

INNOVATIVE STEEL  
FABRICATING  
TECHNOLOGIES

**Peddinghaus**



# FPD-1120

DRILL AND PUNCH SYSTEM





# POWERFUL DRILLING AND PUNCHING

## THE TOTAL PACKAGE

Peddinghaus has put drilling and punching into one powerful and economical package. Short on shop space? That's no problem — the FPD-1120 plate and angle processing system boasts a miniscule footprint sure to accommodate even the most cramped of working environments.

## TRIPLE TOOL PUNCHING

Eliminate tool change time while accommodating multiple tooling shapes and sizes with the triple tool punching system — with punching capacities reaching up to 120 tons (109 metric tons).

## MATERIAL POSITIONING SYSTEM

Eliminate manually laying out parts while saving valuable time and increasing accuracy — the Peddinghaus way! Utilizing today's cutting edge CNC technology, material is moved on the multi-axis processing table.

## HYDRAULIC CLAMPING SYSTEM

The rugged hydraulic material clamps permit punching hole sizes at a standard minimum edge distance of 1 1/4" (32 mm) without concern for clamp interference.

*Drilling Capabilities*



*Triple Tool Punching*



*Multi-Axis Table*



*Rugged Hydraulic Clamping  
For Plate Or Angle*







### PART MARKING SYSTEM

Part marking at multiple depths and sizes is no problem for the Peddinghaus FPD-1120. Peddinghaus' Signo-Script Carbide Marking technology can designate multiple sizes, shapes and orientations to meet any part marking need. Also capable of layout marking by utilizing the drill spindle, the FPD-1120 eliminates layout marking for every step of your process.

### SIEMENS CONTROL

Modern CNC technology in an affordable package is made complete by the most state-of-the-art operating controls available. The powerful Siemens control puts the operator in a familiar PC atmosphere and utilizes the industry benchmark for fabrication software — Peddimat.

### FPD-1120 SPECIFICATIONS

	METRIC	INCH
Maximum Flat Plate Thickness	32 mm	1.25"
Maximum Flat Plate Width	75 mm	30"
Angle Stock Maximum	200 mm x 200 mm x 25 mm	8" x 8" x 1"
Maximum Stock Length (With No Auxiliary Table)	1524 mm	60"
Maximum Stock Length (With Auxiliary Table)	2794 mm	110"

### 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". Our technicians can view your machine in operation from our Service Center and make any correction on the fly — this keeps you running.

*Accommodates  
All Marking Needs*



*State-Of-The-Art  
CNC Controls*





**BAND SAWS** Peddinghaus Band Saws remain the choice of structural fabricators, as these rugged machines are internationally recognized for speed, quality finish, and precision cutting. The introduction of Speed Sawing Technology brought a new level of productivity to the fabrication shop. With such innovations as PeddiCool blade cooling and Autofeed Blade Compensation, Peddinghaus engineers have opened the doors to new heights of sawing efficiency.



**THE ANGLEMASTER** Processing angle iron, flat stock, and channel in a one pass process, makes the Anglemaster series from Peddinghaus the answer for progressive fabricators. The technologies of punching, shearing, marking incorporated into one space saving design yields high levels of productivity and accuracy for your toughest application. With Anglemaster installations in many diverse industries — from towers to agriculture, Peddinghaus is the right choice for you.



**DRILL LINE** Regardless of your shop size or production requirement, Peddinghaus has the correct drill line for your application. With seamless integration of today's BIM and detailing software, Peddinghaus remains the world leader in beam drilling technology. Peddinghaus Engineers are eager to provide a material handling design that best fits your fabrication needs — now and in the future.



**BURN & COPE** The Peddinghaus Coper Line provides a multi-torch answer to the task of precision cutting of structural profiles. The full scope of structural burning — including typical shapes such as copes, blocks, interior cuts, haunches, etc. — now become a simple task with CNC automation. The multiple torch system addresses all shape surfaces simultaneously, while employing probe technology to detect any mill irregularity in each profile.



**PLATE PROCESSING** Peddinghaus revolutionized plate fabricating with the development of "Continuous Plate Processing" which incorporates the technologies of high speed drilling, punching, thermal cutting — via precision plasma or oxy-fuel — marking, countersinking, tapping, etc into one labor saving process.

- With Peddinghaus, it's as easy as 1, 2, 3:
1. Load Stock Plate
  2. Process all holes, part marking, contour cutting
  3. Unload finished parts



Imagine decreasing your labor by 80% and saving shop space by up to 60%!

**SERVICE, PARTS, TOOLS AND STEELWORKING SUPPLIES** Peddinghaus Corporation recognizes the importance that equipment "Up Time" plays in today's competitive market. An unproductive machine or system translates into delivery penalties, lost profits, and missed opportunities.

Remote diagnostics from the powerful electronics package enable Bradley, IL based service technicians to run a complete diagnostic check making fault finding quick and easy.

A \$14,000,000 standard and Peddinghaus engineered parts inventory, such as burning tips, ensures a minimal amount of downtime.

Miscellaneous structural steelworking tools and supplies are also kept in inventory including our environmentally-friendly mist style coolant, PeddiCool.



*Peddinghaus is the single source for all your structural and heavy plate equipment needs..*

# INNOVATIVE STEEL FABRICATING TECHNOLOGIES



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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