



BAND SAWS



**PATENTED BAND SAW DESIGNS
FOR SUPERIOR CUTTING PERFORMANCE**



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

DGP MITER SERIES

Patented



The patented portal frame design pivots from above material:

- *Pivots 60 degrees right and left*
- *All chips and coolant are isolated from the saw head assembly*
- *Miter adjustment and operation is achieved in seconds*



Movable material vises insure rigid clamping at the saw blade:

- *Scrap and remnant lengths are virtually eliminated, saving your stock investment*
- *Material stock roller track raises and lowers to provide rigid clamping of the section*
- *All shapes and sizes are easily transported through the machine with driven rollers integrated into your existing handling system*



The ergonomic Siemens-based control unit is powerful...yet operator friendly:

- *Operate this saw from your CNC structural drill console in a true tandem operation*
- *Perform sawing and drilling simultaneously*
- *Electrics and hydraulics are stored safely in the unique portable frame for fast installation and easy maintenance*

Innovation for the 21st Century

Peddinghaus double miter saw design with unique “pivot from above” miter leaves a minimal remnant.

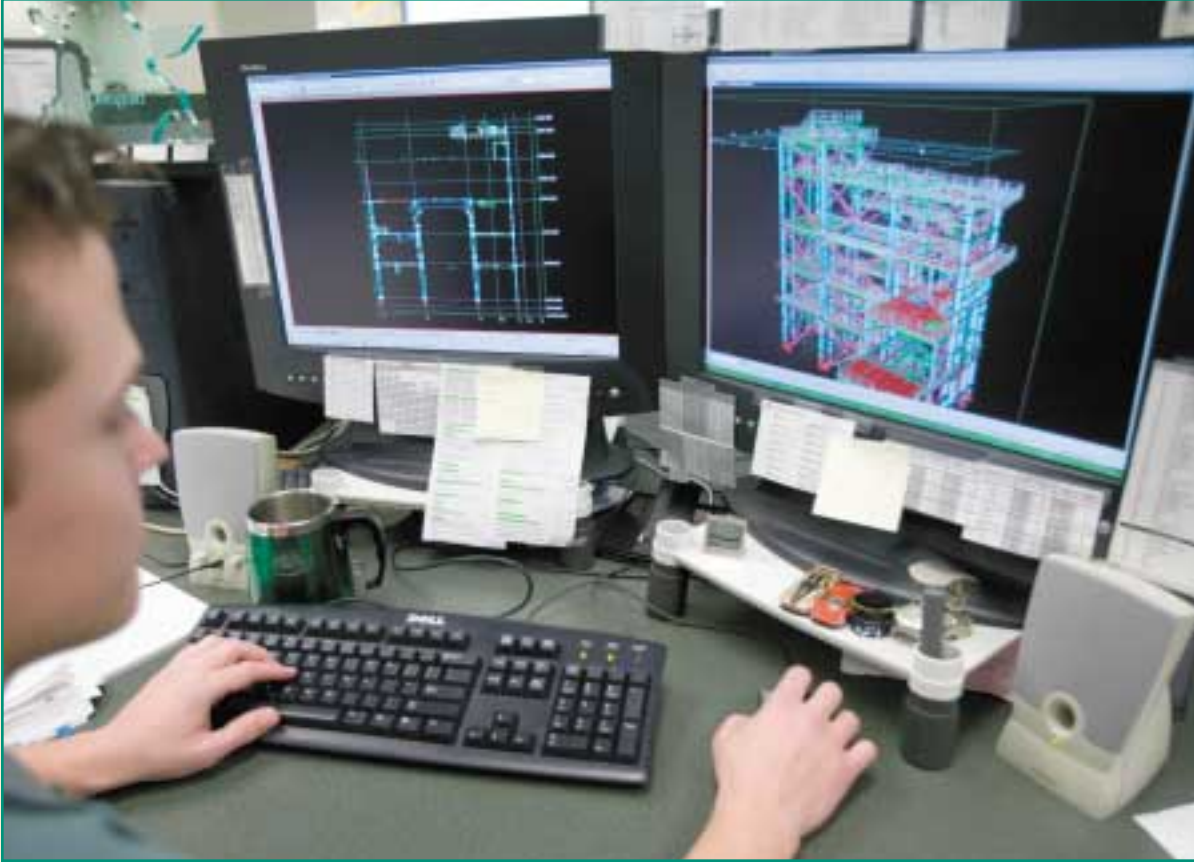


TECHNICAL DATA		Model 620 DPG	Model 1020 DPG	Model 1270 DGP
Cutting Range	90° ● (mm)	410	510	610
	→ (inches)	16.1	20	24
	90° ■ (mm)	620 x 410	1020 x 510	1270 x 610
	→ (inches)	24.4 x 16.1	40.1 x 20	50 x 24
	45° ● (mm)	410	510	610
	→ (inches)	16.1	20	24
	45° ■ (mm)	510 x 410	700 x 510	900 x 610
	→ (inches)	20 x 16.1	27.5 x 20	35 x 24
	30° ● (mm)	330	400	—
	→ (inches)	13	15.7	—
30° ■ (mm)	330 x 410	400 x 510	—	
