

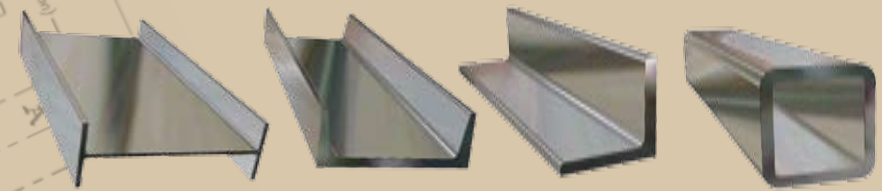


NO MATTER THE STRUCTURAL APPLICATION, PEDDINGHAUS IS YOUR CONNECTION FOR PRODUCTIVE PROFITS



AUTOMATED STRUCTURAL BURNING SYSTEM

**The Peddinghaus
ABCM 1250/3**



MACHINE SPECIFICATIONS		
	Metric	Inch
Maximum Width Beam	1250 mm	50"
Minimum Width Beam	75 mm	3"
Maximum Flange Height	610 mm	24"
Maximum Material (Flange or Web) Thickness	150 mm	6"
Minimum Material Thickness	6 mm	1/4"

DON'T MISS THIS WINNING COMBINATION



DG 1270 MITER BAND SAW

BDL 1250 DRILL LINE



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

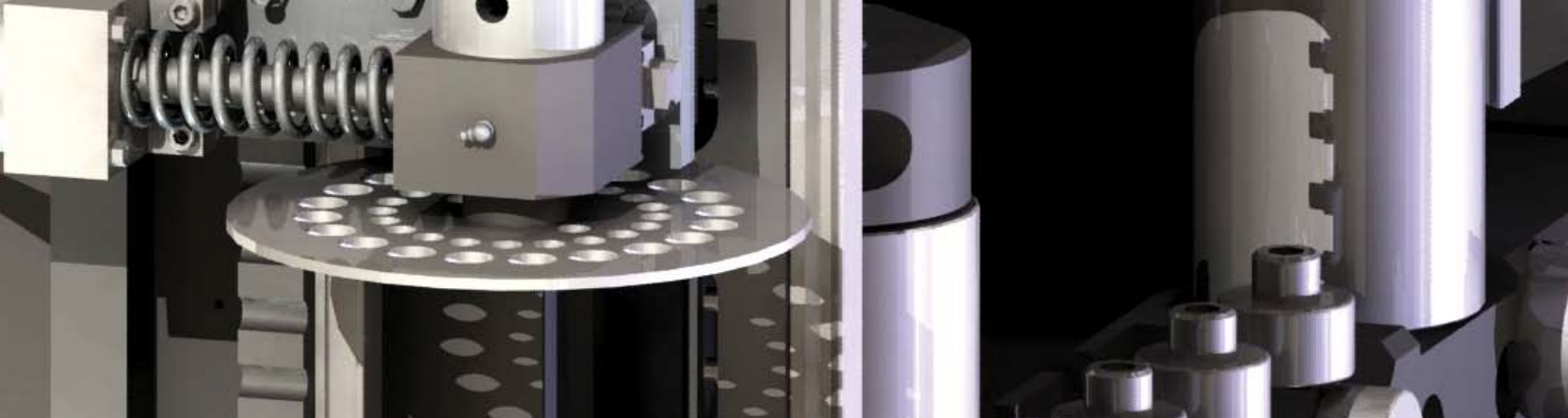
Peddinghaus Corporation U. K. Limited
 Unit 6 Queensway Link Industrial Estate
 Stafford Park 17
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*Steel Fabricators Worldwide Depend on
The Power of Peddinghaus for an
 Automated Solution for Complex Structural
 Burning/Coping Requirements*



Fabricators throughout the world are selecting the Peddinghaus CNC Structural Burning System to increase their plant efficiency. In the competitive world of structural steel fabrication, reduction of man-hours per ton is the ultimate challenge.

Our customers acknowledge the vast benefits of using a Peddinghaus CNC Burning System.

Robust Engineering Delivers Precise Productivity

PEDDINGHAUS' PATENTED ROLLER FEED MEASURING



Delivering pinpoint accuracy for 35 years while limiting overhead crane costs

The measuring disks located on the entry/exit compare the programmed lineal dimension to the actual position, insuring accuracy

Challenging beam processes such as haunches, compound miters, castellations, and beam splitting are easily addressed by the internal Peddimat drive system



THERMAL CUTTING EXTENDS YOUR SAW CUTTING CAPABILITY

Automated roller measuring enables the ABCM 1250 to separate beam lengths quickly and efficiently

Miter cuts for trusses and roofs achieved in minutes, not hours



MATERIAL HANDLING FLEXIBILITY



Load outdoors in any climate.

