Northern machine works
Established 1902

HANDY-DRILL PAPER DRILL

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.

Challenge patented the first paper drill in 1930. Every drill we've built since carries that same foundation: Inspired Innovation refined over generations, put to work for craftsmen who hold their finished pieces 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 consistency depends on precision throughout the process. Every hole should reflect the same attention to detail they bring to the finished piece.

The Handy-Drill gives your craftsmen the precision and flexibility to keep drilling consistent from job to job. Four adjustable backgauge stops simplify repeat hole patterns, while hand-lever operation keeps the work moving naturally.

Thoughtful safety features help protect your people while keeping the work area clean, so your craftsmen can stay focused on producing work that reflects the standard of your shop.

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

HANDY-DRILL PAPER DRILL

WHAT THE HANDY-DRILL DELIVERS

- Up to 2-1/2″ lift capacity for demanding drilling applications
- 13 available drill bit sizes from 1/8″ to 1/2″ when configured for 2″ lift capacity
- Five drill bit sizes from 1/4″ to 1/2″ at the full 2-1/2″ lift capacity
- Four adjustable backgauge stops for efficient, consistent multiple-hole patterns
- Adjustable margins with dual table scales for accurate hole positioning
- Automatic spindle motor operation activates with the pull-down lever and shuts off when the lever returns
- Chip collectors with sight gauges help keep the work area clean and make it easy to see when chips need to be emptied
- Safety interlock switches cut power to the motor when the chip collectors are removed

SPECIFICATIONS

Every spec below reflects a tool built for the shop that can't afford inconsistency.

Drill Head Operation	Hand Lever
Drill Bit Sizes Available (2″ length)	13 sizes from 1/8″ to 1/2″ (3 to 12.7 mm)
Drill Bit Sizes Available (2-1/2″ capacity)	1/4″, 5/16″, 3/8″, 7/16″, 1/2″ (6.4, 7.9, 9.5, 11.1, 12.7 mm)
Max. Lift Capacity	2-1/2″ (6.4 cm)
Min. Distance Between Holes	3/8″ center to center (9.5 mm)
Max. Distance Bit to Side Guide	9-7/8″ (25.1 cm)
Max. Margin Hole Center to Sheet Edge	2-1/2″ (6.4 cm)
Side Guide Trip	Manual
Table Space	18″ × 19″ (46 × 48 cm)
Overall Height	22-3/8″ (56.8 cm)
Overall Width	24″ (61 cm)
Overall Length	21.2″ (53.9 cm)
Net Weight	70 lbs (32 kg)
Shipping Weight	96 lbs (44 kg)

Electrical: 115 Volts, 2.7 Amps, 60 Hz, 1 Phase, AC

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

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