→ (inches)	13 x 16.1	15.7 x 20	—	
45° ● (mm)	410	510	610	
← (inches)	16.1	20	24	
45° ■ (mm)	510 x 410	700 x 510	890 x 610	
← (inches)	20 x 16.1	27.5 x 20	35 x 24	
30° ● (mm)	350	510	500	
← (inches)	13.7	20	20	
30° ■ (mm)	350 x 410	510 x 510	500 x 610	
← (inches)	13.7 x 16.1	20 x 20	20 x 24	
Cutting Speed		(m/min) 15-150	(m/min) 15-150	(m/min) 15-150
		(ft/min) 50-492	(ft/min) 50-492	(ft/min) 50-492
Drive		(kW) 5.5	(kW) 14.5	(kW) 14.5
		(HP) 7.5	(HP) 20	(HP) 20
Saw Blade		(mm) 5800 x 41 x 1.3	(mm) 9800 x 67 x 1.6	(mm) 9800 x 67 x 1.6
		(inches) 228.3 x 1.6 x .05	(inches) 385.8 x 2.6 x .06	(inches) 385.8 x 2.6 x .06
Length of Remaining Piece		(mm) 30	(mm) 30	(mm) 30
		(inches) 1.2	(inches) 1.2	(inches) 1.2
Dimensions (LxWxH)		(mm) 2700 x 3700 x 2500	(mm) 4500 x 3700 x 2500	(mm) 3650 x 5800 x 3000
		(inches) 106.3 x 145.7 x 98.4	(inches) 177.2 x 145.7 x 98.4	(inches) 143.7 x 228.3 x 118.1
Pass-Line		(mm) 630	(mm) 630	(mm) 630
		(inches) 24.8	(inches) 24.8	(inches) 24.8
Weight Net Approx.		(kg) 3050	(kg) 5037	(kg) 9000
		(lbs) 6,725	(lbs) 11,105	(lbs) 19,845

A powerful 20HP motor in perfect synchronization with an A/C inverter and auto feed mechanism removes the most material in the shortest time...guaranteeing fast, accurate cuts.

510 MODEL BAND SAWS

The



Structural steel design-build projects become more profitable with a Peddinghaus CNC Sawing System.



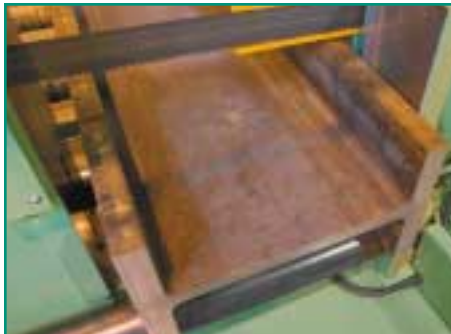
Massive 20 HP motor powers a 2-5/8" x .0063" thick blade for exceptional cutting times on every structural shape and size.



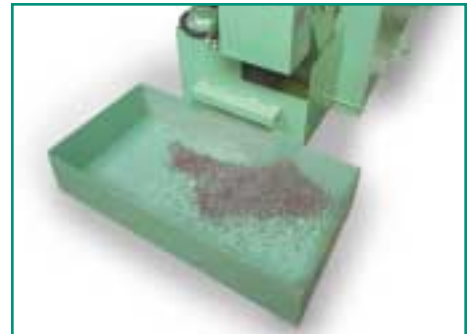
The Peddinghaus auto feed insures consistent feed and speed rates on all materials and cross sections.



