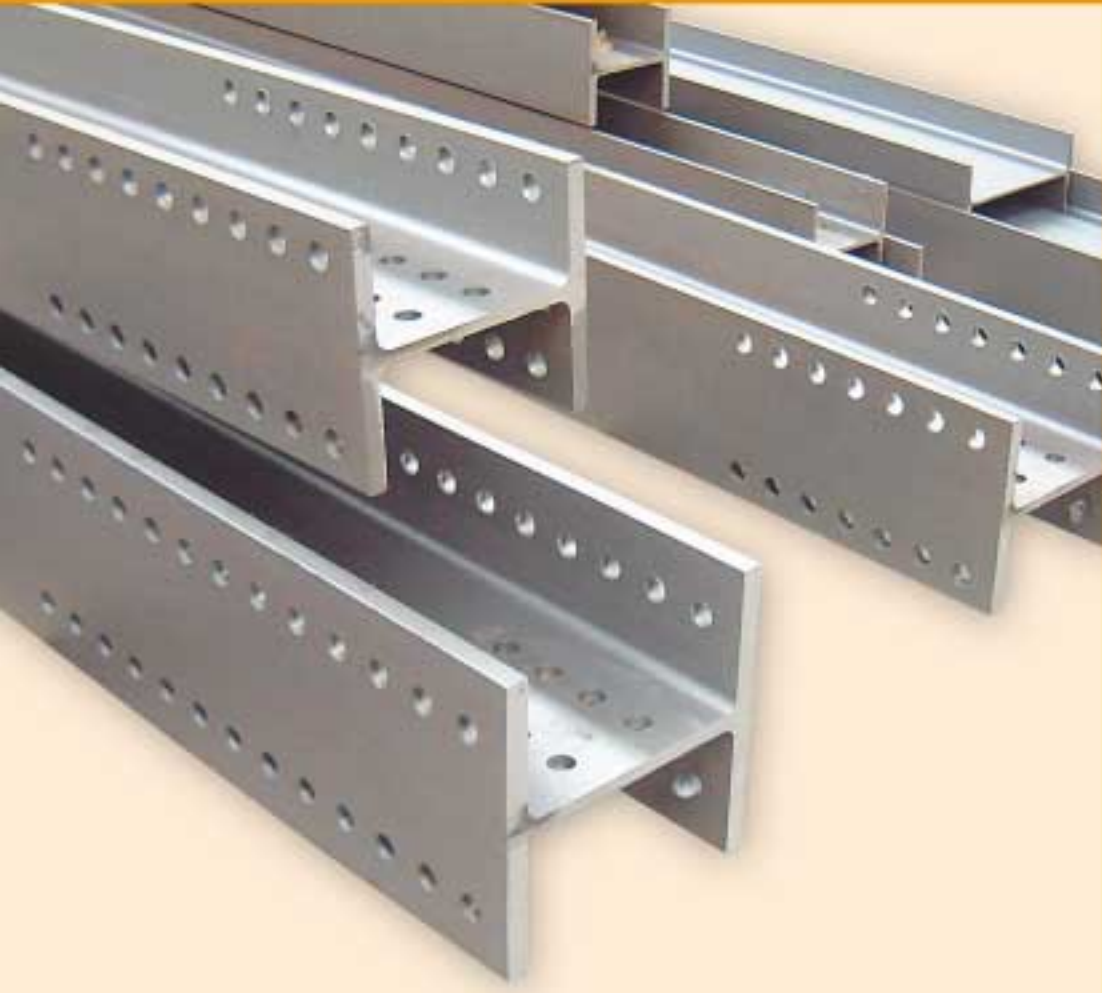




DRILL SYSTEMS

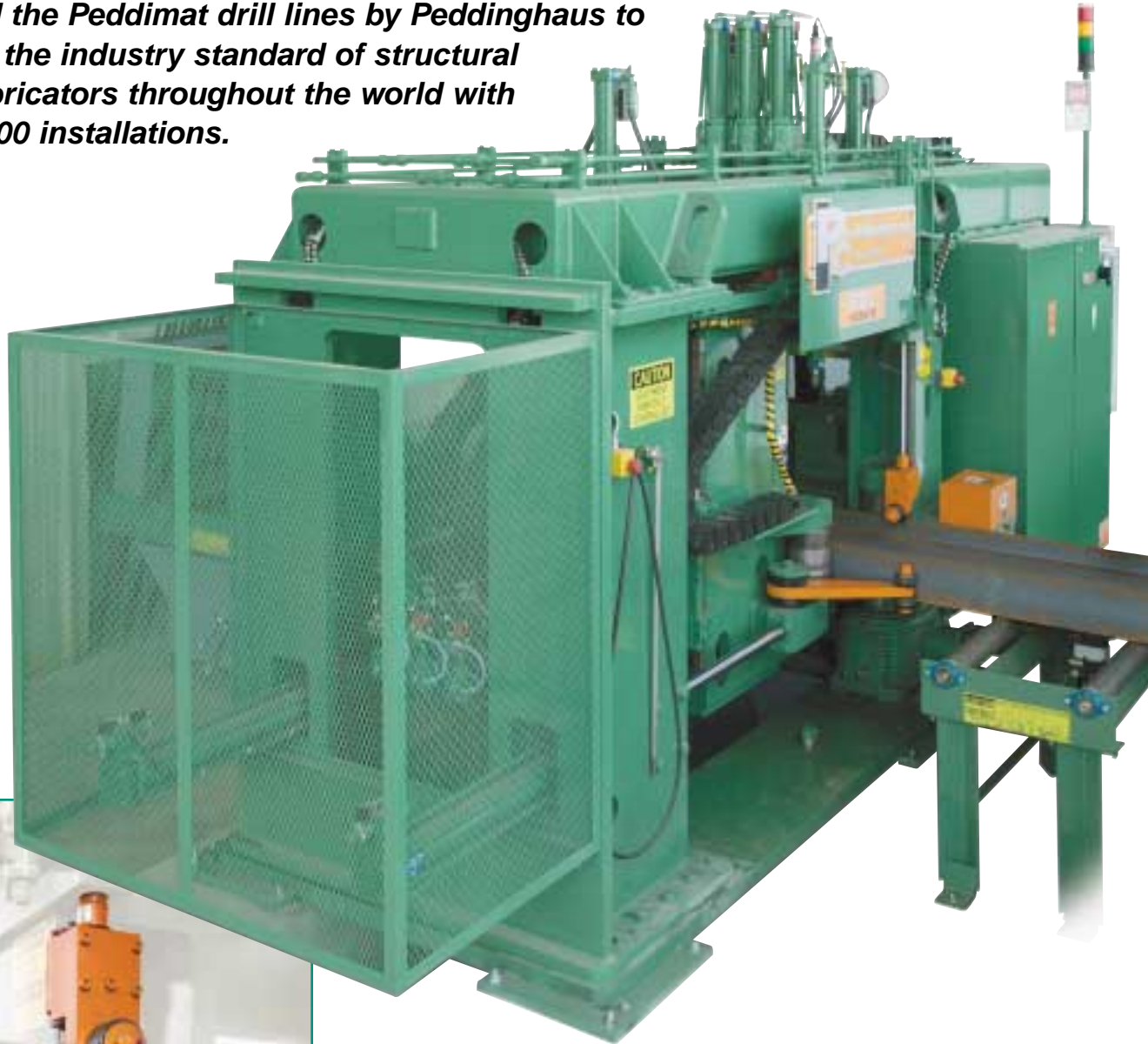
FOR
STRUCTURAL
STEEL
FABRICATION



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

PEDDIMAT DRILLS

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.



Precision rails reduce maintenance costs by housing positional feedback devices that insure accurate hole locations.



The robust gearbox design of the BDL drills provide crisp positioning accuracy for the heaviest rolled or fabricated sections to the lightest structural members.



The integrated Signo Script Marking system employs a carbide mill cutter, which provides legible part identification regardless of depth, height, or part number orientation.



Peddinghaus provides spindle induced air mist drill cooling which eliminates expensive flood coolant clean up. This process saves tooling costs, and expedites welding and painting operations.



Peddinghaus pioneered the efficient electronic integration of all major structural steel software programs, including DSTV. Whether estimating or processing, Peddinghaus always provides your competitive edge.



The powerful, yet simplistic CNC control unit is the quality standard for reliability.



The Industry Benchmark Since 1971

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.

An integrated Material Handling System from Peddinghaus enables sections to be loaded from both sides of the infeed conveyor via crane or fork truck.



Drill/Saw tandem installations save precious shop space and manpower.



A special thanks to our customers – located on three continents – for opening their doors to photograph this equipment.

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

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

CNC DRILLS

The compact and economical CNC BDL 760/3 drill is a value with dramatic payback possibilities for small- to medium-sized fabricators as a principal line or as a secondary line for larger shops.



A minimal investment for maximum productivity... the Peddinghaus BDL 760/3 fabricating cell reduces material handling, decreases labor costs, and saves precious shop floor space.

