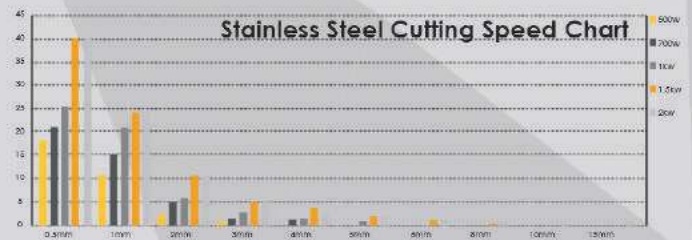
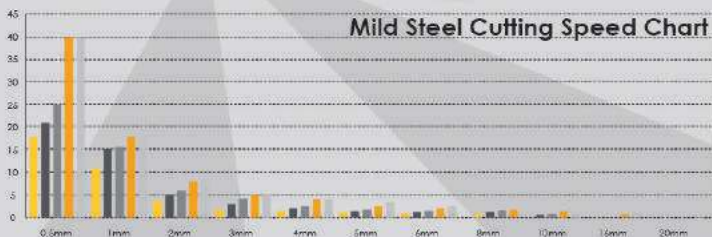
	0.5mm	1mm	2mm	3mm	4mm	5mm	6mm	8mm	10mm	15mm
500w	18	10.8	2.1	0.96						
700w	21	15	3.6	1.5	1.08					
1kw	25.2	21	6	2.7	1.5	0.9				
1.5kw	40	24	10.8	5	3.6	2	1	0.4		
2kw	40	24	10.8	5.1	3	2.1	1.2	0.9	6	



## Fiber Laser Cutting

MODEL : HGLB3015

	0.5mm	1mm	2mm	3mm	4mm	5mm	6mm	8mm	10mm	16mm	20mm
500w	18	10.8	3.6	2.1	1.5	1.08	0.72				
700w	21	15	4.8	3	2.1	1.44	1.08	0.78	0.6		
1kw	25.2	15.6	6	4.2	2.4	1.8	1.56	1.08	0.72		
1.5kw	40	18	8	4.8	3.8	2.4	2.1	1.65	1.35	0.72	
2kw	40	18	8.4	4.8	4	3.3	2.52	1.8	1.5	0.96	0.72





# UHSS-4 Line - Plate Bending Machines



UHSS-4	Without Pre-Bending Ohne Anbiegung БЕЗ ПРЕДПОДГИБА			With Pre-Bending Mit Anbiegung С ПРЕДПОДГИБОМ			Central rolls Ø Zentralwalzen Ø Центральные ролики Ø	Side rolls Ø Seitenwalzen Ø Боковые ролики Ø	Motor Power Motorleistung Мощность двигателя	Working Speed Arbeitsgeschwindigkeit Рабочая скорость	Machine Dimensions (LxWxH) Maschinenabmessung (LxBxH) габаритные размеры (ДхШхВ)	Weight Gewicht Вес
	Useful Length Nutzlänge Рабочая длина	Min. Diameter = top roll Ø x 5 times Min. Durchmesser = Oberwalze Ø x 5 mal Мин. Диаметр гибочной верх. Роликаx5	Min. Diameter = top roll Ø x 1,5 times Min. Durchmesser = Oberwalze Ø x 1,5 mal Мин. Диаметр гибочной верх. Роликаx1,5	Min. Diameter = top roll Ø x 5 times Min. Durchmesser = Oberwalze Ø x 5 mal Мин. Диаметр гибочной верх. Роликаx5	Min. Diameter = top roll Ø x 1,5 times Min. Durchmesser = Oberwalze Ø x 1,5 mal Мин. Диаметр гибочной верх. Роликаx1,5	mm						
UHSS-4 30280	3100	12	10	10	8	280	220	16,5	1,5-5	5850x1700x1850	10000	
UHSS-4 30320	3100	16	12	12	10	320	240	20	1,5-5	5950x1800x1950	12750	
UHSS-4 30350	3100	20	16	16	12	350	260	23,5	1,5-5	5950x1900x1950	15000	
UHSS-4 30380	3100	25	20	20	16	380	300	31,5	1,5-5	5950x2250x2350	18800	
UHSS-4 30400	3100	30	25	25	20	400	300	38,5	1,5-5	5950x2250x2350	20000	
UHSS-4 30460	3100	40	35	35	25	460	380	38,5	1,5-5	5950x2300x2350	24660	
UHSS-4 30500	3100	45	30	30	30	500	400	45	1-4	6600x2800x2900	43000	
UHSS-4 30550	3100	50	40	40	35	550	450	66	1-4	6750x2900x2950	47000	
UHSS-4 30580	3100	60	45	45	40	580	480	73	1-4	6750x2950x2950	55000	
UHSS-4 30620	3100	70	60	60	50	620	520	123	1-4	7200x3250x3250	62000	
UHSS-4 30680	3100	85	70	70	60	680	580	150	1-4	7700x3500x3600	82500	
UHSS-4 40280	4100	8	6	6	4	280	220	16,5	1,5-5	6850x1700x1850	13000	
UHSS-4 40320	4100	10	8	8	6	320	240	20	1,5-5	6950x1800x1950	14750	
UHSS-4 40350	4100	12	10	10	8	350	260	23,5	1,5-5	6950x1900x1950	19000	
UHSS-4 40380	4100	16	12	12	10	380	300	31,5	1,5-5	6950x2250x2350	22000	
UHSS-4 40400	4100	20	16	16	12	400	300	38,5	1,5-5	6950x2250x2350	23500	
UHSS-4 40460	4100	25	20	20	16	460	380	38,5	1,5-5	6950x2300x2350	30000	
UHSS-4 40500	4100	35	25	25	20	500	400	45	1-4	7600x2800x2900	42000	
UHSS-4 40550	4100	40	30	30	25	550	450	66	1-4	7750x2900x2950	54000	
UHSS-4 60350	6100	8	6	6	4	350	260	23,5	1,5-5	8950x1900x1950	24000	
UHSS-4S 60380	6100	10	8	8	6	380	300	31,5	1,5-5	8950x2250x2350	28250	
UHSS-4 60400	6100	13	10	10	8	400	300	38,5	1,5-5	8950x2250x2350	30000	
UHSS-4 60460	6100	15	12	12	10	460	380	38,5	1,5-5	8950x2300x2350	40000	
UHSS-4 60500	6100	20	16	16	12	500	400	45	1-4	9600x2550x2350	67500	
UHSS-4 60550	6100	25	20	20	16	550	450	66	1-4	9750x2900x2900	70000	
UHSS-4 60620	6100	30	25	25	20	620	520	123	1-4	10200x3250x3250	88500	