Material is rigidly clamped...yet easily transported with a unique lifting and lowering bed mechanism.



The laser light guide facilitates the blade alignment to an existing measurement location.



Chip collection and coolant residue are easily contained for recycling.

Benchmark for Sawing Structural Steel

Today's band sawing technology for fast, accurate sawing with superior finish quality.



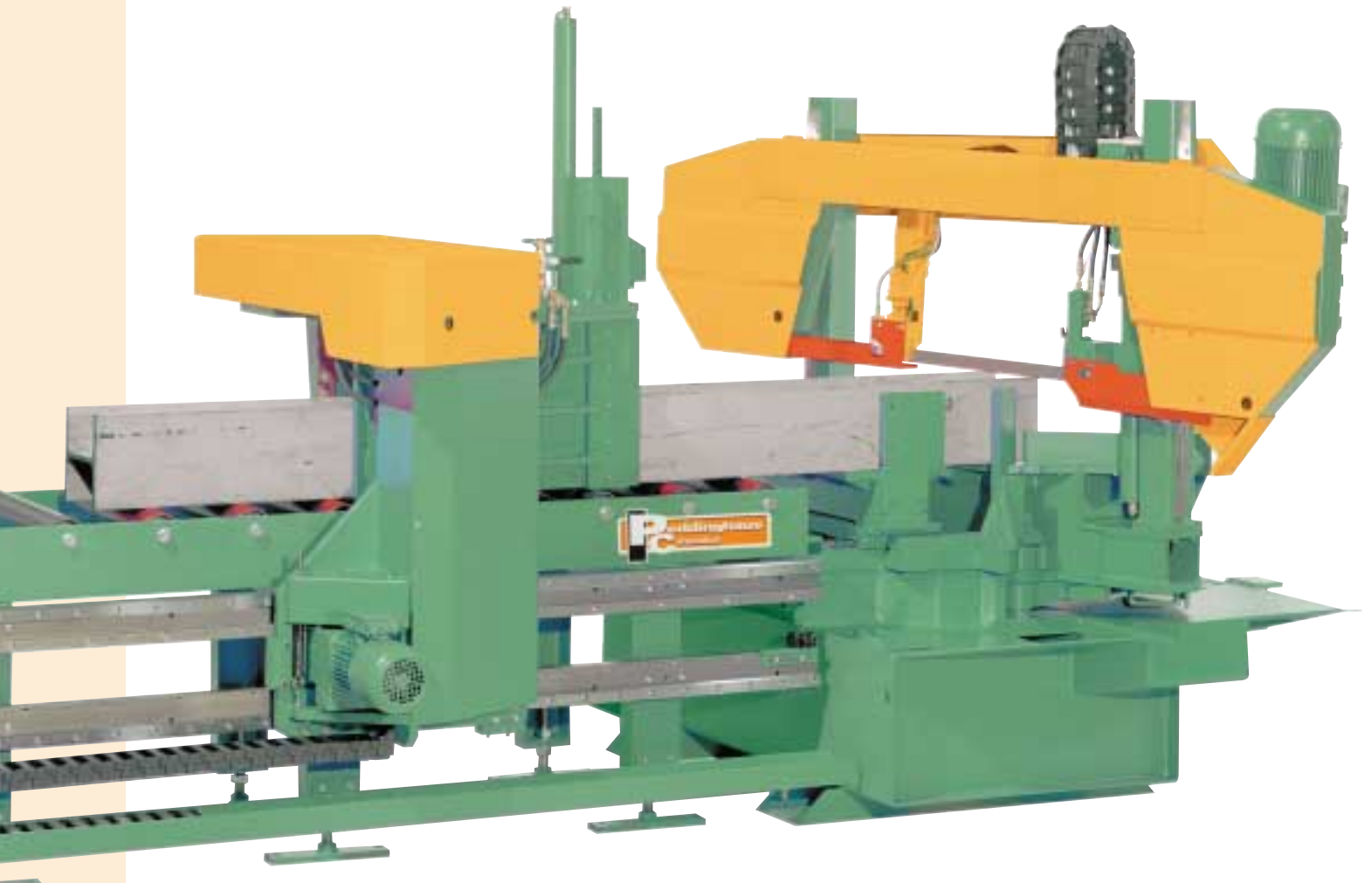
TECHNICAL DATA		Model 800 - 510	Model 1140 - 510	Model 1250 - 510
Cutting Range	● (mm) (inches)	510 20	510 20	510 20
	■ (mm) (inches)	800 x 510 31.4 x 20	1140 x 510 44.8 x 20	1250 x 510 49.2 x 20
Cutting Speed	(m/min) (ft/min)	15-150 50-492	15-150 50-492	15-150 50-492
Drive	(kW) (HP)	14.5 20	14.5 20	14.5 20
Saw Blade	(mm) (inches)	9000 x 67 x 1.6 354.3 x 2.6 x .06	9800 x 67 x 1.6 385.8 x 2.6 x .06	9800 x 67 x 1.6 385.8 x 2.6 x .06
Length of Remaining Piece (Manual)	(mm) (inches)	30 1.2	30 1.2	30 1.2
Dimensions (LxWxH)	(mm) (inches)	950 x 4250 x 2600 37.4 x 167.3 x 102.4	950 x 4650 x 2600 37.4 x 183.0 x 102.4	950 x 4650 x 2600 37.4 x 183.0 x 102.4
Pass-Line	(mm) (inches)	630 24.8	630 24.8	630 24.8
Weight Net Approx.	(kg) (lbs)	4300 9,480	4600 10,145	4650 10,255
Option NC-Infeed				
Material Infeed Single	(mm) (inches)	0-2000 / 3000... 0-79 / 118...	0-2000 / 3000... 0-79 / 118...	0-2000 / 3000... 0-79 / 118...
Length of Remaining Piece (Automatic)	(mm) (inches)	250 10	250 10	250 10
Dimensions (LxWxH)	(mm) (inches)	3950 / 4950... x 4250 x 2600 155.5 / 195... x 167.3 x 102.4	3950 / 4950... x 4650 x 2600 155.5 / 195... x 183.0 x 102.4	3950 / 4950... x 4650 x 2600 155.5 / 195... x 183.0 x 102.4