Transfer your section to the right, left, or center conveyor line –without touching a crane

Grow your system the modular way with Peddinghaus material handling: a minimum investment leads to maximum output



PATENTED PROBING SYSTEM RAPIDLY IDENTIFIES – AND ADAPTS - TO MILL TOLERANCE DEVIATIONS



Patented Probing System automatically senses mill tolerance deviations and compensates without special programming considerations

Each flange torch assembly floats automatically during the burning cycle to maintain a fixed dimension from the torch tip to the surface being cut

Probing flange center line: necessary for automated flange thinning

Camber Before You Cope: Probe design lends itself to cambered sections – never halting production

RUNNING MULTIPLE SECTIONS FROM STOCK LENGTHS MULTIPLIES YOUR PRODUCTION



Process multiple beams from one stock length by simultaneous coping/cutting of trailing end/lead end

Effective multiple processing extends your inventory by generating less scrap and enhances just-in-time operation

SIMULTANEOUS BURNING OF PROFILE FLANGES MAXIMIZES EFFICIENCY



Multiple Axis positioning permits top and bottom flanges to be cut simultaneously

Flange Beveling for weld prep is easily achieved with automated pivoting of the torches to the programmed miter position



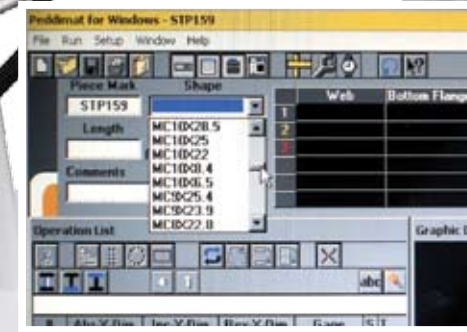
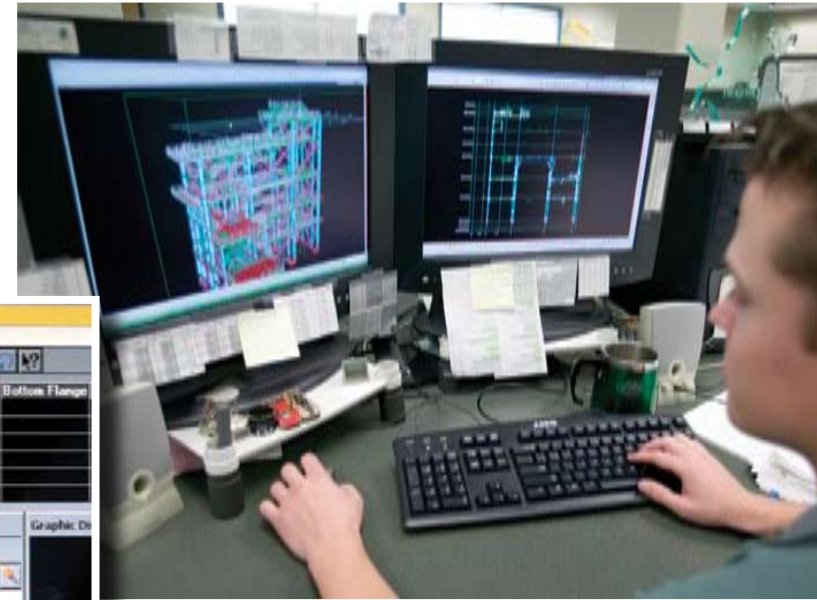


THERMALLY PROCESS ALL INTERIOR MECHANICAL WEB CUTS AND HOLES



SIEMENS CONTROL & PEDDIMAT SOFTWARE

Robust and simple Siemens 840 Di control is the unsurpassed global leader for machine tool technology - a CNC control with PC power for fast BIM integration.

