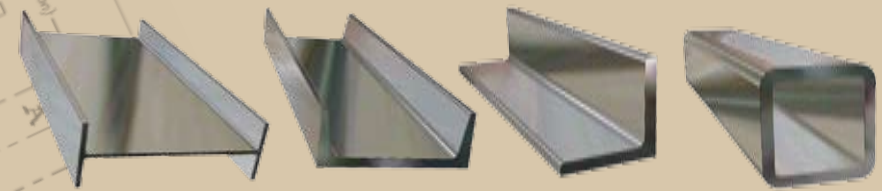




**NO MATTER THE STRUCTURAL APPLICATION, PEDDINGHAUS IS YOUR CONNECTION FOR PRODUCTIVE PROFITS**



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**  
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 Stafford Park 17  
 Telford, Shropshire TF3 3DN UK  
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 Fax: 01952-292-877

**Paul F. Peddinghaus GmbH**  
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 58285 Gevelsberg, Germany  
 Phone: 0 23 32/72 - 0  
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**Peddinghaus Española, S.A.**  
 Pol. Ind. Gojain  
 01170 Legutiano - Alava - España  
 Phone: 0 34 945 46 53 70  
 Fax: 0 34 945 46 55 26

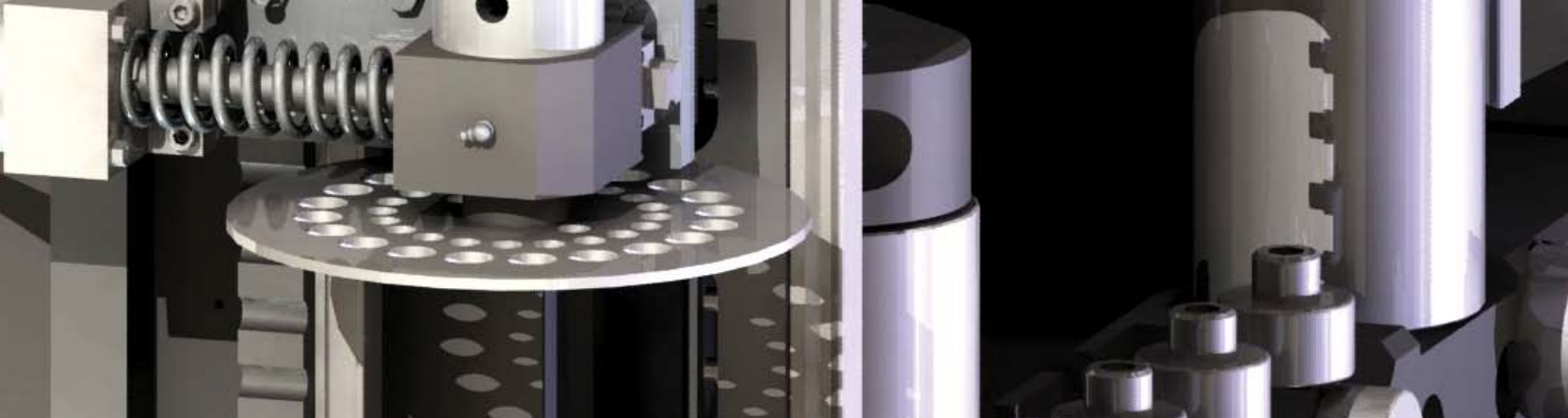


**AUTOMATED STRUCTURAL BURNING SYSTEM**

# The Peddinghaus **ABCM 1250/3**



*Steel Fabricators Worldwide Depend on  
 The Power of Peddinghaus for an  
 Automated Solution for Complex Structural  
 Burning/Coping Requirements*