\* All data are approximate. Design and data can be changed without notice. \* Alle Daten sind ungefähre. Design und Daten können ohne Ankündigung geändert werden.  
 \* Все данные являются приблизительными. Конструкция и характеристики могут быть изменены без предварительного уведомления.

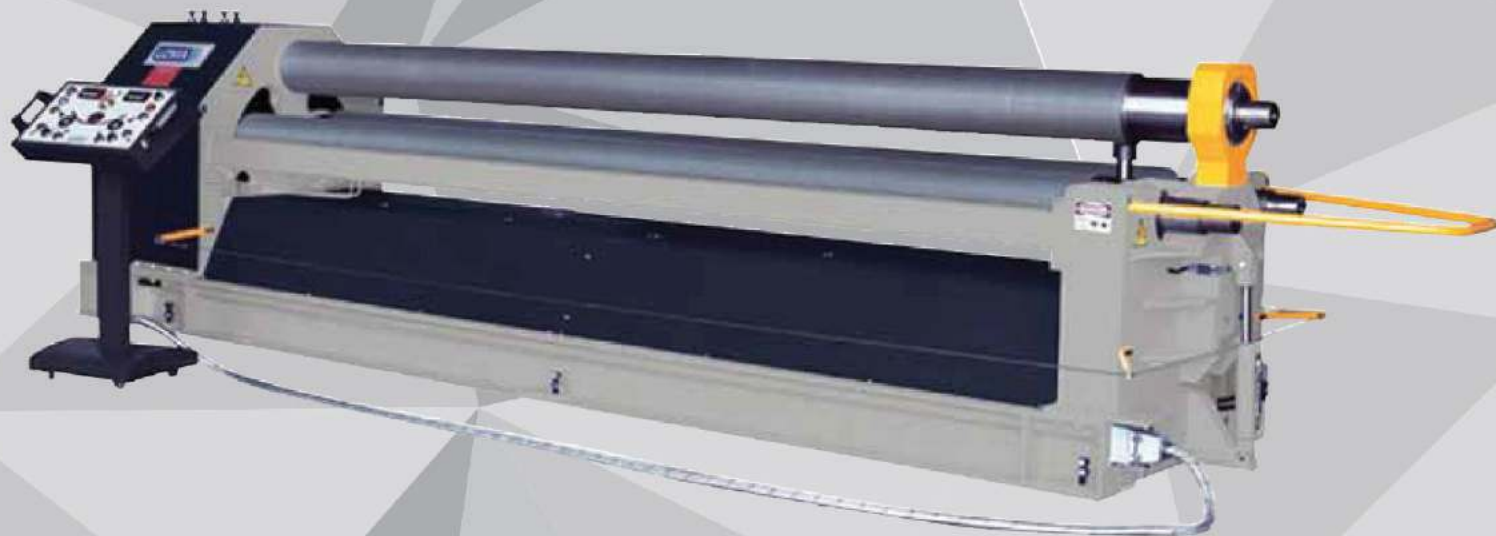
\* Capacities are given for 260 N/mm<sup>2</sup> plate yielding strength. \* Kapazitäten sind für 260 N/mm<sup>2</sup> Dehngrenze gegeben. \* Характеристики приведены для стали с пределом пластической деформации 260 N/mm<sup>2</sup>.