335 SERIES BAND SAWS

Manufacturing, Service



These models feature automated options to customize a machine for your specific application including automatic infeed systems for a labor-saving solution to your sawing requirements.



Economical Saving Solutions for Centers and Miscellaneous Applications



The optional bundle cutting system is ideal for solid material as well as thin walled tubes.



The rigid clamp enables round stock or pipe to be clamped securely for accurate cutting.



The powerful infeed drive motor insures efficient feeding of heavy or oversized material.

TECHNICAL DATA		Model 335 A	Model 335 G	Model 335 GA	Model 335 DG	Model 335 DGA
Cutting Range	90° ● (mm) → (inches)	335 13.19	335 13.19	335 13.19	335 13.19	335 13.19
	90° ■ (mm) → (inches)	500 x 335 19.69 x 13.19	500 x 335 19.69 x 13.19	500 x 335 19.69 x 13.19	500 x 335 19.69 x 13.19	500 x 335 19.69 x 13.19
	45° ● (mm) → (inches)	—	330 13.00	330 13.00	330 13.00	330 13.00
	45° ■ (mm) → (inches)	—	320 x 335 12.60 x 13.19	320 x 335 12.60 x 13.19	320 x 335 12.60 x 13.19	320 x 335 12.60 x 13.19
	30° ● (mm) → (inches)	—	200 7.87	200 7.87	180 7.09	180 7.09
	30° ■ (mm) → (inches)	—	200 x 335 7.87 x 13.19	200 x 335 7.87 x 13.19	170 x 335 6.69 x 13.19	170 x 335 6.69 x 13.19
	45° ● (mm) ← (inches)	—	—	—	305 12.00	305 12.00
	45° ■ (mm) ← (inches)	—	—	—	305 x 335 12.00 x 13.19	305 x 335 12.00 x 13.19
Cutting Speed	(m/min)	15-151	15-151	15-151	15-151	15-151
	(ft/min)	50-495	50-495	50-495	50-495	50-495
Drive	(kW)	2.2	2.2	2.2	2.2	2.2
	(HP)	3	3	3	3	3
Saw Blade	(mm)	4400 x 34 x 1.1	4400 x 34 x 1.1	4400 x 34 x 1.1	4400 x 34 x 1.1	4400 x 34 x 1.1
	(inches)	173.23 x 1.34 x .04	173.23 x 1.34 x .04	173.23 x 1.34 x .04	173.23 x 1.34 x .04	173.23 x 1.34 x .04
Material Feed Length	(mm)	0-600 / 0-6000	—	0-600 / 0-6000	—	0-600 / 0-9999
	(inches)	0-23.62 / 0-236.22	—	0-23.62 / 0-236.22	—	0-23.62 / 0-393.66
Length of Remaining Piece	(mm)	70 / 110	15	70 / 110	70	70-300
	(inches)	2.75 / 4.33	.59	2.75 / 4.33	2.75	2.75-11.81
Bundle Climbing W/H	(mm)	0-500 x 15-335	0-500 x 15-335	0-500 x 15-335	0-300 x 5-300	0-300 x 5-300
	(inches)	0-19.69 x .59-13.19	0-19.69 x .59-13.19	0-19.69 x .59-13.19	0-300 x .20-11.81	0-300 x .20-11.81
Dimensions (LxWxH)	(mm)	2230 x 2350 x 1900	1250 x 2350 x 1900	2230 x 2350 x 1900	1450 x 2350 x 1900	2680 x 2350 x 1900