**F**abricators 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



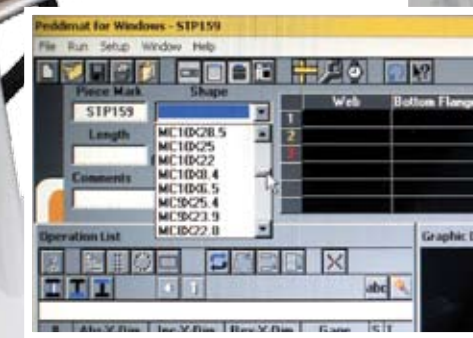
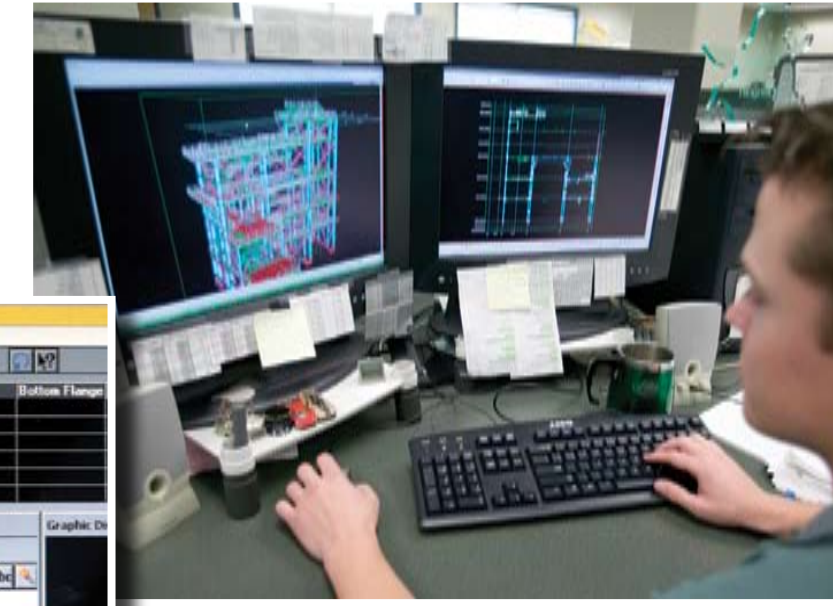
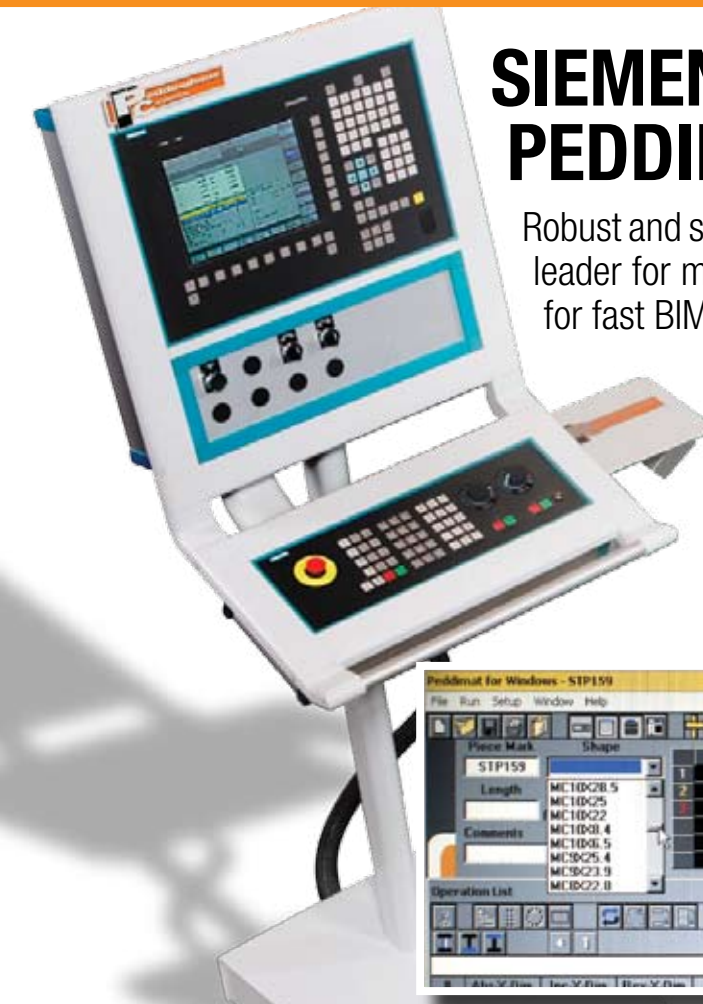