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**Steel Division**

# UHS-3 Line - Plate Bending Machines



UHS-3	Without Pre-Bending Ohne Anbiegung БЕЗ ПРЕДПОДГИБА		With Pre-Bending Mit Anbiegung С ПРЕДПОДГИБОМ		Central rolls Ø Zentralwalzen Ø Центральные ролики Ø	Side rolls Ø Seitenwalzen Ø Боковые ролики Ø	Motor Power Motorleistung Мощность двигателя	Working Speed Arbeitsgeschwindigkeit Рабочая скорость	Machine Dimensions (LxWxH) Maschinenabmessung (LxBxH) Габаритные размеры (ДxШxВ)	Weight Gewicht Вес	
	Useful Length Nutzlänge Рабочая длина	Min. Diameter = top roll Ø x 5 times Min. Durchmesser = Oberwalze Ø x 5 mal Мин. Диаметр гибки=Ø верх. Роликаx5	Min. Diameter = top roll Ø x 1,5 times Min. Durchmesser = Oberwalze Ø x 1,5 mal Мин. Диаметр гибки=Ø верх. Роликаx1,5	Min. Diameter = top roll Ø x 5 times Min. Durchmesser = Oberwalze Ø x 5 mal Мин. Диаметр гибки=Ø верх. Роликаx5							Min. Diameter = top roll Ø x 1,5 times Min. Durchmesser = Oberwalze Ø x 1,5 mal Мин. Диаметр гибки=Ø верх. Роликаx1,5
	mm	mm	mm	mm	mm	mm	kw	m/min.	mm	kg	
UHS-3 20210	2050	12	10	10	8	210	190	7,5	5	3400x1200x1300	4200
UHS-3 20240	2050	15	13	13	10	240	220	7,5	5	3400x1300x1450	5060
UHS-3 20280	2050	18	16	16	12	280	260	7,5	5	4100x1400x1550	7600
UHS-3 20300	2050	22	20	20	16	300	280	11	5	4100x1500x1550	8100
UHS-3 25210	2550	10	8	8	6	210	190	7,5	5	3900x1200x1300	4570
UHS-3 25240	2550	12	10	10	8	240	220	7,5	5	3900x1300x1450	5670
UHS-3 25280	2550	15	13	13	10	280	260	7,5	5	4600x1400x1550	7720
UHS-3 25300	2550	18	16	16	12	300	280	11	5	4600x1500x1550	9100
UHS-3 30210	3100	7	6	6	4	210	190	7,5	5	4450x1200x1300	5205
UHS-3 30240	3100	10	8	8	6	240	220	7,5	5	4450x1300x1450	6600
UHS-3 30280	3100	12	10	10	8	280	260	7,5	5	5150x1400x1550	8370
UHS-3 30300	3100	15	13	13	10	300	280	11	5	5150x1500x1550	9900
UHS-3 40240	4100	6	5	5	4	240	220	7,5	5	5450x1300x1450	7600
UHS-3 40280	4100	8	7	7	5	280	260	7,5	5	6150x1400x1550	10800
UHS-3 40300	4100	10	8	8	6	300	280	11	5	6150x1500x1550	11800

\* Capacities are given for 260 N/mm<sup>2</sup> plate yielding strength. \* apazitäten sind für 260 N/mm<sup>2</sup> Dehngrenze gegeben \* Характеристики приведены для стали с пределом пластической деформации 260 N/мм<sup>2</sup>



# TPP Line - Turret Punching Machine



TPP		TPP 9-33	TPP 7-27
Press Capacity / Stanzkraft / Мощность пресса	Ton / Тонн	30	20
Max. working cycles (in 1mm step, 1mm thickness) Max. hübe in nibbelmodus (1mm schritte, 1mm blechstärke) Макс. Кол-во циклов (на шаге 1мм, толщине 1мм)	stroke / min. hub / min. Шагов/мин	900	700
X Axis movement / X Achsenbereich / Движение по оси X	mm.	2500 + R	2000 + R
Y Axis movement / Y Achsenbereich / Движение по оси Y	mm.	1500	1250
Max. punching capacity for fix station Max. stanzkraft für feste stationen Макс. толщина для фиксированной станции	Mild Steel Stahl Обычная сталь	6 mm	6 mm
(on index stations the punching capacity is 50% of fix station) (in index stationen ist der stanzkraft 50% von feste stationen) На индексированных станциях толщина пробивки составляет 50% от фиксированной станции	Stainless Steel Edelstahl	3 mm	3 mm
A - Station / A- Stationen / A-станция	mm.	1,6 to 12,7	1,6 to 12,7
B - Station / B- Stationen / B-станция	mm.	12,8 to 31,7	12,8 to 31,7
C - Station / C- Stationen / C-станция	mm.	31,8 to 50,8	31,8 to 50,8
D - Station / D- Stationen / D-станция	mm.	50,9 to 88,9	50,9 to 88,9
Clamping Force / Klemmkraft / Усилие прижима	kg.	1200	1200
Automatic Positioning Clamps / Automatische Positionierung Klemmen / Автоматическое позиционирование прижимов	pcs.	3	3
Maximum Sheet Weight / Maximale Blech Gewicht / Максимальный вес листа	kg.	200	120
Index Axes / Index Achsen / Индексные оси		Absolute Fanuc Servo Motor + Harmonic drive Gearbox	Absolute Fanuc Servo Motor + Harmonic drive Gearbox
Linear Axes / Linearachsen / Линейные оси		All Axes Absolut Ballscrew with Fanuc Servo Motor	All Axes Absolut Ballscrew with Fanuc Servo Motor
Position Control / Position Control / Контроль положения		Voith Turbo H+L Hydraulic	Schneider
Repetition Accuracy / Wiederholung Genauigkeit / Повторяемость		± 0,05	± 0,05
Positioning Accuracy / Positionier Genauigkeit / Точность позиционирования	mm.	± 0,1	± 0,1
Index Positioning Accuracy / Index Positioniergenauigkeit / Точность индексного позиционирования	"	0,01'	0,01'
X Y Axial Speeds / X Y Simultan Geschwindigkeit	m/ min.	110	110
Turret Rotation Speed / Werkzeugrevolver Drehgeschwindigkeit	rpm	20	27
Air Pressure / Luftdruck / Давление воздуха	Bar	6-7	6-7
CADCAM Software / CAD/CAM Software / ПО CAD/CAM		Lantek or Metalix	Lantek or Metalix
Table Type / Tisch Typ / Тип стола		Ball + Brush Kugeln + Bürsten	Ball + Brush Kugeln + Bürsten
Length / Länge / Длина	mm.	5520	5040
Width / Breite / Ширина	mm.	5000	4290
Height / Höhe / Высота	mm.	2220	2220
Weight (aprox.) / ca. Gewicht / Вес	kg	20000	13000



