Northern machine works
Established 1902

TITAN 200PRO

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 the final cut is more than another step in production. It is part of what determines how the finished piece looks, feels and represents the work that went into it. Precision matters, consistency matters, and the tools on your floor need to support the standard your people bring to every job.

The Titan 200Pro brings proven cutting strength together with programmable control for the demands of today's print environment. Hydraulic cutting and clamping provide the power and consistency your craftsmen need, while the Pro control system simplifies programming and helps keep work moving efficiently from one job to the next.

Your people will take pride in every piece they finish.

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

Contact us at
cs@northernmachine.com

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Built for the realities of today's shop, the **Titan 200Pro** combines a compact footprint with the substantial construction required for daily production. It gives your people a tool designed to support their craftsmanship without adding unnecessary complexity to the work.





WHAT THE TITAN 200PRO DELIVERS.

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

- Hydraulic powered cutting and clamping for consistent performance
- Programmable backgauge control for efficient, repeatable cutting
- Programmable electronic clamp pressure to match the requirements of each job
- Red LED optical cut line-light indicator for clear visual alignment
- 9" (23 cm) color touchscreen that pivots to adjust to the operator's viewing height
- Compact footprint designed to make efficient use of production floor space
- Heavy-duty construction for the demands of daily production
- Lockable casters for easier positioning on the shop floor
- Energy-efficient operation with the motor running only during the cut cycle
- Advanced safety systems designed around operator protection

PRO CONTROLLER BUILT AROUND YOUR CRAFTSMEN.

The Titan 200Pro puts job control within easy reach of the operator. Its touchscreen controller simplifies programming and allows clamp pressure to be programmed for each step of a job, giving your craftsmen greater control as production requirements change.

Machine self-diagnostics and error indication help guide the operator through potential issues, while programmable control makes repeat work easier to manage from job to job.

For repeat work, the Pro system automatically remembers the operator's cut history while the first sample sheet is produced, allowing that sequence to be saved as a program for now and future jobs. The result is technology that supports the craftsman without getting in the way of the work.

BUILT FOR THE REALITIES OF TODAY'S SHOP.

Today's print environment asks your people to do more with every job. Shorter runs, faster turnarounds and changing production requirements put a premium on efficiency, while the expectation for quality never changes.

The Titan 200Pro is designed for that reality. It brings programmable control, hydraulic cutting performance and substantial construction together in a compact platform that fits naturally into today's commercial, digital and in-plant production environments.

Your craftsmen stay in control of the work. The Titan 200Pro gives them the tools to maintain the standard.

PRECISION YOUR CRAFTSMEN CAN COUNT ON.

Accurate cutting and controlled hydraulic clamping help your people produce consistent results from job to job. Programmable positioning and visual cut-line alignment support the precision your craftsmen bring to every finished piece.

PRODUCTIVITY THAT KEEPS WORK MOVING.

Programmable control helps reduce repetitive setup and makes repeat work easier to manage. With job programming and operator guidance within easy reach, your craftsmen can spend less time managing the machine and more time focused on the work.



BUILT FOR THE LONG RUN.

Substantial steel, aluminum and cast-iron construction gives the Titan 200Pro the foundation required for daily production, while its compact footprint makes efficient use of valuable shop-floor space.

A PROVEN TITAN. BUILT FOR WHAT'S NEXT.

The Titan name has earned its place on production floors through years of dependable performance. Many original Titan 200 cutters remain in active production today, reflecting the durability and longevity printers have come to expect from Challenge.

The Titan 200Pro carries that foundation forward with programmable control and operator-focused technology designed for today's print environment.

BUILT WITH THE OPERATOR IN MIND.

The work your craftsmen do requires their attention on every cut. The Titan 200Pro incorporates multiple safety systems designed to protect the operator while supporting the natural workflow of production.

OPERATOR SAFETY.

- Tilt shield or optional light beam system protects the operator from the cutting area during the cut cycle, in accordance with the latest ANSI and ISO safety standards
- Simultaneous and constant two-hand cut button activation
- Wooden jogging aid
- Rear table cover encloses the back table
- Optional ergonomic cut switch system reduces possible repetitive motion fatigue
- UL, cUL and CE certified

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SPECIFICATIONS

Maximum Cutting Width	20″ / 50.8 cm
Maximum Stack Height	3.25″ / 82 mm
Maximum Cut Depth	20″ / 50.8 cm
Minimum Cut	1/2″ / 13 mm
Minimum Cut with Optional False Clamp Plate	1-7/8″ / 48 mm
Maximum Clamp Pressure	2,500 lbs / 1,125 daN
Clamping and Cutting	Hydraulic
Backgauge Control	Power

DIMENSIONS

Table Space: in front of knife	15-1/4″ / 39 cm
Table Space: behind knife	20″ / 50.8 cm
Overall Width	39-1/2″ / 100.3 cm
Overall Length	50-7/8″ / 129.3 cm
Side Tables – Light Beam Version	8-1/4″ × 12-1/4″ / 21 cm × 31 cm
Optional Side Tables – Tilt Shield Version only	12″ × 19″ / 30.5 cm × 48.2 cm
Minimum opening required thru door Table, treadle & light beam removed	36-1/4″ / 92 cm* 29″ / 73.7 cm
Net Weight (approximate)	800 lbs / 363 kg
Shipping Weight (approximate)	980 lbs / 455 kg

**with light beams and power switch removed*

Electrical:
Motor: 1-3/4 H.P., 220 Volts, 60 Hz, 1 Phase, AC, 12 Amps. Service size 15 Amps. Requires receptacle type NEMA 6-15R or 6-20R. Optional 50 Hz, 1 phase available.

STANDARD INCLUDED EQUIPMENT

- Two high-speed steel blades
- Four cutting sticks
- Wood jogging aid
- Tool kit
- Knife change holder assembly
- Operator's manual

AVAILABLE OPTIONS

- Optional light beam system
- Optional false clamp plate to reduce clamping impressions on paper
- Optional book-trimming false clamp plate for trimming perfect-bound books without damaging the spine

WARRANTY

- **2-year factory parts warranty (excluding supply items)**

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

Established 1902 Northern machine works
960 Brook Road, Unit 3
Conshohocken, PA 19428
(215) 425-0300