

# EUROCUTTER®

*d i f f e r e n t , b u t b e t t e r*



*see the difference ...*

*... take the better*

# SP

***Cutting***



# EUROCUTTER® SP

The new guillotine generation - different, but better

EUROCUTTER sets new standards with the advancement of the guillotines in view of the cutting process. The new EUROCUTTER SP guillotine-series complies with maximum standards; as single-machine or in the centre of an automated

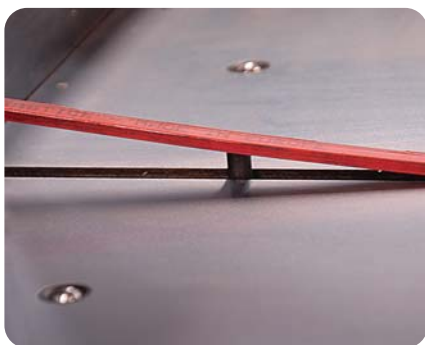
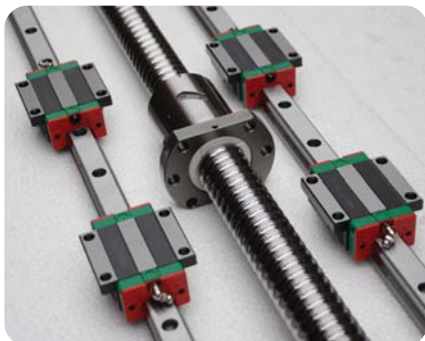
cutting line. The EUROCUTTER standard equipment leaves nothing to be desired, as almost everything is standard. With the high vertical integration and the purchase of necessary and approved components of world-wide

known leaders of technology, the EUROCUTTER SP guillotine sets new standards in quality.



# EUROCUTTER® SP - series stands for

- **Sturdy, powerful and long-lived** due to tight and buckling resistant machine frame and due to the use of precision units for the back gauge positioning, knife drive and guidances.
- **Efficient and economic** due to high altitudes, rapid back gauge speed as well as easy and fast knife change.



- **High precision**  
due to a mutual linear back gauge guidance and precision ball screw for back gauge positioning.
- **Highest Safety**  
EUROCUTTER SP guillotines are constructed according to the CE – machine building regulations and guarantee highest safety.
- **Easy to use**  
modern, clearly arranged operator panel, data input via pointer dot keyboard respectively Touch Screen Monitor (TM and TSM) and self-explanatory symbols as well as format-programming, cutting bar ejector.
- **Individuality**  
A comprehensive range of products equipped with 6 cutting widths from 780 – 1760 mm and 3 resp. 5 different control versions offer the right product for every customer.