	(inches)	87.80 x 92.52 x 74.8	49.21 x 92.52 x 74.8	87.80 x 92.52 x 74.8	57.09 x 92.52 x 74.8	105.51 x 92.52 x 74.8
Working Height	(mm)	750	750	750	750	750
	(inches)	29.53	29.53	29.53	29.53	29.53
Weight Net Approx.	(kg)	1550	1020	1510	1320	1980
	(lbs)	3,417	2,249	3,329	2,910	4,365

560 MITER SERIES

The 560 is ideally suited for tandem operation with a drilling machine or in free standing operation in a manufacturing, steel warehousing, or fabrication shop environment.



TECHNICAL DATA			Model 560G-700	Model 650G-700	Model 560G-1000	Model 650G-1000
Cutting Range	90° ●	(mm) (inches)	560 22.40	650 25.59	560 22.40	600 23.62
	90° ■	(mm) (inches)	700 x 560 27.56 x 22.40	700 x 600 27.56 x 23.62	1000 x 560 39.37 x 22.40	1000 x 600 39.37 x 23.62
	45° ●	(mm) (inches)	540 21.26	540 21.26	560 22.40	600 23.62
	45° ■	(mm) (inches)	540 x 560 21.26 x 22.40	540 x 600 21.26 x 23.62	700 x 560 27.56 x 22.40	700 x 600 27.56 x 23.62
	30° ●	(mm) (inches)	280 11.02	280 11.02	400 15.7	400 15.7
	30° ■	(mm) (inches)	280 x 560 11.02	280 x 600 11.02	400 x 560 15.75	400 x 600 15.75
Cutting Speed		(m/min) (ft/min)	18-95 59-312	18-95 59-312	18-95 59-312	18-95 59-312
Drive		(kW) (HP)	7.5 10	7.5 10	7.5 10	7.5 10
Saw Blade		(mm) (inches)	8500 x 54 x 1.6 334.65 x 2.12 x .06	8500 x 54 x 1.6 334.65 x 2.12 x .06	9300 x 54 x 1.6 366.14 x 2.12 x .06	9300 x 54 x 1.6 366.14 x 2.12 x .06
Bundle Clamping (W/H)		(mm) (inches)	0-700 / 20-650 0-27.56 / .79-25.59	0-700 / 20-650 0-27.56 / .79-25.59	0-1000 / 20-560 0-39.37 / .79-22.05	0-1000 / 20-650 0-39.37 / .79-25.59
Dimensions (LxWxH)		(mm) (inches)	1900 x 4000 x 2700 74.8 x 157.5 x 106.3	1900 x 4000 x 2950 74.8 x 157.5 x 116.14	2100 x 4400 x 2800 82.7 x 173.23 x 110.24	2400 x 4400 x 3000 94.5 x 173.23 x 118.11
Working Height		(mm) (inches)	750 29.53	750 29.53	850 33.46	850 33.46
Weight Net Approx.		(kg) (lbs)	4610 10,163	4920 10,847	5420 11,949	5780 12,743
Automatic Models						
Material Feed Length		(mm) (inches)	0-600 / 0-6000 0-23.62 / 0-236.22	0-600 / 0-6000 0-23.62 / 0-236.22	0-600 / 0-6000 0-23.62 / 0-236.22	0-600 / 0-6000 0-23.62 / 0-236.22
Dimensions		(mm) (inches)	3200 x 4000 x 2700 125.98 x 157.48 x 106.30	3200 x 4000 x 2950 125.98 x 157.48 x 116.14	3300 x 4400 x 2800 129.92 x 173.23 x 110.24	3300 x 4400 x 3000 129.92 x 173.23 x 118.11
Weight Net Approx.		(kg) (lbs)	5530 12,192	5840 12,875	6470 14,264	6780 14,947