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**Steel Division**

# UP Line - Hydraulic Punching Machines



UP		65	85	115	175
Diameter x max. thickness Durchmesser x max. Stärke Диаметр макс. Толщину	(mm)	Ø 26 x 20	Ø 33 x 20	Ø 34 x 26	Ø 40 x 32
Diameter x thickness Durchmesser x Stärke Диаметр x толщину	(mm)	Ø 57 x 10	Ø 57 x 12	Ø 55 x 16	Ø 57 x 22
Max. diameter x thickness Max. Durchmesser x Stärke Максимальный диаметр	(mm)	Ø 110 x 3	Ø 110 x 4	Ø 110 x 5	Ø 125 x 4
Stroke Hub Ход	(mm)	55	80	80	80
Stroke count in (20 mm) Hubzahl (20 mm) Кол-во ударов в (20мм)		22	21	21	21
Throat depth Ausladung Глубина Зева	(mm)	625	625	625	625
Working height Arbeitshöhe Рабочая Высота	(mm)	950	950	950	950
Bar bend max. Stabstahl max. Гибка Прутка Макс.	(mm)	250 x 15	250 x 20	250 x 22	250 x 25
Sheet bend max. Blechblegen max. Гибка Листа Макс.	(mm)	500 x 3	500 x 3	700 x 3	700 x 4
Motor power Motorleistung Мощность двигателя (кВт)	(kw)	5,5	7,5	11	11
Length Länge Длина	(mm)	1600	1850	2000	2700
Width Breite Ширина	(mm)	900	950	950	1120
Height Höhe Высота	(mm)	1800	1920	1970	2160
Approx Weight Ca. Gewicht Вес (кг)	(kg)	2440	3270	3760	5270
Power (Pressure) Leistung (Druck) Усилие	(ton)	65	85	115	175

- 1 Standard Equipments  
Standardausrüstung  
Стандартное Оборудование
- 2 Optional Equipments  
Sonderausrüstung  
Дополнительное Оборудование

• Capacities are given for 450 N/mm<sup>2</sup> plate yielding strength.  
 • Kapazitäten sind für 450 N/mm<sup>2</sup> Dehngrenze gegeben  
 • Характеристики приведены для стали с пределом пластической деформации 450 N/mm<sup>2</sup>



# TPP Line - Turret Punching Machine



Motor	3 kw - 1500 devir	Motor
Kapasite	250mm.	Capasite
Ağırlık	190°	Weight



Mengene kapasitesi	Ø17 X 90 mm	Clamp capacity
Ağaz açma kapasitesi	Ø114.3 mm	Breaking capacity
Motor gücü	2.2 kw	Motor power
Makina uzunluğu	1000mm	Machine lenght
Makina Genişliği	600mm	Machine width
Makina Yüksekliği	1150mm	Machine height
Makina Ağırlığı	175 kg.	Weight of machine



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**Steel Division**

# WELDING SOLUTIONS



# U-Lab

Working field - X axis	mm 2500-3050-3750-4250
Working field - Y axis	mm 1250-1550-1850-2200
Maximum work piece thickness	mm 100
Driven system X-axis	rack and pinion
Driven system Y-axis	rack and pinion
Driven system Z-axis	ballscrew
Maximum speed X-axis	m/1' 25/60
Maximum speed Y-axis	m/1' 25/60
Maximum speed Z-axis	m/1' 20
Vertical spindles	5/10
Horizontal spindles	2+2/ 1+1
1 sawblade unit D=120 mm X - XY	1 / 1+1
Milling aggregate rotation speed	1000 - 24000 g/1'
Total power installed	kW 17/ 26
Air working pressure	bar 6-7
Connection to air supply	3/8" G inches
Suction inlet diameter	mm 250
Minimal speed suction	m/s 30
Average air consumption per cycle	5300 m3/h



