Northern machine works
Established 1902

TITAN 230PRO
PROGRAMMABLE PAPER CUTTER

Print matters.
Every detail counts.



Printing means more today precisely because people are printing less. Every piece that gets printed carries more weight because choosing print has become an intentional decision.

When a customer chooses print, they are choosing something tangible, something meant to be held, noticed and remembered. That is **The Prestige of Print**. Every finished piece reflects the craftsmanship of your people, the standards of your shop and the reputation you've built.

EVERY LASTING IMPRESSION STARTS WITH THE RIGHT TOOLS.

For over 150 years, Challenge has built tools for printers who believe craftsmanship still matters. Inspired Innovation refined over generations puts that experience to work for craftsmen who hold every finished piece to a higher standard.

American Engineered. Michigan Made. Original Ownership. Together, they represent generations of people, knowledge and craftsmanship behind the tools on your floor, and a commitment to the people who count on them every day.

THE TOOLS CRAFTSMEN COUNT ON.

Your craftsmen know that a clean, accurate cut is fundamental to the quality of the finished piece. The standard they bring to the work depends on precision and consistency through every cut.

The Titan 230Pro gives your people the control and capacity to maintain that standard across demanding production work. A 23" cutting width, programmable backgauge control and hydraulic powered cutting and clamping combine precision with straightforward operation, keeping your craftsmen focused on the work.

Built with solid cast iron and steel construction and a one-inch-thick metal table, the Titan 230Pro provides the strong work surface required for production environments.

Your people will take pride in every piece they finish.

Put the
Tools Craftsmen Count On
to work in your shop.

Contact us at
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WHAT THE TITAN 230PRO DELIVERS

Every feature below reflects a cutter built for the shop that depends on precision, consistent quality and reliable production.

- Programmable backgauge control for efficient, repeatable cutting
- Hydraulic powered clamping and cutting
- Electronic clamp pressure control to accommodate different job requirements
- High-contrast RED LED line-light for clear visual alignment
- Low-pressure foot pedal clamping for pre-cut positioning
- Convenient measurement conversion between Metric, English and Fractions
- Push-out function to move stock forward from under the clamp and knife
- Safety features including a light beam curtain system, mechanical knife safety latch, two-hand monitored cut buttons, enclosed rear table and slot closure device
- Solid cast-iron and steel construction with a one-inch-thick metal table built for production environments

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SPECIFICATIONS

Maximum Cutting Width	23" / 58.4 cm
Minimum Cut: without false clamp plate	1/2" / 13 mm
Minimum Cut: with false clamp plate	1-7/8" / 48 mm
Maximum Cut Depth	24" / 61.0 cm
Clamp Opening: without false clamp plate	3-1/4" / 8.3 cm
Clamp Force: minimum	1,250 lbs / 563 daN
Clamp Force: maximum	2,500 lbs / 1,125 daN
Clamping Method	Hydraulic / Manual low-pressure pre-clamp
Backgauge Control	Power
Airtable	Option
Ergonomic Cut Switch System	Option

DIMENSIONS

Table Space: in front of knife	24-1/4" / 61.6 cm
Table Space: behind knife	24" / 61.0 cm
Overall Width	50" / 127 cm
Overall Length	66" / 168 cm
Side Tables	16" × 13-1/2" / 40.6 × 34.3 cm each side
Optional Side Tables	20" × 18" / 51 × 46 cm each side
Minimum opening required thru door	43" / 109 cm
Table, treadle and light beam removed	29" / 74 cm
Net Weight (approximate)	1,000 lbs / 454 kg
Shipping Weight (approximate)	1,250 lbs / 567 kg

The craftsmanship of a Challenge Shop is felt in every finished piece.

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