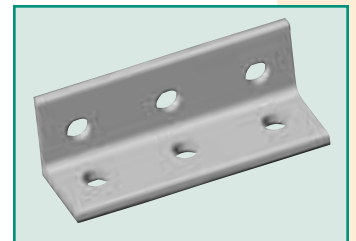
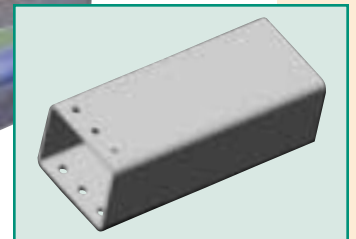
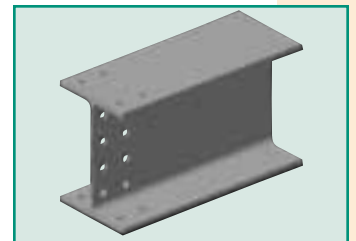
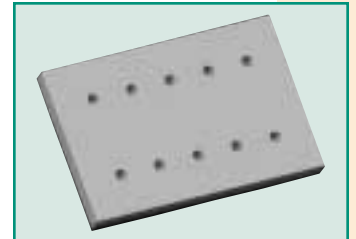
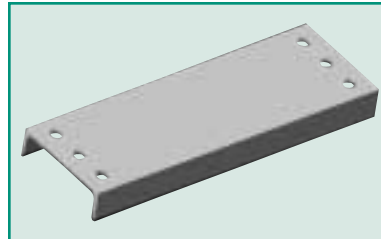
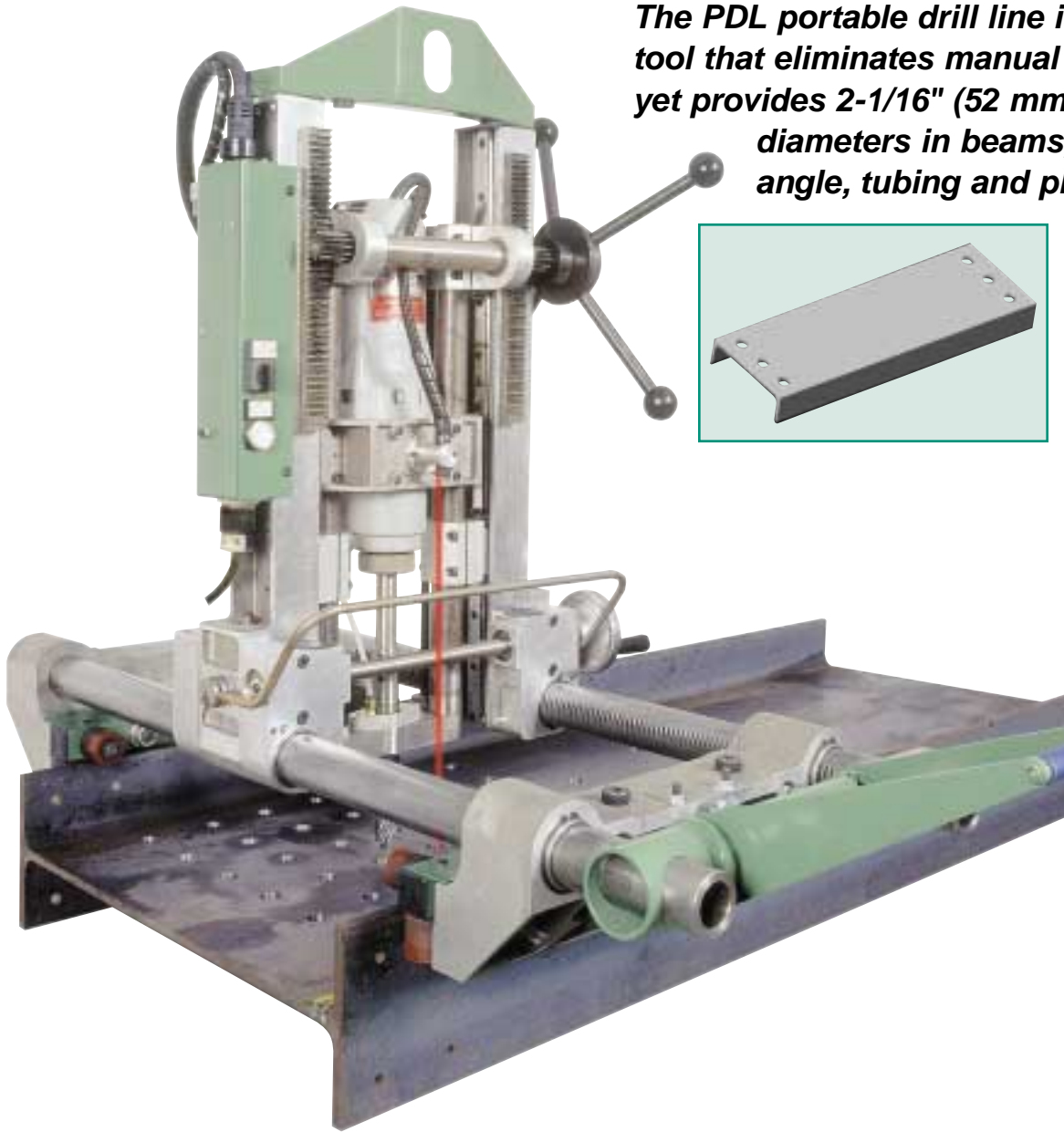
PEDDIMAT DRILL SPECIFICATIONS