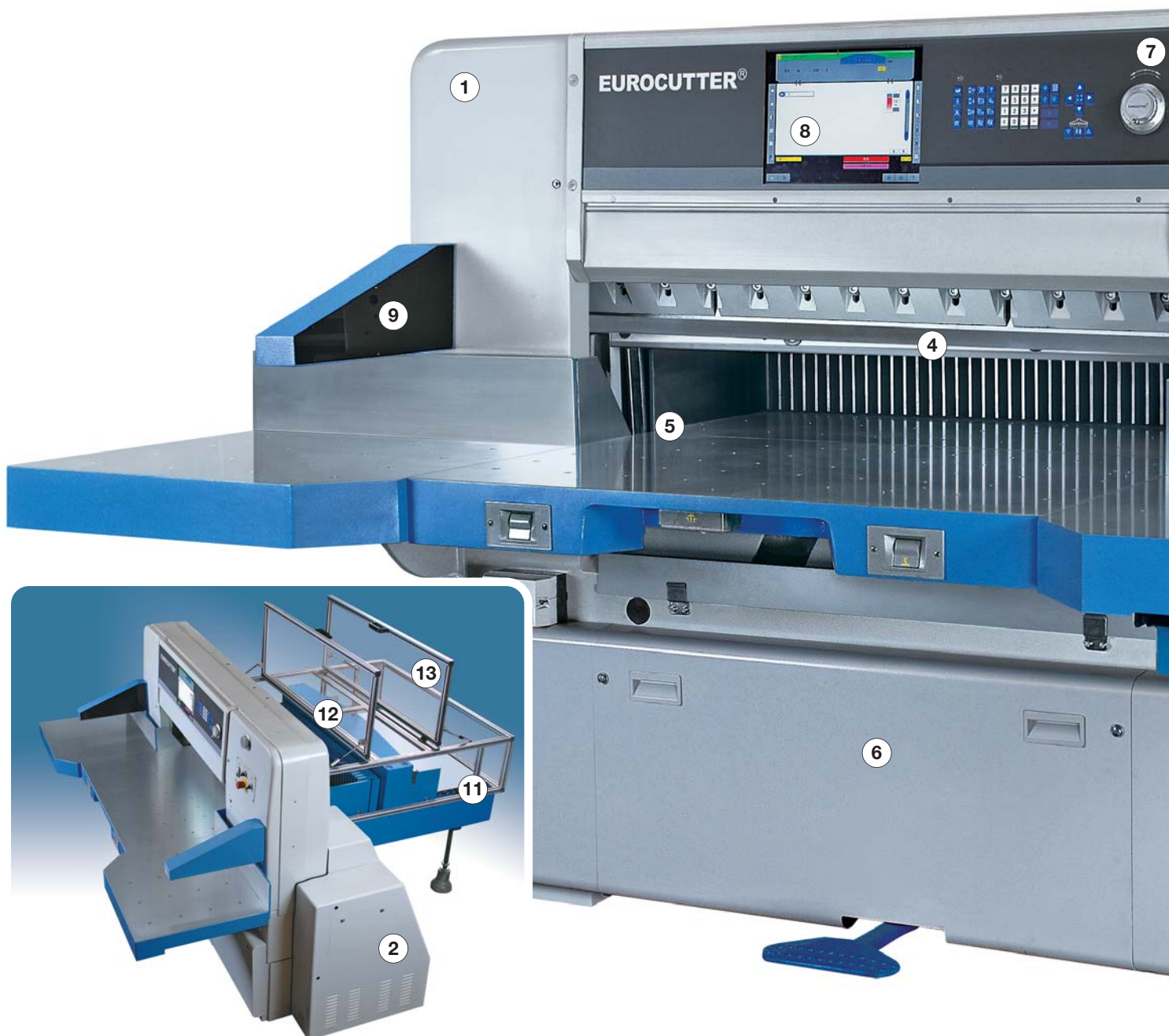
# EUROCUTTER® SP

All in series - unbelievable but true !

① The boosted, buckling resistant machine frame avoids vibrations and increases the cutting accuracy to the maximum.

② Classic and powerful knife drive technology via worm gear and hydraulic clutch.

③ Standard cast iron machine and side tables are hard chromium plated, equipped with air nozzles. Extra-large side tables from cutting width 1150 mm at format 1000 x 750 mm.



④ Rapid, safe and uncomplicated knife change from the front. Short set-up times and maximum knife life time due to lifting methods and adjustment gauge.

⑤ Standard cutting bar ejector below the table.

⑥ Remote – control remote monitoring.

⑦ Clearly arranged: the monitor, the operator panel with pointer dot keyboard as well as the balance wheel for the back gauge fine adjustment, everything is positioned at eye level.

⑧ Large 15" TFT-LCD Touch Screen Monitor for TSM – version.

⑨ Safety is maximized. Standard-safety package equipped with 25-channel self-controlling light beam barrier and completely closed and electrically controlled rear table, clamp protection device, two-hand cut release with inhibition of repetitive cutting, pushing block.

⑩ Production organisation: Pouch for production sheets and extendable drawer below the side tables.

