Peddinghaus Corporation

Innovative Steel Fabricating Technologies

ANGLEMASTER

FOR AUTOMATIC FABRICATION OF ANGLE IRON AND FLAT STOCK













The easiest, fastest, most accurate and profitable way to fabricate angle iron in the world.

YESTERDAY'S FABRICATION...

Earn More Profit by Reducing

How much could you save if you could eliminate 10 out of these 12 steps?



Bring material to the shear or saw.



Set length stop or layout material for shearing.



Feed material and cut to length.



Stack cut pieces.



Move pieces to layout area.



Layout holes…one at a time or with a template.



Center punch.



Restack center punched pieces.



Move pieces to punch area.



Locate punch to center mark.



Punch holes…one leg at a time.



Stack finished pieces.

Your Costs…the Peddinghaus Way

The Peddinghaus Anglemaster eliminates not some, but all of the manual procedures needed to fabricate angle iron.

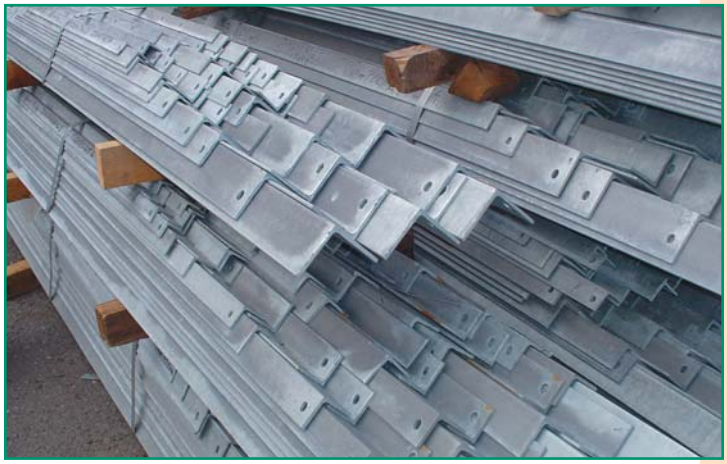




Loading stock from either direction – outside the building – and then passing through a small opening in your wall saves valuable shop floor space.



Process all your angle and plate detail on one machine.



The choice for fabricators of structural steel, towers, and manufacturing.