	BDL-760/3	BDL-1000/9	BDL-1250/3	BDL-1250/9
Maximum Beam Width	30" (760 mm)	40" (1000 mm)	50" (1250 mm)	50" (1250 mm)
Maximum Flange Height	16" (400 mm)	24" (610 mm)	24" (610 mm)	24" (610 mm)
Spindle Advance/Retract Speed	20 fpm (6 mpm)	20 fpm (6 mpm)	20 fpm (6 mpm)	20 fpm (6 mpm)
Spindle Sensing	Automatic	Automatic	Automatic	Automatic
Number of Drill Spindles	3	3 or 9	3	9
Infinitely Variable Spindle Speed	Yes	Yes	Yes	Yes
Programmable Feed Rate	Yes	Yes	Yes	Yes
Spindle Traversing Speed	33 fpm (10 mpm)	66 fpm (20 mpm)	66 fpm (20 mpm)	66 fpm (20 mpm)
Material Positioning Speed	130 fpm (40 mpm)	130 fpm (40 mpm)	130 fpm (40 mpm)	130 fpm (40 mpm)
Maximum Diameter	1-1/4" (32 mm)	2" (50 mm)	2" (50 mm)	2" (50 mm)
Maximum Part Weight	13,228 lbs. (6,000 kg)	43,800 lbs. (19,867 kg)	43,800 lbs. (19,867 kg)	43,800 lbs. (19,867 kg)

All specifications subject to change without notice.

PORTABLE DRILLS

The PDL portable drill line is the one tool that eliminates manual layout, and yet provides 2-1/16" (52 mm) hole diameters in beams, channel, angle, tubing and plate.



SPECIFICATIONS

- Quick-Action Clamping and Positioning Eliminates "Hands On" Layout
- Beam Capacities: 24" (610 mm), 36" (915 mm) and 60" (1524 mm) Widths
- "Bright-Line" Generating Laser for Longitudinal Scale Measuring ("X" Axis)
- Deep-Engraved Inch Scale for Cross Measuring ("Y" Axis) Metric Optional
- Easy Adjustment for Cross Beam Positioning ("Y" Axis)
- Tapping up to 1" (25 mm) for Fine and Course Threading
- Compatible with Annular Style Cutter, Morse Taper #3 Twist Drills or Jacobs Chuck for Twist Drills for Dimensions up to 2-1/16" (52 mm)



STEEL BURNING SYSTEMS

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

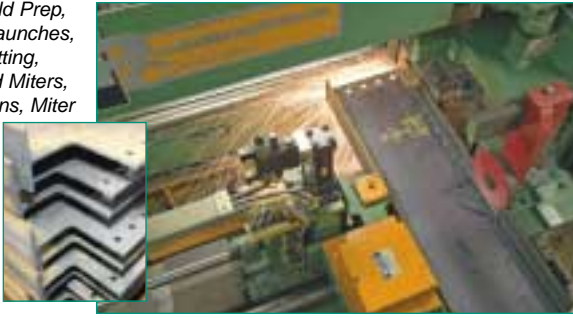


PLATE PUNCHING SYSTEMS

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



PLATE DRILLING SYSTEMS

The Most Economical Solution for
the Automatic Production of Plate
Components that Require
Drilling,
Marking and
Contouring!



BAND SAWS

Peddinghaus has pioneered
the development of band
sawing technology for
structural steel sections.



ANGLEMASTERS

Automatic Punching, Marking & Shearing
of Miscellaneous Shapes.



BEAM CAMBERING MACHINES

Induces permanent camber into all structural sections.



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.



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



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