⑪ Back gauge guidance by mutual linear guidance, therefore no slot in the cutting table.

⑫ Precision ball screw with servo drive, automatic speed regulation by back gauge speed control.

⑬ Complete rear table cover with serial electrical fused fast opening for the knife backside cleaning.



# EUROCUTTER® SP

## 26 different models - the suitable control for everyone

EUROCUTTER SP guillotines can be delivered in 3 resp. 5 control versions, with cutting widths 780, 920, 1150, 1370, 1550, 1760 mm. The programmable basic model „Display SP“ is equipped with 5,7“ Monochrome LCD monitor, the colour screen version ”Monitor SP“ or “SMonitor SP” is equipped with 10,4“, resp. 15” TFT-LCD monitor. The “TMonitor SP” control offers the entrance to the touch screen-generation (10,4”).

The top model “TSMonitor SP” has a 15” Touch Screen Monitor.



Display



Monitor, TMonitor



SMonitor, TSMonitor

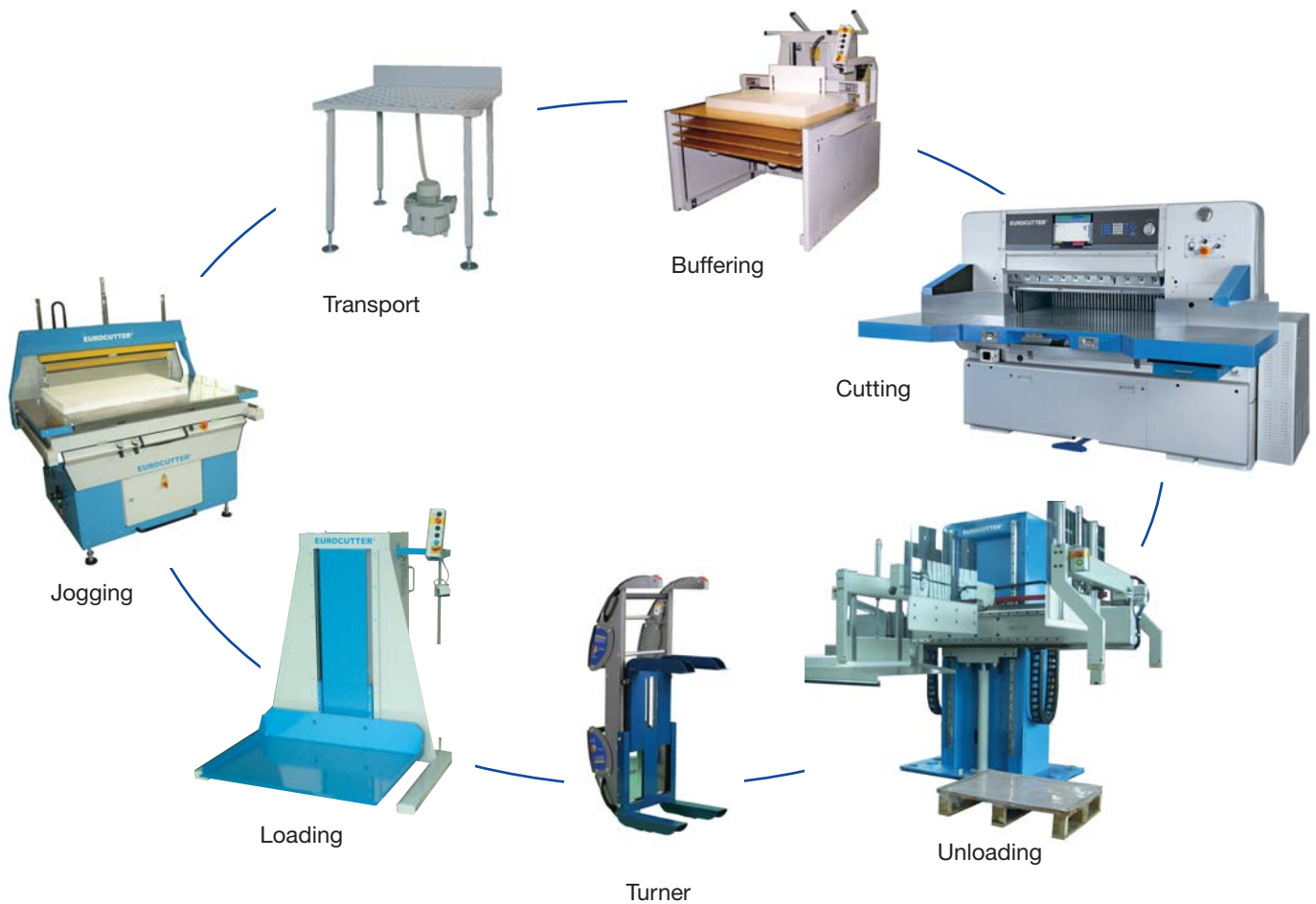
### Control features EUROCUTTER

	D SP 78-176	M SP 78-176	TM SP 78-176	SM SP* 115-176	TSM SP* 115-176
Register and feed inlay corrections	-	●	●	●	●
Automatic pusher	●	●	●	●	●
Screen size	5,7“	10,4“	10,4“	15“	15“
Block repeat cutting	-	●	●	●	●
Soft keys	●	●	●	●	●
Insertion and deletion of program steps	●	●	●	●	●
Programmable loading position and pusher	●	●	●	●	●