Save Material Handling & Shop Floor Space

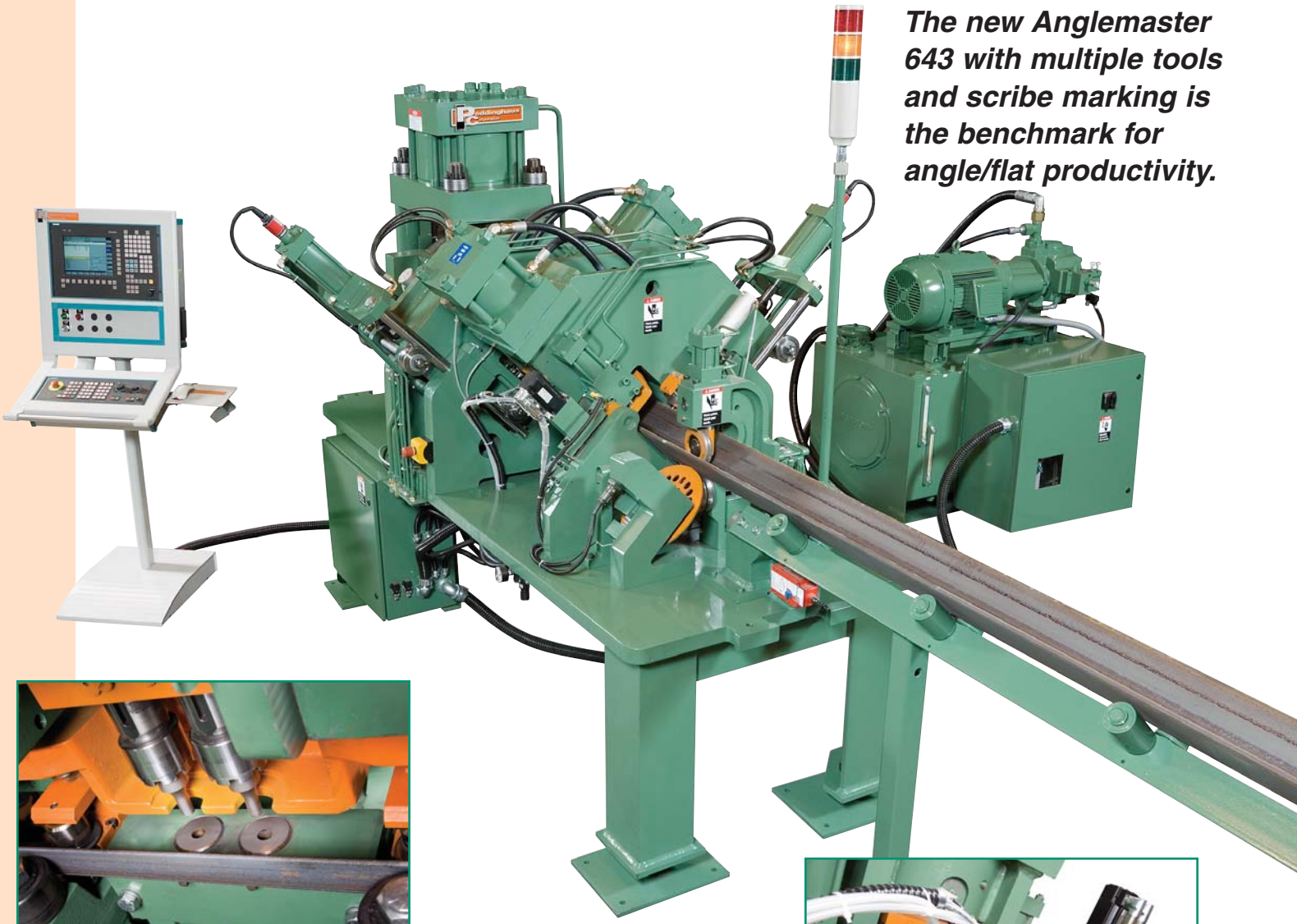


Punch, shear, position and unload angle and flat stock in one operation.

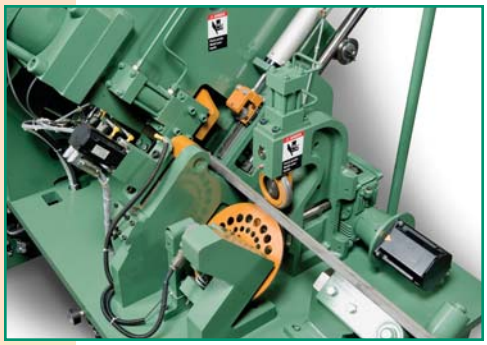
ANGLEMASTERS

Automatic Punching, Marking & She

The new Anglemaster 643 with multiple tools and scribe marking is the benchmark for angle/flat productivity.



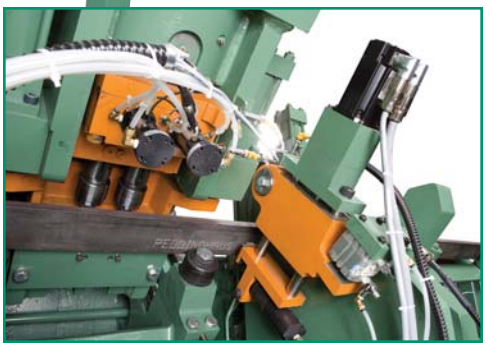
Angles and flats are processed in one pass, reducing set-up time and delivering double punching performance.



Rugged, durable roller feed measuring processes angle/flat in unlimited stock lengths.



Powerful, reliable CNC electronic technology for efficient operator productivity – and simple diagnostics.