## T-124

Distance between centers	Mm	1150
Centers height	Mm	200
4 chuck speed	Rpm	570/1000/1850/2500
Three phase motor power		2 HP 50HZ

Flywheel diameter	Mm	800
Max. height of cut	Mm	450
Max. cutting width	Mm	780
Table height from floor	Mm	970
Table size	Mm	710 x 1030
Max. min length, lama	Max./min.	5630 X 5530
Max. width of blade	Mm	40 x 0.6
Motor power	Hp	5,5 / 7,5
R.P.M. of wheels	Rpm	780
Dust extrac.Outlet	Mm	2 x Ø 12
Flywheel diameter	Mm	700
Max. height of cut	Mm	380
Max. cutting width	Mm	680
Table height from floor	Mm	910
Table size	Mm	650 x 950
Max. min length, lama	Max./min.	4970 X 4870
Max. lama	Mm	35 x 0.6
Motor power	Hp	4
R.P.M. of wheels	Rpm	765
Dust extrac.Outlet	Mm	2 x Ø 100

## Sp-800



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# Horizontal-Beam-Saw-v95



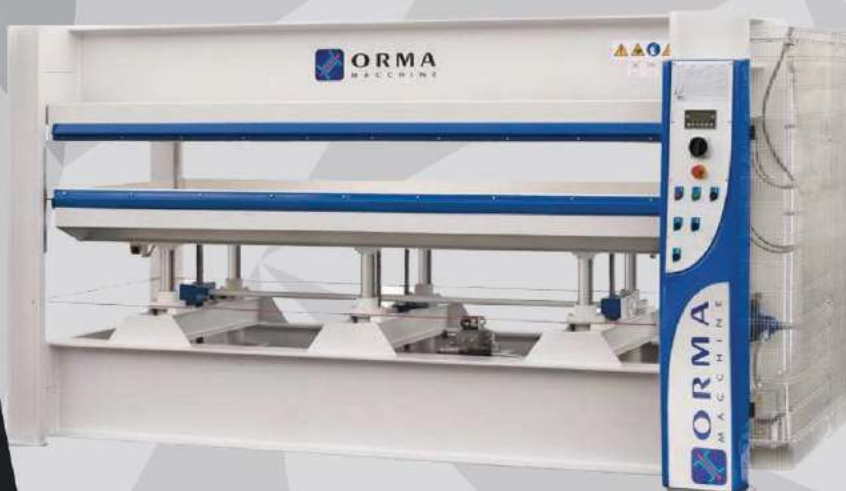
DATI TECNICI • TECHNICAL DETAILS • CARACTERÍSTICAS TÉCNICAS • TECHNISCHE BESCHREIBUNG • DONNÉES TECHNIQUES		
Spostanza lama • Blade projection • Saliente de la hoja • Sägeblattüberstand • Dépasserment lame		mm 95 (mm.110)
Lama • Blade • Hoja • Sägeblatt • Lame		Ø mm 350 (mm.380)
Lunghezza di taglio • Length of cut • Longitud de corte • Größe Schnittlänge • Longueur de coupe		mm 3200 - 3800 - 4500
Correa spintore • Pusher feeding run • Resacido empujador • Schieber-Vorschub • Course groupe pousseur		mm 3200 - 3800 - 4300
Motore lama principale • Main blade motor • Potencia Motor • Sägeblatmotor • Puisseance du moteur		Kw 9,2
Motore lama incisore • Scoring blade motor • Motor hoja incisor • Vortragsäbblatmotor • Moteur lame inciseur		Kw 1,1
Lama incisore • Scoring blade • Hoja incisor • Vortragsäbblatt • Lame inciseur		Ø mm 150
Velocità carro lama • Saw carriage speed • Velocidad carro porta-hojas • Vortragsgeschwindigkeit Sägewagen • Vitesse chariot porte-lames		Standard 3-70 m/min. Optional 1-130 m/min. (Brushless)
Velocità spintore • Pusher feeding speed • Velocidad empujador • Schiebergeschwindigkeit • Vitesse pousseur		Standard m/min 25 - 60 Optional m/min 25 - 70 (Brushless)
Piani frontal a velo d'aria • Air floatation tables • Mesas con cojin de aire • Vordere Luftkissen-tische • Tables à coussin d'air		nr.3 nr.4 (4500)
Pinze pneumatiche • Pneumatic grippers • Pinzas neumaticas • Pneumatische Spannvorrichtungen • Pince pneumatiques		nr.5 ( 3200 - 3800 ) nr.6 (4500)

		AIR SYSTEM 25/14	AIR SYSTEM ECO 25/14
Press Platen size	mm	2500 x 1400	2500 x 1400
Max. total trust	ton	240	240
Working chamber height	mm	60	60
Pressing cylinders	Nr.	4	4
Pistons diameter	Ø mm	140	140
Stroke	mm	100	250
Platen heating	Kw	12	
Total consumption	Kw	22	
Power supply	V/ph/Hz	400 / 3 / 50	
Hydraulic pump	kw	2,2	