Error message via clear text display	●	●	●	●	●
Format program creation with graphic operator guidance	-	●	●	●	●
Programmable air system de/activation	●	●	●	●	●
Graduated display selectable in mm, cm, inch	●	●	●	●	●
Back gauge positioning 1/100 mm	●	●	●	●	●
Knife change cut counter	●	●	●	●	●
On Screen Check System for machine diagnosis	-	●	●	●	●
Online programming via LAN / WLAN interface with EUROCUT OFFICE	-	○	○	○	○
Clamping without cutting programmable	●	●	●	●	●
Clamping - continuous clamping	●	●	●	●	●
Clamping time „clamping without cutting“ pre-adjustable	●	●	●	●	●
Programming during cutting	●	●	●	●	●
Program mode manual / semi automatic / fully automatic	●	●	●	●	●
Remote control – monitoring	●	●	●	●	●
Repeat cutting with / without intermediate cut	●	●	●	●	●
Back gauge positioning frequency controlled with autom. speed regulation	●	●	●	●	●
Backgauge speed programmable	●	●	●	●	●
Backgauge ramps programmable	-	●	●	●	●
Storage: amount of programs / amount of steps per program	16.000	Unlim.**	Unlim.**	Unlim.**	Unlim.**
Calculator	●	●	●	●	●
Text display selectable in 2 languages	●	-	-	-	-
Text display selectable in all languages for programming	-	●	●	●	●
Touch screen	-	○	●	○	●
USB connection for program update, data transfer	-	●	●	●	●
Pre-clamping time programmable	●	●	●	●	●
Inspection-cut-counter	-	●	●	●	●