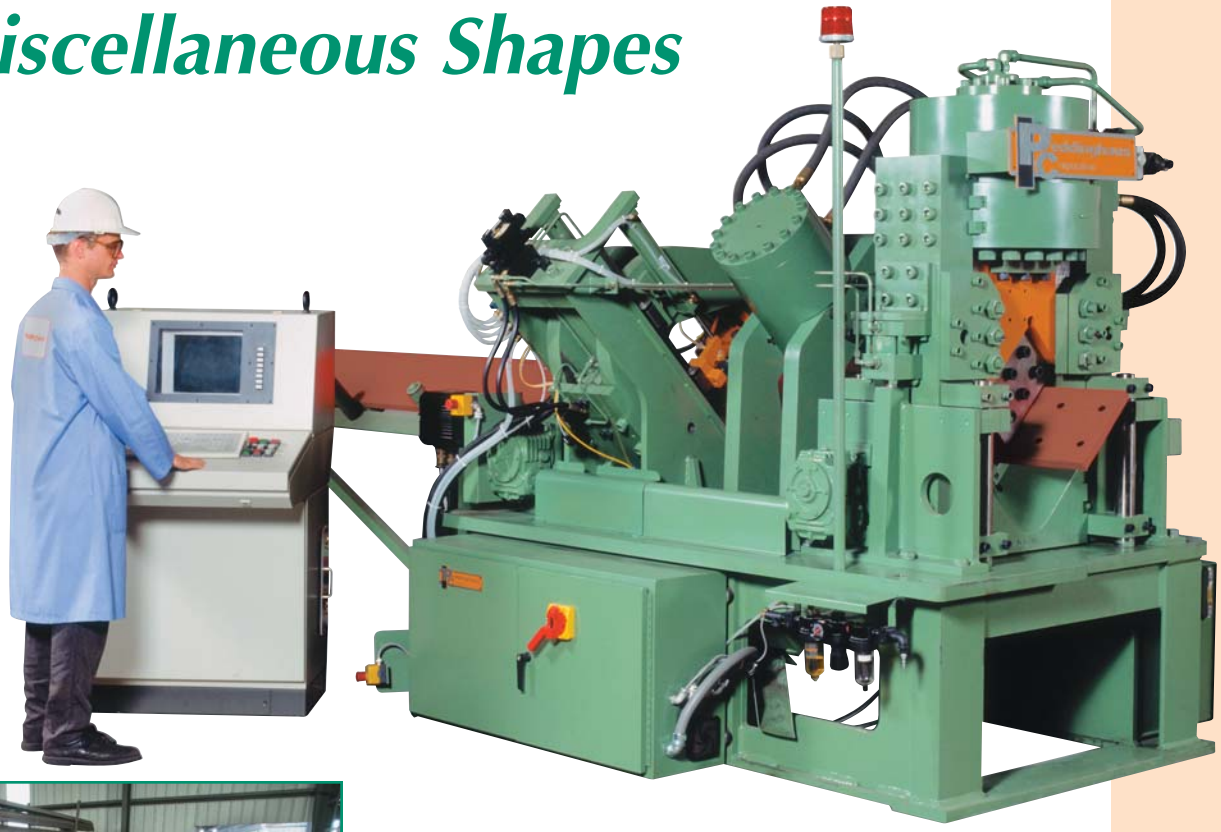
Superior parts marking with the Signoscript provides easy identification after painting or galvanizing.



Guaranteed CNC accuracy.

earing of Miscellaneous Shapes

The massive AFCPS 823 processes angle 8 x 8 x 3/4" (200 x 200 x 19mm) and plate 12 x 1" (305 x 25mm).





The compact design fits any shop environment.