# Membrane-Press



# Hot-Press



		NPC 6/95	NPC 6/110
Platen size	mm	3000x1300	3000x1300
Total Thrust	Ton	90	120
Cylinders	N.	6	6
Pistons	Ø mm	70	85
Stroke	mm	400	450/650
Motor	HP	2	3
Wood boiler	kcal/h	29.900	29.900
Boiler	kW	21	21
Electric Platens	kW	19,6	19,6





# SP1-Formola

Useful working width	Mm	520
Cutter block diameter	mm/n. of knives	125/4
Dimensions of standard knives	Mm	530 x 35 x 3
Mx. Stock removal	Mm	8
Thickening table dimensions	Mm	530 x 950
Feed speed on thickener	m/min	8/16
Min-max working height on thickener	Mm	220
Three phase motors		10 HP 50 Hz 400 V 2 HP 1.5 KW
Exhaust hoods diameter	Mm	160



# AS20-Formola

Work table dimensions	Mm	320 x 600
Longitudinal stroke	Mm	245
Vertical stroke	Mm	165
Transversal stroke	Mm	205
Bits diameter	Mm	1 ÷ 20
Spindle speed	Rpm	2480
Three phase motor	kW / Hz	2,2 / 50

# F2-Formola

Working width	Mm	530
Cutter block diameter	(mm)/n. of knives	125/4
Dimensions of standard knives	Mm	35x3x530
Max. stock removal	Mm	8
Total length of tables	Mm	2900
Three phase motor		7,5 HP 50 Hz
Exhaust hoods diameter	Mm	160



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# AXO 300



		Axo 300
Useful cutting length	Longueur de coupe	3300/3800/4500
Blade projection	Sortie de la lame	87 mm
Pusher speed	Vitesse de déplacement poussoir	22 m/min (std) 70 m/min (opt)
Saw carriage feed speed	Vitesse de déplacement chariot porte-lames	0 à 30 m/min (std) 0 à 135 m/min (opt)
Main motor power 50 Hz (56-40%)	Puissance moteur principal 50 Hz (56-40%)	9 kW (std) 14 kW - 15 kW (opt)
Scoring motor power 50 Hz (56-40%)	Puissance moteur inciseur 50 Hz (56-40%)	1,3 kW
Rotation speed blade/scoring unit (rpm/min - 50 Hz)	Vitesse de rotation lame/inciseur (tr/min - 50 Hz)	3900/6300
Diameter main blade/scoring unit	Diamètre lame principale/inciseur	350/160 mm
Number of standard grippers	Nombre pinces standard	5

# AXO 400



		Axo 400	Axo 500 hd
Useful cutting length	Longueur de coupe	3200/3800/4500	3200/3800/4500
Blade projection	Sortie de la lame	107 mm	130 mm
Pusher speed	Vitesse de déplacement poussoir	38 m/min (std) 70 m/min (opt) 0 à 90 m/min	0 à 90 m/min
Saw carriage feed speed	Vitesse déplacement chariot porte-lames	0 à 30 m/min (std) 0 à 135 m/min (opt)	0 à 150 m/min
Main motor power 50 Hz (56-40%)	Puissance moteur principal 50 Hz (56-40%)	9 kW (std) 14 kW - 15 kW - 18 kW (opt)	14 kW (std) 18 kW (opt)
Scoring motor power 50 Hz (56-40%)	Puissance moteur inciseur 50 Hz (56-40%)	1,3 kW	1,8 kW
Rotation speed blade/scoring unit (rpm/min - 50 Hz)	Vitesse de rotation lame/inciseur (tr/min - 50 Hz)	3900/6300	3900/6300
Diameter main blade/scoring unit	Diamètre lame principale/inciseur	360/160	430/200
Number of standard grippers	Nombre pinces standard	6	6



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# Easy Jet 5.12



Useful working area Zone de travail utile Nutzbarer Arbeitsbereich	Easy Jet 4.8	Easy Jet 5.	Easy Jet 6.12	Easy Jet 7.10	Easy Jet 7.14
Axis - Axe - Achse X	2486 mm	3686 mm	3686 mm	3086 mm	4286 mm
Axis - Axe - Achse Y	1255 mm	1555 mm	1855 mm	2155 mm	2155 mm
Axis - Axe - Achse Z	100 mm	100 mm	100 mm	100 mm	100 mm

# Jet Optima



Jet Optima		TFM18	TFM23	TFM27	TFM32	TFM37
X axis vertical spindles	Vertikale Bohrspindeln in X-Achse Broches verticales axe X	7	13	11	20	18
Y axis vertical spindles	Vertikale Bohrspindeln in Y-Achse Broches verticales axe Y	5	10	8	12	9
X axis horizontal spindles	X axis horizontal spindles Mandriles horizontales eje X	2+2	3+3	3+3	-	3+3
Y axis horizontal spindles	Horizontale Bohrspindeln in X-Achse Broches horizontales axe X	1+1	-	1+1	-	2+2
Integrated saw	Integrierte Säge Lame Intégrée	Ø 120	-	Ø 120	Ø 120	Ø 120
Motor power	Motorleistung Puissance moteur	1,7 Kw	1,7 Kw	1,7 Kw	3 Kw	3,6 Kw