Versatility, Accuracy, Productivity



TECHNICAL DATA		Model 560DG-700	Model 650DG-700	Model 560DG-1000	Model 650DG-1000
Cutting Range	90° ● (mm)	560	650	560	600
	→ (inches)	22.05	25.59	22.05	23.62
	90° ■ (mm)	700 x 560	700 x 600	1000 x 560	1000 x 600
	→ (inches)	27.56 x 22.05	27.56 x 23.62	39.37 x 22.05	39.37 x 23.62
	45° ● (mm)	540	540	560	600
	→ (inches)	21.26	21.26	22.05	23.62
	45° ■ (mm)	540 x 560	540 x 600	700 x 560	700 x 600
	→ (inches)	21.26 x 22.05	21.26 x 23.62	27.56 x 22.05	27.56 x 23.62
30° ● (mm)	→ (inches)	280	280	400	400
	→ (inches)	11.02	11.02	15.75	15.75
30° ■ (mm)	→ (inches)	280 x 560	280 x 600	400 x 560	400 x 600
	→ (inches)	11.02 x 22.05	11.02 x 23.62	15.75 x 22.05	15.75 x 23.62
45° ● (mm)	← (inches)	560	580	560	600
	← (inches)	22.05	22.83	22.05	23.62
45° ■ (mm)	← (inches)	580 x 560	580 x 600	700 x 560	580 x 600
	← (inches)	22.83 x 22.05	22.83 x 23.62	27.56 x 22.05	22.83 x 23.62
Cutting Speed	(m/min)	18-95	18-95	18-95	18-95
	(ft/min)	59-312	59-312	59-312	59-312
Drive	(kW)	7.5	7.5	7.5	7.5
	(HP)	10	10	10	10
Saw Blade	(mm)	8500 x 54 x 1.6	8500 x 54 x 1.6	9300 x 54 x 1.6	8500 x 54 x 1.6
	(inches)	334.65 x 2.12 x .06	334.65 x 2.12 x .06	366.14 x 2.12 x .06	334.65 x 2.12 x .06
Bundle clamping (W/H)	(mm)	0-700 / 20-560	0-700 / 20-650	0-1000 / 20-650	0-700 / 20-650
	(inches)	0-27.56 / .79-22.05	0-27.56 / .79-25.59	0-39.37 / .79-25.59	0-27.56 / .79-25.59
Dimensions (LxWxH)	(mm)	3100 x 4000 x 2700	3100 x 4000 x 2950	3300 x 4400 x 3000	4450 x 4000 x 3000
	(inches)	122.05 x 157.48 x 106.30	122.05 x 157.48 x 116.14	129.98 x 173.23 x 118.11	175.20 x 157.48 x 118.11
Working Height	(mm)	750	750	850	750
	(inches)	29.53	29.53	33.46	29.53
Weight Net Approx.	(kg)	4820	5130	6360	6680
	(lbs)	10,626	11,310	14,021	14,727
Automatic Models					
Material Feed Length	(mm)	0-1000 / 0-9999	-	0-1000 / 0-9999	0-1000 / 0-9999
	(inches)	0-39.37 / 0-393.66	-	0-39.37 / 0-393.66	0-39.37 / 0-393.66
Dimensions (LxWxH)	(mm)	4250 x 4400 x 2700	4450 x 4000 x 3000	4350 x 4400 x 2800	4350 x 4400 x 3000
	(inches)	167.32 x 173.23 x 106.30	175.20 x 173.23 x 118.11	171.26 x 173.23 x 110.20	171.26 x 173.23 x 118.11
Weight Net Approx.	(kg)	6350	6680	7150	7462
	(lbs)	14,000	14,727	15,763	16,446