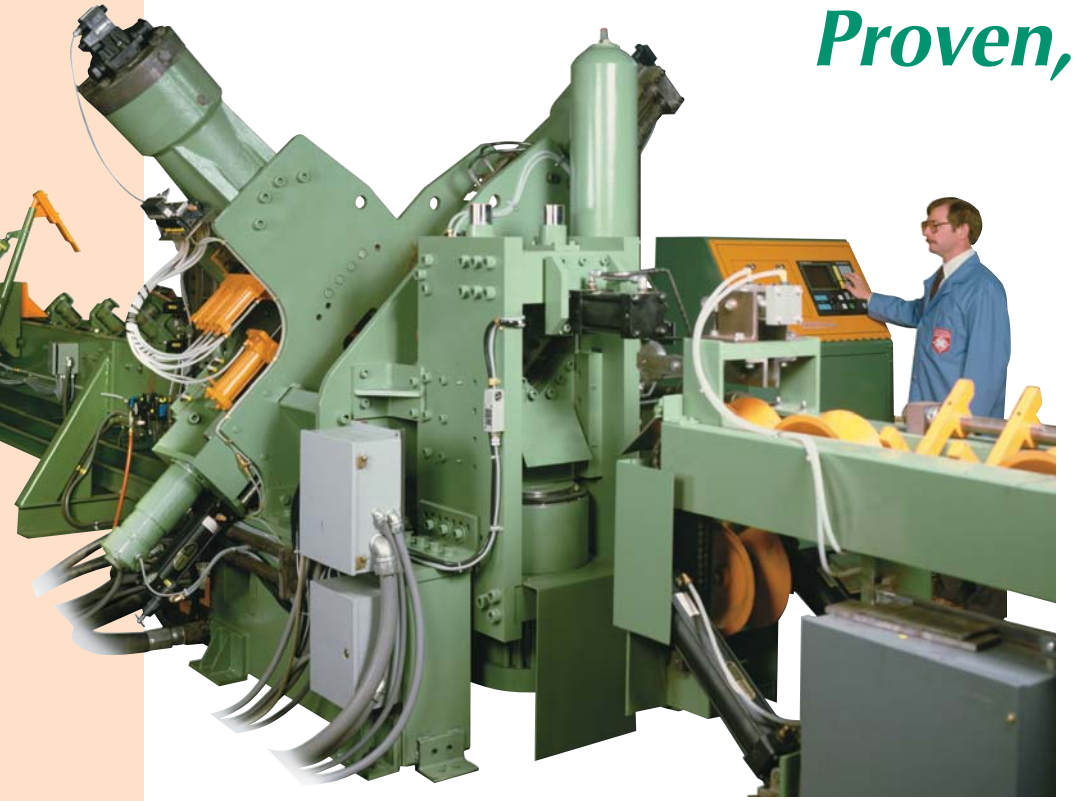


With 12 x 1" (305 x 25mm) capacity, base plates are processed in a simple one pass process.



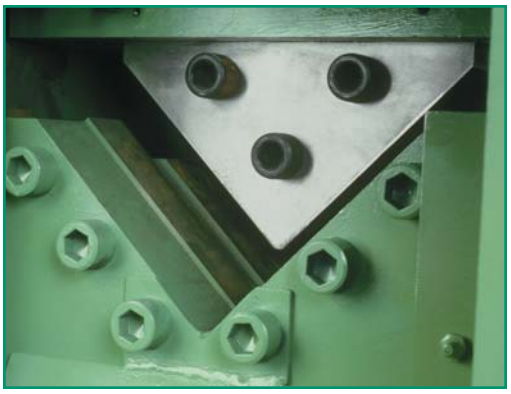
The Peddinghaus Anglemaster… The Industry Standard Since 1972

Proven, Rugged Design

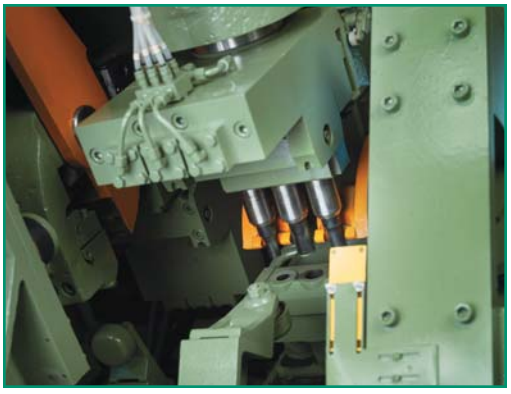




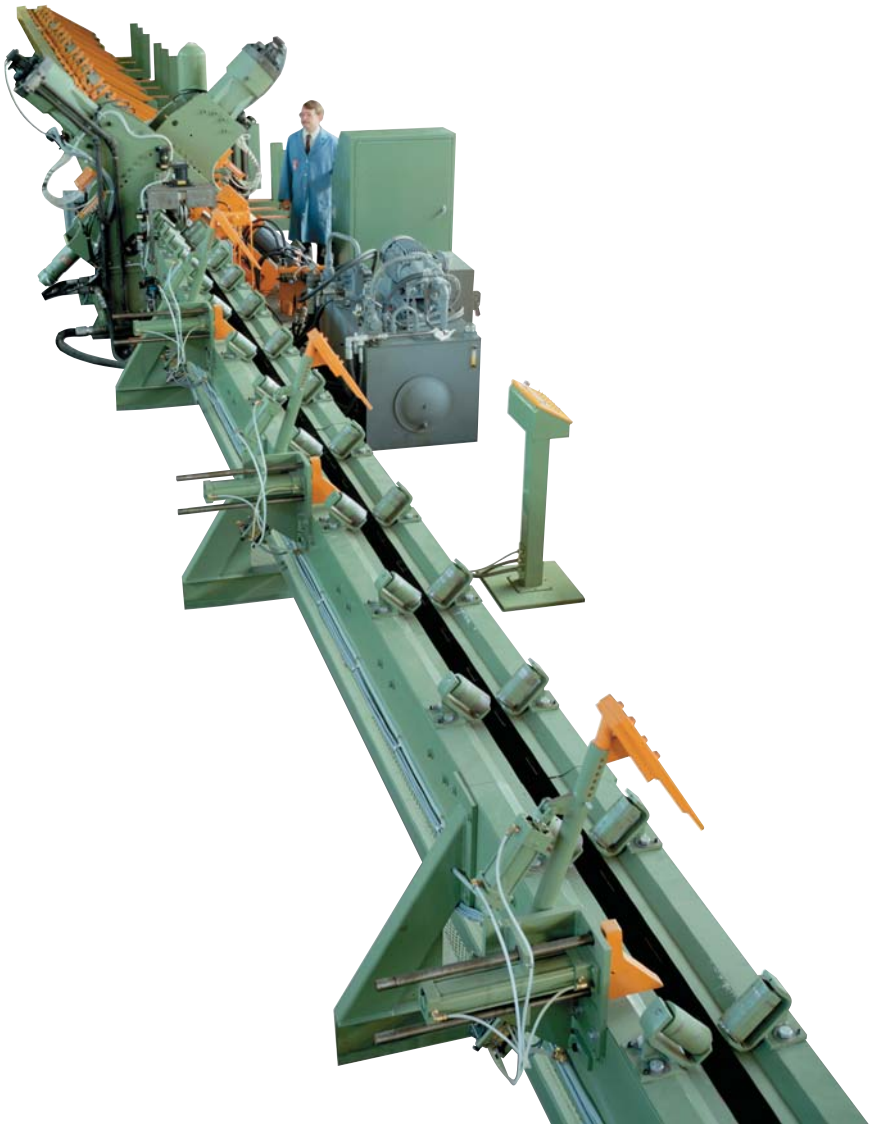
The APS 2063 and APS 1563 for the toughest tower production.



