

Peddinghaus



PCD-1100/3B

“ADVANTAGE” Multi-Spindle Drill Line



Tackle Larger Projects with Confidence.



The Peddinghaus ADVANTAGE

Eliminate the inefficient “drilling of air” commonly associated with competitive drill lines with Smart Spindle technology. Peddinghaus engineers pioneered this system that instantaneously senses material breakthrough - notifying the machine of the moment a hole is completed and immediately advancing to the next hole in a pattern.

Modular Machine Design

Grow your shop in stages with a Peddinghaus modular CNC system. The ADVANTAGE drill line is designed to be a building block to the future of fabrication in any facility. Start in stages and invest in CNC equipment when you're ready. Peddinghaus material handling combined with Siemens technology allows for complete system integration between drills, band saws, and copers.



Multi-Spindle Approach to Structural Drilling

Tackle large projects with confidence using the multi-spindle drilling operations of the Peddinghaus ADVANTAGE. Multi-spindle drilling allows for the simultaneous processing of multiple surfaces, increasing a company's capable throughput and tonnage capabilities. Process profiles up to 44" / 1100mm wide in a fraction of the time involved with manual or single spindle operations.



Versatile Modular Design for Optimal Shop Setup
Schuff Steel - Phoenix, Arizona, USA

SignoScript Carbide Part Marking

SignoScript carbide part marking allows clear, concise part designation at a wide array of shapes, depths, and orientations; perfect for painting or galvanizing applications. Layout marking is also available from any of the three spindles to expedite weld prep, and other processes.



On-Site or Classroom Training from the Experts



Rollerfeed Material Measurement

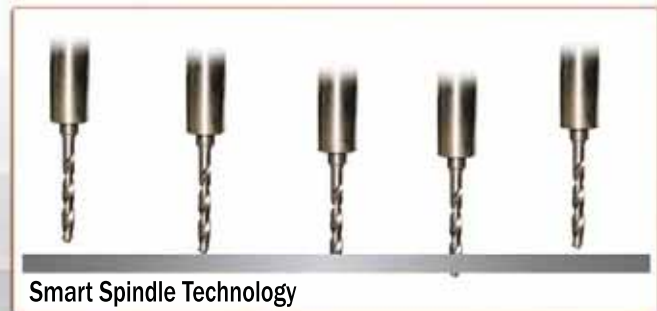
Flexible, reliable, and efficient material measurement is the backbone of a CNC drill line. Rollerfeed material measurement offers unparalleled accuracy while providing versatility for material handling options. Load and store material outside the building, transfer materials from either side of conveyor on the entry or exit side of the machine, and never wait for a carriage to return to a loading position using roller measurement from Peddinghaus.



Precision Rollerfeed Material Measurement

Smart Spindle Technology

Eliminate the inefficient "drilling of air" commonly associated with competitive drill lines when you use Peddinghaus Smart Spindle technology. Peddinghaus engineers pioneered this system that instantaneously senses material breath through - notifying the machine of the moment a hole is completed and immediately advancing to the next hole in a pattern. Increase the amount of time that your drill is actually drilling material with Smart Spindle.



Smart Spindle Technology

Siemens Performance Electronics

The powerful Siemens 840Di is a true CNC control that utilizes a familiar PC interface for simple operation. Peddinghaus and Siemens team up for solid performance and service reliability around the corner or around the world.

Specification	Inch	Metric
Maximum Profile Width	44"	1100 mm
Minimum Profile Width	3"	75 mm
Maximum Profile Height	18"	460 mm
Minimum Profile Height	3/4"	19 mm
Number of Spindles	3	3
Spindle Power	13.5 HP	10 kW
Drill Tooling Type	#4 Morse Taper	#4 Morse Taper
Maximum Hole Size	1 - 9/16"	40 mm



Grasan Equipment Company, Ohio, USA
Simple saw integration with siemens electronics

With the new machine we can now do what would have taken 5 days in one eight hour shift... We never dreamed we would be bidding on multi-million dollar projects but with our PCD-1100 now we can.

D&A Fabrication - Iowa, USA



The PCD turned out to change the direction of Page Steel, and enabled the company to tackle much larger projects. As Page Steel is extremely critical on precision the machine had to prove itself to all employees. Immediately we had been impressed with both the speed and accuracy of the saw and drill, as well as the build quality.

Page Steel - Victoria, Australia



We ran a W36×194 with 42 holes in 20 minutes today - the old way would have been 4-5 hours... I can say that our erection crews have reduced costs by 25% at the job site. Everything fits - no rework, no reaming. It is all accurate.

AAA Steel Ltd. - Alberta, Canada



"We invested in Peddinghaus-their machines are excellent-strong, reliable, and productive. The DGP miter band saw, the PCD 1100, and the material handling system have made us competitive in the Middle East."

SteelTEK FZCO - Dubai, UAE



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