*Regardless of size or shape,
Peddinghaus Band Saws simply
removes the most material.*

MATERIAL HANDLING SYSTEMS &

The True Key To Your



Peddinghaus has designed and manufactured material handling systems for structural steel shop installations for the past five decades. A cost-effective shop layout can be custom designed for your specific tonnage needs... now and in the future.

The newly designed Saw Accumeasure from Peddinghaus provides fast, accurate measuring without compromising your material flow. Siemens electronic technology insures simple operation and years of productive service.



Accumeasure Signoscript carbide part marking system provides fast identification regardless of height, width or depth.



NEW SAW ACCUMEASURE

Productivity

Modular conveyor and quiet glide transfer systems by Peddinghaus fit any shop environment.



Only Peddinghaus provides material handling flexibility to easily transfer sections to work stations located to the left, right, or down the center.

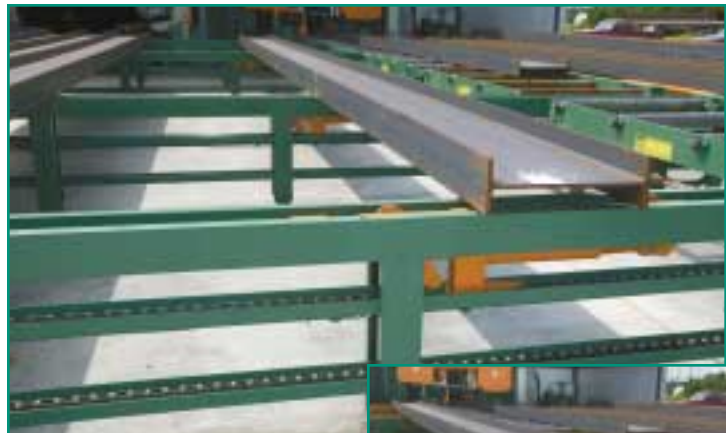


Load outside or in the yard with crane or fork truck.



Roller feed provides these benefits over measuring carriage systems:

- *Flexible material flow*
- *Reduced maintenance*
- *No lost cycle time to clamp and unclamp*
- *Continual processing speed*
- *No problems with coped or cambered sections*



The unique quiet glide carriage assembly selects the section needed.



Various section sizes and shapes are stored and easily selected to maximize productivity per job.

Peddinghaus customers always remain competitive as they regularly achieve the lowest floor-to-floor process times in the business.

STEEL BURNING SYSTEMS

Cutoff, Weld Prep,
Coping, Haunches,
Beam Splitting,
Compound Miters,
Castellations, Miter
Cuts and
More...



STRUCTURAL DRILLING MACHINES

Simplicity, superior design,
and machine productivity
have led the Peddimat drill
lines by Peddinghaus to
become the industry
standard of structural steel
fabricators throughout the
world with over 1,100
installations.



BEAM CAMBERING MACHINES

Induces permanent camber into all structural sections.



Available in kit form for easy
shipping and assembly.

PLATE PROCESSING SYSTEMS

The Most Economical Solution for the Automatic Production of Plate Parts
that Require Punching, Drilling,
Marking, Contouring, and
Cutting-to-
Length!



ANGLEMASTERS

Automatic Punching, Marking & Shearing
of Miscellaneous Shapes.



STEELWORKERS

Peddinghaus Steelworkers have set the
international standard for excellence. The
foundation of any fabrication or maintenance
shop, Peddinghaus offers a model perfectly
suited for your application.



Established in 1903, Peddinghaus has been instrumental in providing quality equipment for virtually every major construction project in the world. As the industry leader in innovative technology for structural steel and heavy plate fabrication, Peddinghaus stands ready to serve our industry partners.

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



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ISO 9001:2000
Certified



Dedicated to progress, individual machine specifications are available at www.peddinghaus.com

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