# Jet Optima C



Useful working area (stroke axis) Zone de travail utile (course axe) Nutzbarer Arbeitsbereich (Achsenhub)		Jet Optima C	Jet Optima C XL
X Axis - Axe X - Achse X	mm	3050 (3690)	5200 (5850)
Y Axis - Axe Y - Achse Y	mm	1250 (1730)	1250 (1730)
Z Axis - Axe Z - Achse Z	mm	130 (300)	130 (300)
Electrospindle power - Puissance electrobroche - Elektroschindel Leistung	kW	11	11

# Jet Smart

Automatic boring machine with blade	Centre de perçage automatique avec lame	Automatische Bohrmaschine mit Sägenschnitt	Jet Smart
Max. piece dimension	Dimension maxl. pièce à usiner	Max. Werkstück Abmessungen	3050x900x60 mm
Min. piece dimension	Dimension mini. Pièce à usiner	Min. Werkstückabmessungen	200x70x10 mm
Max. speed axis X-Y	Vitesse maxl. Axes X - Y	Max. Geschwindigkeit Achsen X-Y	40-40 m/min
Boring head: vertical/horizontal spindle, blade X	Tête de perçage: mandrins verticaux/horizontaux, lame X	Bohrkopf: vertikale/horizontale Spindel, Sage X	12,6
Electrospindle (S6-40%)	Electrobroche (S6-40%)	Elektroschindel (S6-40%)	5,5 kW (7,5 HP) - 18.000



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# CIM 31



Technical data		CIM 31
Useful cutting length	mm	3100
Pressure stroke	mm	45
Max. rear feed depth	mm	500
Min. rear feed depth	mm	25
Pressure of inlet compressed air	bar	-
Pipe Ø for compressed air inlet		-
Required air pressure	dm <sup>3</sup>	-
Rear feed motor power	hp (kW)	0,5 (0,37)
Total installed electric power	hp (kW)	6,5 (4,83)
Noise measurement	dB	64
Weight	kg	2300
Overall dimensions	mm	4200x2700x1850 H
Optional	-Option-	



LIBRA 45 - AUTOMATIC WIDE BELT SANDERS

Working width	mm	1100
Min. ÷ max. working height	mm	4÷ 170
Sanding belt width	mm	1115
Sanding belt length	mm	2150
2 feed speeds	m/min	4,5-9
Feeding motor power	hp	0,6 / 1,1
Main motor power	Hp/hz	15/50



LIBRA 65 - AUTOMATIC WIDE BELT SANDER WITH 3 OPERATING HEADS

Useful working width	mm	1350
Sanding belt width	mm	2620
Feed speeds	m/min	4/5-9
Motors power	kW	15

# CLASSIC MACHINE - COMBINED



PFS 52 ES



C-30



C 41



PFS 41 ES



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# EDGE BANDER

FLEXA 307



FLEXA 207



ALA 20 S



FLEXA 17



FLEXA 27



# SPINDLER MODEL



F-200



F-23



F-230



F-105



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# STRAIGHTNING PLANNER



Matrix - 230

## CLASSIC MACHINE - CIRCULAR SAW

SC - 30



Xenia - 40

# THICKNESSER PLANNER



PS-520



PS-63



PS-52



PS-63 ES



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# KASATI MACHINE



Z - 650



Z - 1000

# MAGGI TECHNOLOGY



Big-800 Radial



Prestige - 21



# RSWOOD



CTM - 220 E



AC - 850 Knife Grinder



Kontour 1500 A



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# Two Component Sealant Extruder



Model	TSE
Machine Size	2,500 mm(H)× 1,250 mm(W)× 3,450 mm(L)
Discharge	Max. 2,000g/min
Spacer Thickness	6 mm ~ 20 mm
Power Source	AC380V 3ph 60Hz
Total Power	2 ☒

## Automatic desiccant filler TDF/A



### Features

- All the system are controlled by touch screen
- Fast working speed
- Spacer thickness is up to 22mm from 6mm
- Operator friendly design
- Easy controllable of all tools with touch screen and PLC program
- Possible to recode monitoring current production quantity and easy operation

### Technical Data

Machine size	3,000mm(H)×1,000mm(W)×1,100mm(L)
Spacer thickness	5.5mm ~ 21.5mm
Minimal size	300 mm x 300 mm
Maximal size	2,500 x 2,500 mm
Productivity	1,500~2,000(8hr/day, 1,000mm x 1,000mm)
Cycle time	9A 1000x1000mm Less than 30s
Power source	AC380V 3ph 50Hz
Total power	1kw
Air pressure	6kgf/cm <sup>2</sup>