## THERMALLY PROCESS ALL INTERIOR MECHANICAL WEB CUTS AND HOLES

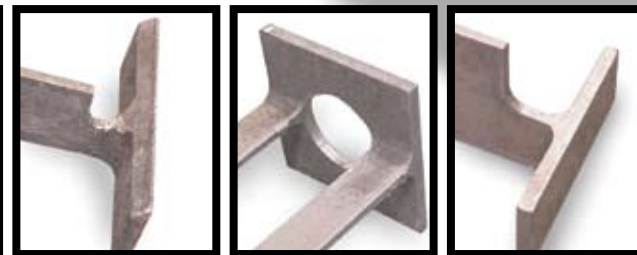


## SIEMENS CONTROL & PEDDIMAT SOFTWARE

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.

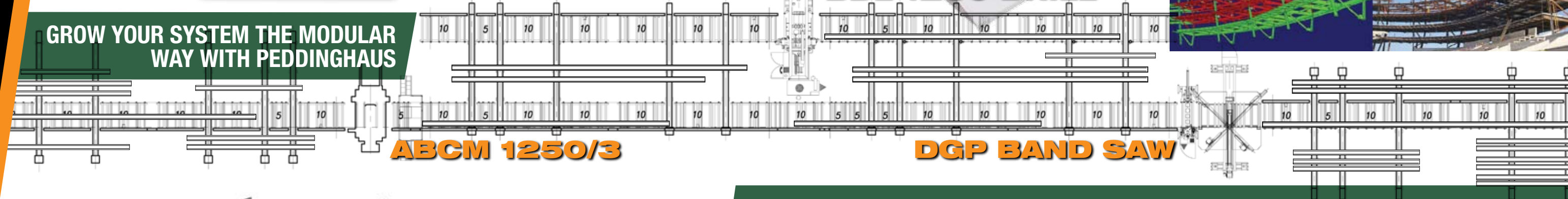


## THE ONE COPING MACHINE THAT MAKES ALL THE "CONNECTIONS"



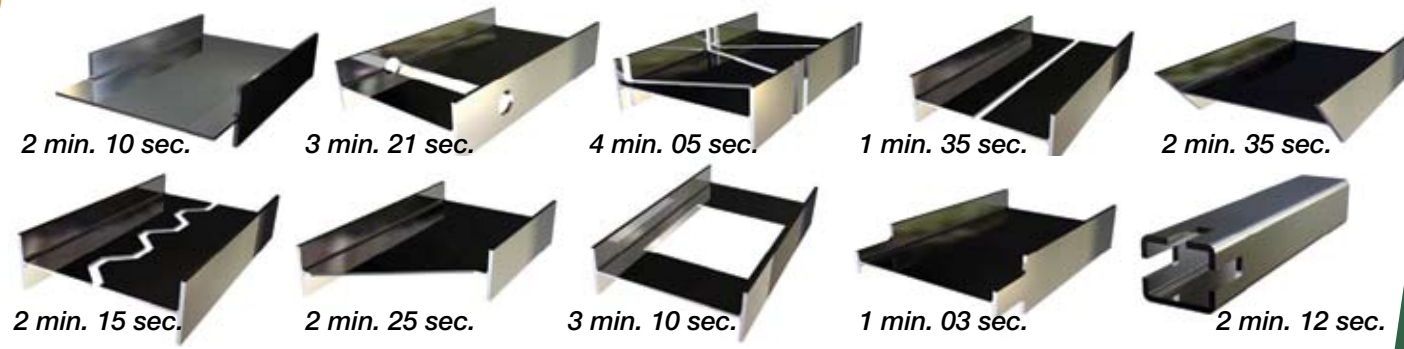
Formerly difficult processes become routine with the ABCM 1250

## 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](mailto: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



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 E-mail: [info@artinbonyan.biz](mailto:info@artinbonyan.biz)

- 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.

