

Environmentally friendly. Smart. This is how we do it.



%100 ELECTRIC DRIVE Cost effective

02

USER FRIENDLY TOUCH SCREEN

Ergonomic control

UP TO 50% ENERGY SAVING, LOW CO2 EMISSIONS

Effective in all ways

MORE THAN 30% HIGHER PRODUCTIVITY

Effective production



WPS 31100

BELT & PULLEY SYSTEM Proven system

NO HARMFUL HYDRAULIC OIL Environment friendly

80

NOISELESS OPERATION Operator comfort

FULL WORKING LENGTH BACKGAUGE

Flexibility

WPS "Belt and Pulley Drive System"								
WPS SERIES	15040	20050	26080	31100				
Bending Force	40 tons	50 tons	80 tons	100 tons				
Motor Output (Power)	2x5.5 kW	2x5.5 kW	2x5.5 kW	2x5.5 kW				
Bending Length	1530 mm	2040 mm	2550 mm	3050 mm				
Inside Frames	1790 mm	2300 mm	2810 mm	3350 mm				
Side Frame Width	1850 mm	1850 mm	1850 mm	1850 mm				
Machine Height	2525 mm	2525 mm	2525 mm	2525 mm				
Bed Height	930/(1015*) mm	930/(1015*) mm	930/(1015*) mm	930/(1015*) mm				
Daylight Opening	590/(505*) mm	590/(505*) mm	590/(505*) mm	590/(505*) mm				
Max. Stroke Adjustment	300/(240*) mm	300/(240*) mm	300/(240*) mm	300/(240*) mm				
Table Width	60 mm	60 mm	60 mm	60 mm				
Throat Gap	O Frame	O Frame	O Frame	O Frame				
Approach Speed	170 mm/s	150 mm/s	90 mm/s	75 mm/s				
Working Speed	10/20** mm/s	10/20** mm/s	10/20** mm/s	10/20** mm/s				
Return Speed	170 mm/s	150 mm/s	90 mm/s	75 mm/s				
Approximate Weight	4.800 kg	5.600 kg	6,400 kg	7,200 kg				

All electric. High-speed movement by the ball screw drive



weinbrenner

WPB 13036

BALL SCREW MECHANISM

Proven Mechanism

NO HARMFUL HYDRAULIC OIL Environment friendly

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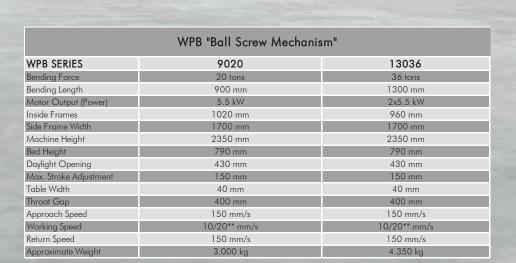
Ergonomic control

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Effective production



EXTREMELY FAST

High speed cutting of steel up to 4.0G acceleration with multiple kW options between 6kW-20kW

02

HIGH PERFORMANCE

Best cutting quality, high accuracy and productivity without compromises on the whole thickness



PROFITABILITY

Low operating costs thanks to energy efficiency and reduced maintenance





Suitable for a wide range of materials, including highly-reflective metals and high thickness mild steel

05

PRODUCTIVITY

Compared with conventional drive systems, high dynamic linear drive increases productivity on thin sheets (+20%)

06

ACCURACY

Excellent cutting quality and dynamics on all materials

WFL					
WFL SERIES					
Working area	1.500 mm x 3.000 mm				
Laser Power	6 kW - 20 kW				
Cutting Head	Precitec ProCutter 2.0 (Optionally ProCutter Zoom 2.0)				
CNC Control Unit	Beckhoff CNC (18.5" TFT-Windows 1)				
Linear motors and Drivers	Beckhoff				
Linear Rails	Bosch Rexroth				
Rapid Traverse	170 m/min.				
Vector Speed	240 m/min.				
Acceleration	4.0 G (40m/s2)				
Absolute Positioning Accuracy	± 0.01 mm				
Repeatability	± 0.01 mm				
Feed Rate	Programmable up to 150 m/min				
Transfer Table Motorized	Motorized - Automatic Exchange				
Max. Load Capacity	1250 kg for Each Table				
Nesting Software	LANTEK Expert Cut II / Metalix AutoNest PRO				
Nozzle Cleaning and Calibration	Automatic				
Fume extractor	Optional				
Bevel Cutting Head	Not Applicable				

Materials	Maximum Cutting Capacities							
	6 kw	8 kw	10 kw	12 kw	15 kw	20 kw		
Mild Steel	25 mm	25 mm	30 mm	35 mm	35 mm	40 mm		
Stainless Steel	20 mm	25 mm	30 mm	35 mm	35 mm	40 mm		
Aluminum	20 mm	25 mm	30 mm	35 mm	35 mm	35 mm		
Copper	8 mm	12 mm	16 mm	20 mm	20 mm	20 mm		
Brass	12 mm	16 mm	16 mm	20 mm	20 mm	25 mm		