● standard ○ optional - not available \* not available for 780 und 920

\*\* over 40.000 programs for an average of 30 steps per program

# EUROCUTTER® product range, the perfect completion for methodical cutting



## EUROCUTTER® AD Particularly suitable for large format

Cutting widths

- 1850
- 2100
- 2600
- 2800
- 3000
- 3200
- 3400
- 3600
- 4000



# EUROCUTTER® SP

Too much to list as basic equipment\*

- 2 HSS knives in knife tool box
- 25-channel self-regulating safety light guards
- 3-phases 200/400 V / 50/60 Hz
- 50 cutting sticks
- Air nozzles in all tables
- Air tables equipped with fan
- CE certificate
- Clamp protection
- Closed cutting table without gap
- Cutline indicator, optical
- Cutline indicator, mechanical (safety pressure)
- Cutting table made of cast, chromium plated
- Drawer below side tables
- Electric knife time lag control
- Emergency stop switch
- False clamp cover
- Hydraulic clamping infinitely adjustable
- Hydraulic clutch
- Knife changing device incl. lifting system and adjust gauge
- Main switch
- Mechanical overflow protection (safety latch)
- One-piece machine frame cast steel
- Operation manual, spare parts catalogue, electric diagram
- Overhead back gauge drive mutual linear and ball screw
- Pouch for production sheets
- Protection switches for all drive motors
- Pushing block
- Rear table cover partial folding, electrical fused
- Remote control – remote monitoring
- Safety bolts for overload protection device
- Side lays, chromium plated
- Tool box
- Turn/swivel back gauge manually adjustable
- Two-hand cut release with inhibition and repetitive cutting
- Variable adjustable clamp pressure
- Wear and tear part set
- Working table light

## Options:

- Carbide-tipped spare knife instead HSS or as spare part
- Cut optimization
- False clamp (flexible, special sizes)
- More powerful fans
- Peripherals: loading, jogging, transporting, buffering, unloading, turning
- Programmable forming pressure adjustment
- Retractable side lay right/left
- Separate air supply front table
- Side tables available in special sizes
- Spare knife HSS



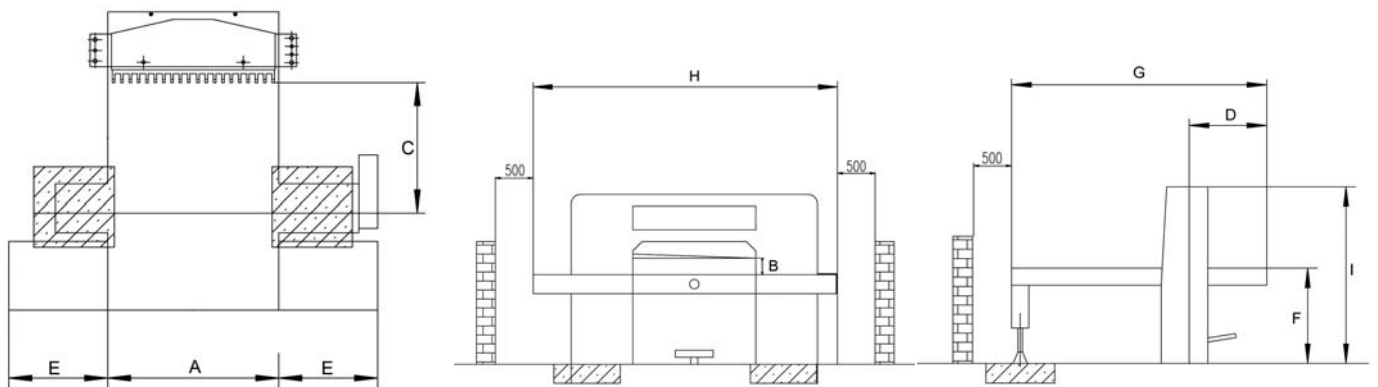
\* The standard equipment might differ in countries without CE-certification