The 475 ton single cut shear supplies fast, accurate shearing of all angle sizes.



The versatile triple tooling assembly provides up to three hole diameters.



for the Toughest Tower Production



The Eiffel Tower replica project in Las Vegas, NV was processed on the Peddinghaus AFCPS 823 Anglemaster.



Beam connections are fast and economical – meeting your toughest construction deadlines.



Any tower specification can be met with a versatile Peddinghaus Anglemaster.

Peddinghaus has the Right Anglemaster for Your Production Needs

ANGLEMASTER SPECIFICATIONS

	AFPS-623	AFPS-643	AFCPS-823	APS-1563	APS-2063
Punch Tonnage	75 Tons (68 Metric)	75 Tons (68 Metric)	130 Tons (117 Metric)	88 Tons (80 Metric)	106 Tons (95 Metric)
Number of Diameters per Leg	1	2	1	3	3
Shear Tonnage	230 Tons (207 Metric)	230 Tons (207 Metric)	400 Tons (360 Metric)	250 Tons (225 Metric)	475 Tons (427 Metric)
Maximum Angle Size	6″ x 5/8″ (150 x 15mm)	6″ x 5/8″ (150 x 15 mm)	8″ x 3/4″ (200 x 20 mm)	6″ x 3/4″ (150 x 20 mm)	8″ x 3/4″ (200 x 20 mm)
Minimum Angle Size	1-1/2″ (38 mm)	1-1/2″ (38 mm)	1-1/2″ (38 mm)	1-1/2″ (38 mm)	1-1/2″ (38 mm)
Maximum Flats	6″ x 5/8″ (150 x 15 mm)	6″ x 5/8″ (150 x 15 mm)	12″ x 1″ (305 x 25 mm)	N/A	N/A
Minimum Flats	2″ x 1/4″ (50 x 6 mm)	2″ x 1/4″ (50 x 6 mm)	2″ x 1/4″ (50 x 6 mm)	N/A	N/A
Maximum Channel Size (Punching Only)	N/A	N/A	12″ (305 mm)	N/A	N/A
Minimum Channel Size (Punching Only)	N/A	N/A	3″ (75 mm)	N/A	N/A
Marking Press Tonnage	120 Tons (108 Metric)	120 Tons (108 Metric)	120 Tons (108 Metric)	120 Tons (108 Metric)	120 Tons (108 Metric)
Number of Mark Stations	7	7	7	7	7
Script Marking	Yes	Yes	No	No	No

All specifications subject to change without notice.

STEEL BURNING SYSTEMS

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

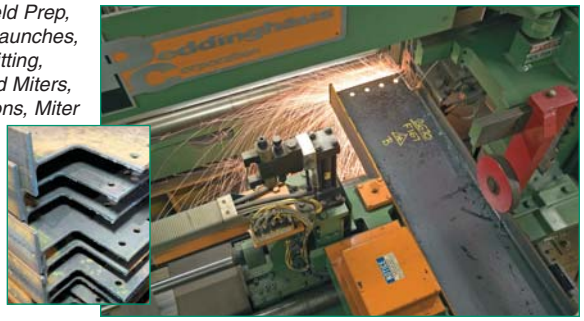


PLATE PROCESSING SYSTEMS

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



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.

MATERIAL HANDLING SYSTEMS



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… now and in the future.

BAND SAWS

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



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

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