

INNOVATIVE STEEL
FABRICATING
TECHNOLOGIES

Peddinghaus



THE REVOLUTION

THE NEXT GENERATION OF
ANGLEMASTER TECHNOLOGY





JOIN THE FABRICATION REVOLUTION

GROUNDBREAKING REVOLVING PUNCH PRESS

The Patent Pending revolving punch press of the AFCPS-833 "REVOLUTION" Anglemaster offers new and groundbreaking technology to the fabrication of angle, channel, and plate components.

This simple yet innovative and technologically advanced design offers versatility, and efficiency that is second to none.

THE TRIPLE TOOL PUNCH PRESS

The Anglemaster Revolution utilizes an ultra efficient triple tool punch press to dramatically reduce manual tool change during production. Capable of accommodating three individual tools of different shapes and sizes, the Revolution's rotating punch press design allows for easy access allowing for simplified cleaning & maintenance.

ROLLER FEED MEASUREMENT

Roller feed measurement gives fabricators the competitive edge in efficiency and accuracy when processing critical detail components. The rugged drive rollers on the Revolution are fitted with performance encoders for exact measurements.

POWERFUL SHEAR

Shearing materials up to 1" (25mm) in thickness are no issue with the Peddinghaus Revolution Anglemaster. Clip angles, angle bracing, angle detail, plate detail, and base plates are processed with ease on this one-of-a-kind industry innovation.



Reddinghaus Revolution Technology

Triple Tool Punching



Roller Feed Measurement



Rugged Shear Design





Productive performance... only from Peddinghaus

SIGNOPLATE PART STAMPING SYSTEM

The SignoPlate part marking system is capable of holding up to 44 characters and can stamp on either leg of angle being processed due to the innovative and versatile rotation of the punch press.

DUAL PC/CNC CONTROL PANEL

Fabricators have the luxury of accessing both a CNC control and PC computer at the machine control panel for fast and efficient part programming modifications, and similar software production requirements.

AUTOMATIC SLUG COLLECTION

Punch slugs are automatically captured and sent to a conveniently located slug container for fast and effective removal that minimizes required maintenance.

REVOLUTION – AFCPS – 833/A SPECIFICATIONS

MATERIAL SPECIFICATIONS	INCH	METRIC
Maximum Angle Capacity	8 x 8 x 1"	200 x 200 x 25mm
Minimum Angle Capacity	1-1/2 x 1-1/2 x 1/8"	40 x 40 x 4mm
Maximum Flat Stock Capacity	12 x 1"	300 x 25mm
Minimum Flat Stock Capacity	2 x 1/4" OR 3 x 3/16"	50 x 6mm OR 75 x 5mm
Acceptable Channel Sizes	12" wide maximum	300mm wide maximum
Number of Punches	3 Sizes	3 Sizes
Punch Capacity	144 Tons	130 Metric Tons
Shear Capacity	169 Tons	153 Metric Tons

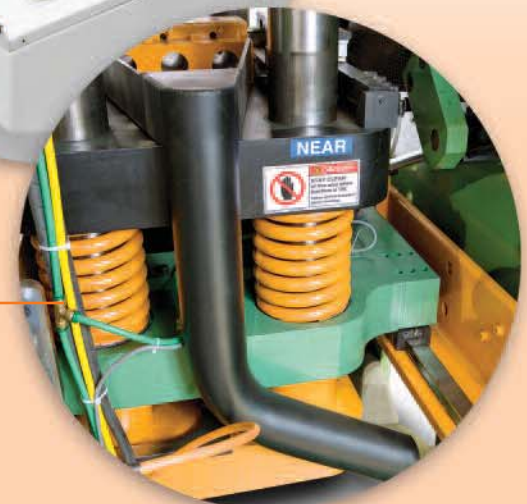
All specifications based upon A-36 material tensile strength



SignoPlate Part Marking



Dual CNC/PC Control Panel



Automatic Slug Collection

THE ANGLEMASTER
REVOLUTION

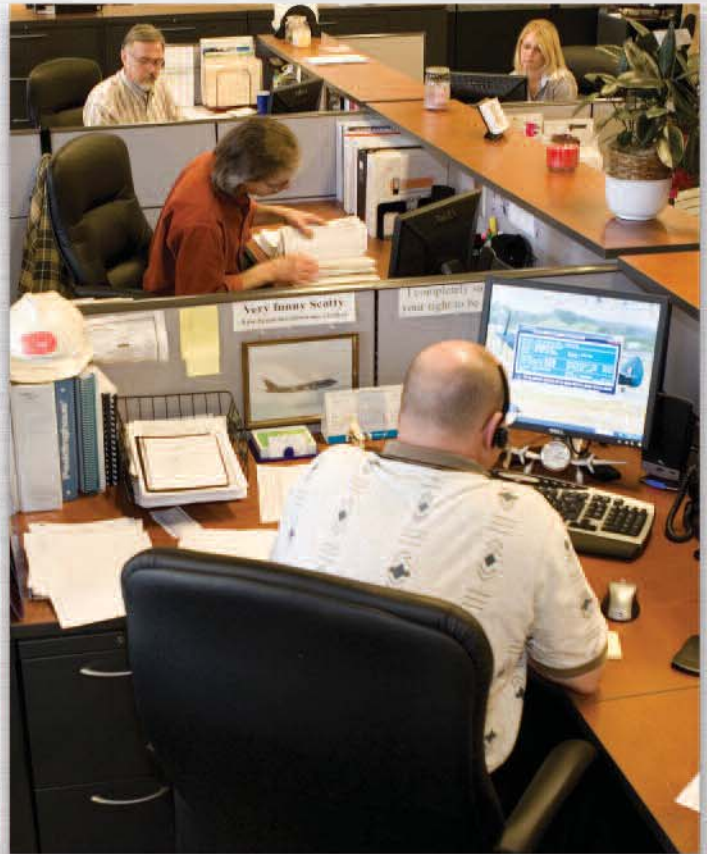
Patent Pending

AT PEDDINGHAUS 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.

- 60+ trained traveling field service technicians for on site assistance
- 20+ knowledgeable telephone technicians — with a collective 70+ years of Peddinghaus field experience
- 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" with remote diagnostics. Our technicians can view your machine in operation from our Service Center and make any correction on the fly — this keeps you running.



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Two of the biggest decisions a structural fabricator will ever make are the layout of his fabrication shop and the selection of the proper equipment to fill that floorspace.

Since 1903 Peddinghaus has met international standards of excellence in the design and manufacture of quality machine tools for the structural steel, heavy plate and related metalworking industries. This coupled with its superior Design Build expertise has proven time and time again there is no second choice. From column lines to concrete floors, Peddinghaus has engineered effective, modern facilities that serve one purpose – to make you more profitable through optimum efficiency.

Through patented, industry leading equipment, Peddinghaus is here to serve you. Whether you're starting a new fabrication shop or revamping an existing one to be more efficient, consider the company with the organizational strength to make it all happen – from planning to production to increased profits... Peddinghaus.

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