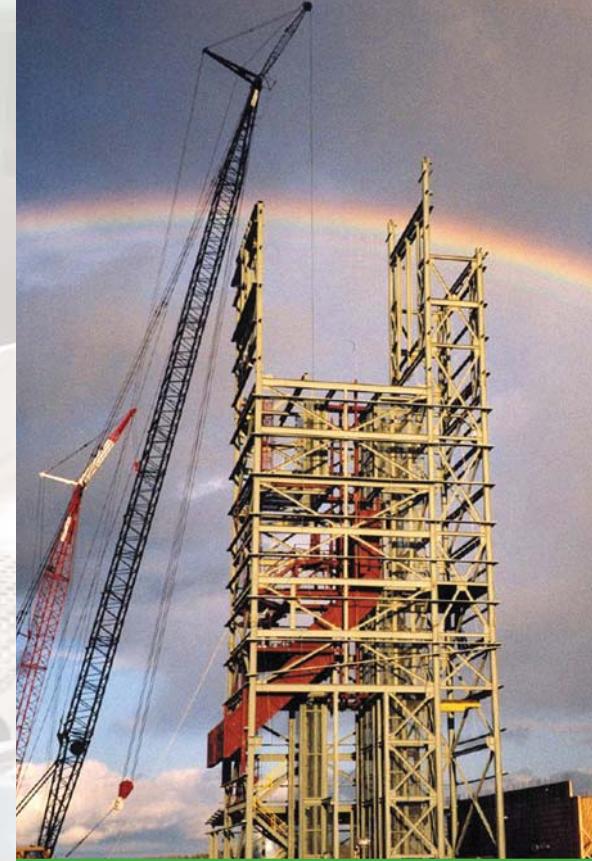


Advantage Drill Line



MULTI-SPINDLE CNC DRILL

Proven design with cutting edge technology provides a 21st century solution for structural steel fabricators.

Steel Burning Systems

Cutoff, weld prep, coping, haunches, beam splitting, compound miters, castellations, miter cuts and more...



Beam Cambering Machines

Induces permanent camber into all structural sections. Available in kit form for easy shipping and assembly.



Anglemasters

Automatic punching, marking and shearing of miscellaneous shapes.



Plate Processing Systems

The most economical solution for the automatic production of plate parts that require punching, drilling, marking, contouring, and cutting-to-length!



Peddinghaus PCD 1100 Machine Specifications

Material Specifications		
Material Sizes U.S. Rolled Shapes	W-Beams	W44 x 290 x 60ft W24 x 279 x 60ft W4 x 13 x 60ft
	C-Shapes	C15 x 50 x 60ft C3 x 6 x 60ft
	MC-Shapes	MC18 x 58 x 60ft MC6 x 12 x 60ft
	L-Shapes	L8 x 8 x 1-1/8 x 60ft L5 x 3 x 1/2 x 60ft L3 x 2 x 3/16 x 60ft
	HSS Tube	HSS20 x 12 x 5/8 x 60ft HSS10 x 10 x 5/8 x 60ft HSS3 x 1 x 1/8 x 60ft
	Plate / Flat Bars	44 x 6 x 20ft 4 x 6 x 60ft 3 x 3/4 x 60ft
Thickness	Minimum	1/8" (3 mm) Based on Shape
	Maximum	18" (460 mm) with Through the Spindle Coolant
Width	Minimum	3" (76 mm)
	Maximum	43.31" (1100 mm)
Length	Minimum	62" (1575 mm)
Length/Weight	Maximum	300 pounds/ft to a maximum weight of 18,000 pounds (8165 kg)
Length of Miter	Maximum	31" (787 mm) with optional X-material switch

Drill Spindle Specifications

Number of Spindles	3 Drill Heads (Y, Z and W) each with a Single Spindle
Tool Holder	#4 Morse Taper with Thru Tool Coolant
Spindle Horse Power	13.5 HP, Dual-range Hydraulic Motor
Spindle Speed (Infinitely variable, Auto. Controlled)	0-900 rpm
Spindle Stroke	13" (330 mm)
Positioning Stroke on both Flange Drills	0" (0 mm) to 18" (457.2 mm)
Positioning Stroke Web	0" (0 mm) to 43.31" (1100 mm)
Drill Rapid Feed	192 ipm (5 mpm)
Variable Feeds (individually for every spindle controlled by CNC)	2-10 ipm (25-300 mm/min)
Maximum Hole Size	1-9/16" (40 mm) Dia.

Structural integrity is more than an engineering term – it's the Peddinghaus way of doing business.

Peddinghaus Corporation
300 North Washington Avenue
Bradley, Illinois 60915
Phone 815-937-3800
Fax 815-937-4003
www.peddinghaus.com

Peddinghaus Corporation U.K. Ltd.
Unit 6
Queensway Link Industrial Estate
Stafford Park 17
Telford, Shropshire TF3 3DN UK
Phone 01952-200377
Fax 01952-292877

Paul F. Peddinghaus GmbH
Hasslinghauser Strasse 156
Postfach 1820
58285 Gevelsberg
Germany
Phone 0 23 32/72 - 0
Fax 0 23 32/72 - 208



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