# EUROCUTTER® SP

## Technical data

EUROCUTTER		780	920	1150	1370	1550	1760
A Cutting width	mm	780	920	1150	1370	1550	1760
	inch	30 <sup>3</sup> / <sub>7</sub>	36 <sup>2</sup> / <sub>9</sub>	45 <sup>3</sup> / <sub>7</sub>	54	61	69 <sup>3</sup> / <sub>7</sub>
B Clamp opening	mm	120	130	165	165	165	165
	inch	4 <sup>5</sup> / <sub>7</sub>	5 <sup>1</sup> / <sub>8</sub>	6 <sup>1</sup> / <sub>2</sub>	6 <sup>1</sup> / <sub>2</sub>	6 <sup>1</sup> / <sub>2</sub>	6 <sup>1</sup> / <sub>2</sub>
C Rear table length	mm	780	920	1150	1450	2000	2000
	inch	30 <sup>3</sup> / <sub>7</sub>	36 <sup>2</sup> / <sub>9</sub>	45 <sup>3</sup> / <sub>7</sub>	57	78 <sup>3</sup> / <sub>4</sub>	78 <sup>3</sup> / <sub>4</sub>
D Front table length	mm	690	690	735	735	750	750
	inch	27 <sup>1</sup> / <sub>6</sub>	27 <sup>1</sup> / <sub>6</sub>	29	29	29 <sup>1</sup> / <sub>2</sub>	29 <sup>1</sup> / <sub>2</sub>
E Side tables	mm	600 x 485	750 x 650	1000 x 750	1000 x 750	1000 x 750	1000 x 750
	inch	23 <sup>3</sup> / <sub>8</sub> x 19	29 <sup>1</sup> / <sub>2</sub> x 25 <sup>3</sup> / <sub>5</sub>	39 <sup>3</sup> / <sub>8</sub> x 29 <sup>1</sup> / <sub>2</sub>	39 <sup>3</sup> / <sub>8</sub> x 29 <sup>1</sup> / <sub>2</sub>	39 <sup>3</sup> / <sub>8</sub> x 29 <sup>1</sup> / <sub>2</sub>	39 <sup>3</sup> / <sub>8</sub> x 29 <sup>1</sup> / <sub>2</sub>
F Table height	mm	900	900	900	900	900	900
	inch	35 <sup>3</sup> / <sub>7</sub>	35 <sup>3</sup> / <sub>7</sub>	35 <sup>3</sup> / <sub>7</sub>	35 <sup>3</sup> / <sub>7</sub>	35 <sup>3</sup> / <sub>7</sub>	35 <sup>3</sup> / <sub>7</sub>
G Machine length with side tables	mm	1930	2215	2575	2895	3605	3605
	inch	76	87 <sup>1</sup> / <sub>5</sub>	101 <sup>3</sup> / <sub>8</sub>	114	142	142
H Machine width with side tables	mm	1980	2420	3150	3370	3550	3760
	inch	78	95 <sup>2</sup> / <sub>7</sub>	124	132 <sup>2</sup> / <sub>3</sub>	139 <sup>3</sup> / <sub>4</sub>	148
I Machine height	mm	1540	1560	1650	1650	1730	1730
	inch	60 <sup>5</sup> / <sub>8</sub>	61 <sup>3</sup> / <sub>7</sub>	65	65	68 <sup>1</sup> / <sub>9</sub>	68 <sup>1</sup> / <sub>9</sub>
Continuous knife cycle rate	U/min	45	45	45	45	45	45
Hydraulic pressure	kN	1,5 – 30	1,5-35	1,5-45	1,5-55	1,5-60	1,5-70
Minimum cut without false clamp	mm	20	22	25	25	35	35
	inch	<sup>4</sup> / <sub>5</sub>	<sup>7</sup> / <sub>7</sub>	1	1	1 <sup>1</sup> / <sub>8</sub>	1 <sup>3</sup> / <sub>8</sub>
Minimum cut with false clamp	mm	55	80	90	90	100	120
	inch	2 <sup>1</sup> / <sub>5</sub>	3 <sup>1</sup> / <sub>7</sub>	3 <sup>1</sup> / <sub>2</sub>	3 <sup>1</sup> / <sub>2</sub>	4	4 <sup>3</sup> / <sub>7</sub>
Power consumption	kW	3,0	3,0	4,0	4,0	5,5	7,5
	HP	4,0	4,0	5,5	5,5	7,5	10,0
Weight net.	Kg	1850	2550	3850	4550	5850	6850
	lb	4.080	5.620	8.490	10.030	12.900	15.100



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