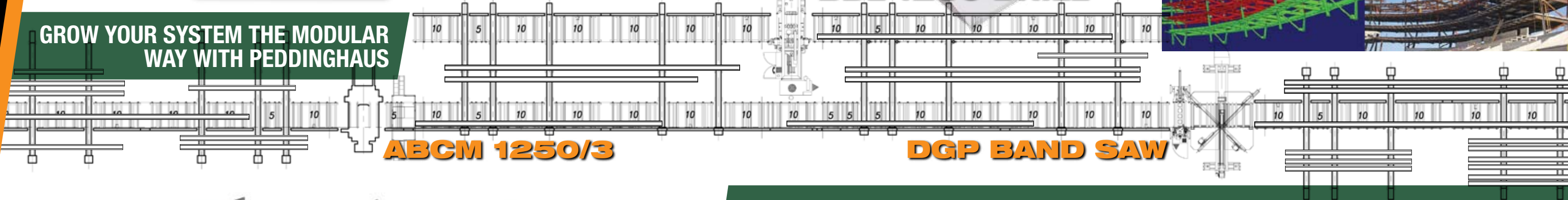


THE ONE COPING MACHINE THAT MAKES ALL THE "CONNECTIONS"



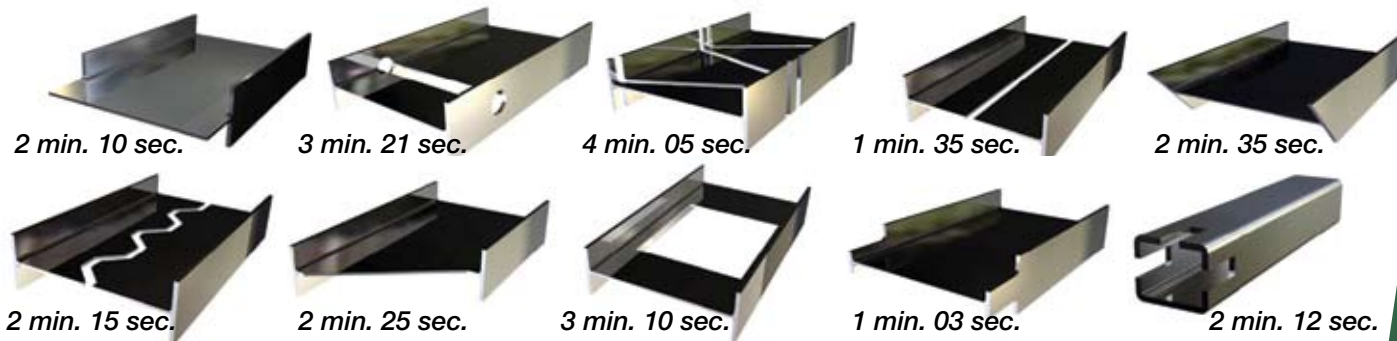
Formerly difficult processes become routine with the ABCM 1250

GROW YOUR SYSTEM THE MODULAR WAY WITH PEDDINGHAUS



ABCM 1250/3

DGP BAND SAW

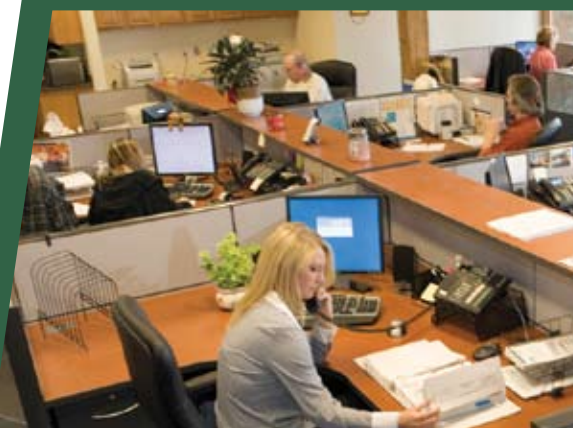


SAMPLE PROCESSING TIMES

For an accurate time study of your specific applications, e-mail ABCm@peddinghaus.com

OUR CUSTOMERS COME FIRST

OUR STATE-OF-THE-ART SERVICE CENTER CONTINUES TO GROW IN ORDER TO SERVE YOU EVEN BETTER, NOW AND IN THE FUTURE



- 50+ trained traveling field service technicians for on site assistance
- 20+ knowledgeable telephone technicians – with a collective 70+ years of Peddinghaus field service experience, available 7 a.m. to 6 p.m. CST daily.
- Complete training facility for operators and programmers.

With Siemens control technology, our service technicians based in Bradley, IL, can assist with fault finding on your machine by simply "logging on". Our technicians can view your machine in operation from our Service Center and make any correction on the fly – this keeps you running.