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**Glass Division**

# Automatic Edge deletion machine TED

## Optional

- Multi shaped glass

## Technical Data

Machine size	3,350mm(H) x 2,400mm(W) x 7,500mm(L)
Glass thickness	3mm - 12mm
Minimal Glass size	500 mm x 250 mm
Maximal Glass size	2,500 x 3,000 mm
Cycle time	18Sec(Glass Size: 1,500mm x 1,500mm)
Noise Max.	Less Than 60dB
Power source	AC380V 3ph 50Hz
Total power	4kw
Air pressure	6kgf/cm <sup>2</sup>
Grinding wheel	Ø200x10W
Head wheel motor	DC12V, 3ph, 50Hz, 0.75kw
Head working motor	AC220V, 50Hz, 1Kw
Conveyor motor	AC380, 3ph, 50Hz, 0.75Kw x2
Blower	AC220, 50Hz, 0.75Kw

## Control systems

PLC	Keyence(JAPAN)
Inverter	Delta x 2
Touch screen	Weview
Relay	Omron
Servo system	Delta x 5
Power supply	LG
Blower motor	Sheng Hong
NC controller	Schneider



# Butyl Extruder EK-2000



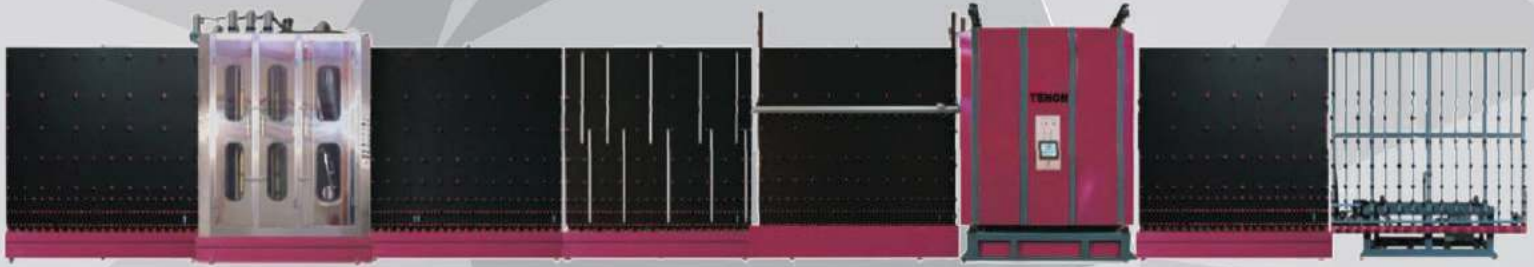
## Technical Data

Machine size	950mm(H) x 600mm(W) x 3,000mm(L)
Spacer width	6mm, 9mm, 12mm, 16mm, 19mm
Minimal size	250 mm x 250 mm
Maximal size	2,500 x 2,500 mm
Butyl speed	0m-25m/min.
Butyl volume	14L(2 block)
Power source	AC380V 3ph 50Hz
Total power	3.75kw
Air pressure	8kgf/cm <sup>2</sup>

## Control systems

PLC	OMRON
Inverter	Delta
Touch screen	Schneider
Power supply	LG
Motor	Cheng Pang
Power motor	Maxmator

# Automated IG line with Plate Press



## Technical Data

Machine size	3,500mm(H)×1,500mm(W)×21,000mm(L)/ 3,000mm(H)×1,500mm(W)×19,000mm(L)
Glass thickness	4mm-12mm(19mm option)
IG thickness	12mm-60mm
Minimal size	400 x 250 mm
Maximal size	2,440 x 3,250 mm / 2,000 x 2,800mm
Working height	500mm(±25mm) from ground
Cycle time	30sec(1000mm x 1000mm)
Power source	AC380V 3ph 50Hz
Total power	43kw/32kw
Air pressure	8kgf/cm <sup>2</sup>
Noise	Less than 70dB

## Control systems

PLC	OMRON
Inverter	Schneider or

# Automated IG line with Plate Press

## Technical Data

Machine size	2,970mm(H)×1,700mm(W)×9,500mm(L)
Spacer thickness	5.5mm ~ 15.5mm
Minimal size	200 mm x 200 mm
Maximal size	2.500 x 2.500 mm
Productivity	1,500~2,000(8hr/day, 1,000mm x 1,000mm)
Cycle time	20Sec(1,000mm x1,000mm)
Working speed	30m-50m/min.
Power source	AC380V 3ph 50Hz
Total power	6kw
Air pressure	6kgf/cm <sup>2</sup>

## Control systems

PLC	OMRON(JAPAN)
Inverter	Schneider
Touch screen	Weinview
Servo system	Delta x 2
Power supply	LG



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**Glass Division**

# Automatic Sealing Robot TSR/1



## Technical Data

Machine size	2,850(3,900)mm(H)×3,800mm(W)×9,150mm
Sealing thickness	6mm,9mm,12mm,16mm
Minimal size	350 x 190 mm
Maximal size	2.500 x 2.500 mm
Sealing speed	25m/min.
Cycle time	40sec(1000mm x 1000mm)
Power source	AC380V 3ph 50Hz
Total power	28kw
Air pressure	6kgf/cm <sup>2</sup>

## Control systems

PLC	MITHUBISHI(JAPAN)
Inverter	Schneider or
Touch screen	Proface or
Servo system	MITHUBISHI(JAPAN) or

