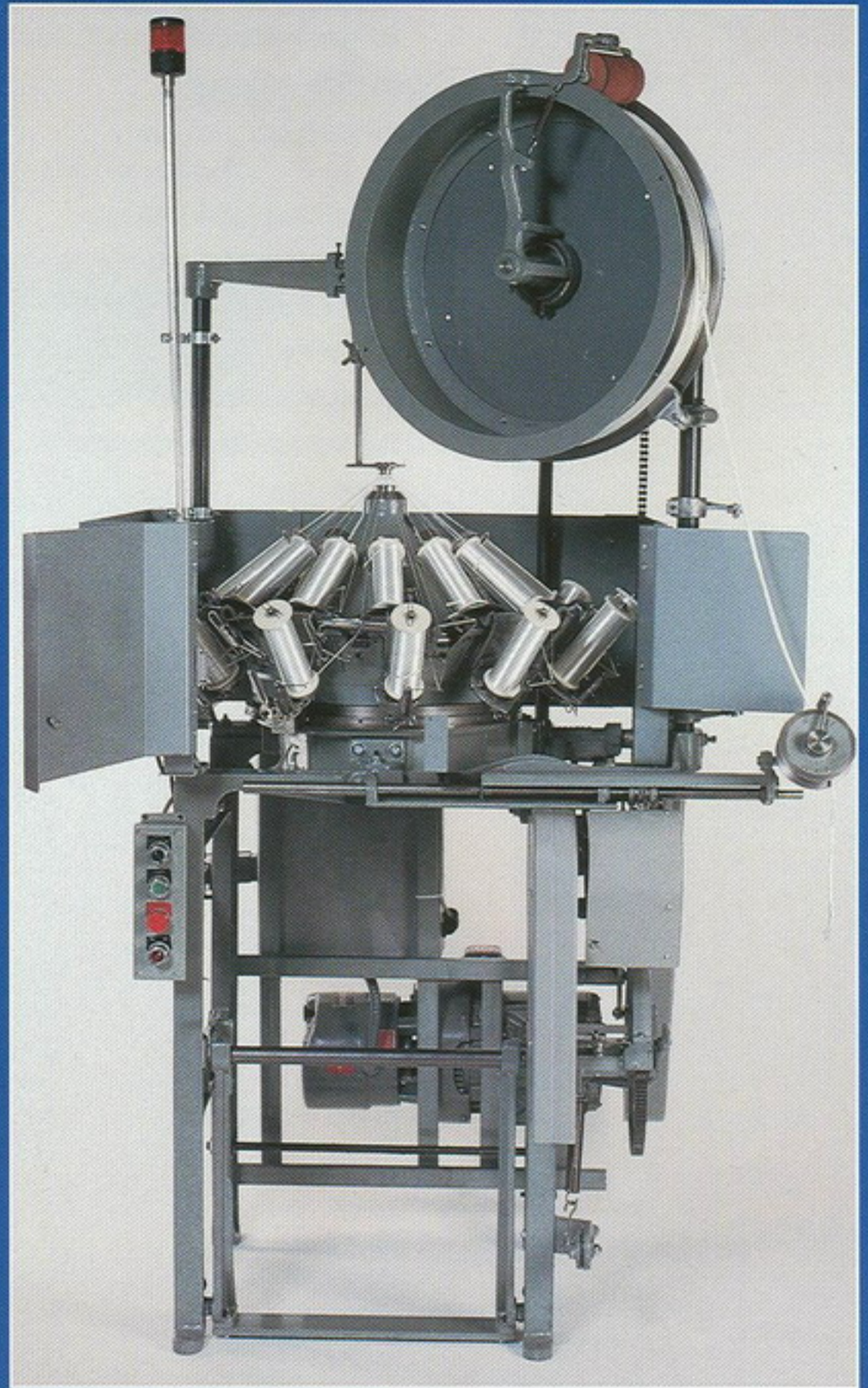


Wardwell Braiders — First Choice Worldwide



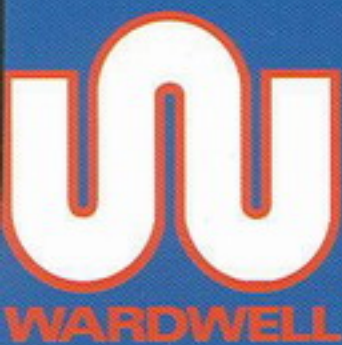
Large Bobbin 24 Carrier Textile Rapid Braider



More Choices

For more than a century Wardwell braiders have been selected for more applications in more industries worldwide than any other braiders. The reasons behind this popularity of Wardwell braiders are simple and powerful.

First, our continuing program of improvement and development gives us a definite cost advantage and competitive edge. In addition, the reliability of our braiders is proven and our program of readily available replacement parts and customer service will make the difference for you.



WARDWELL
Our experience is the difference
WARDWELL BRAIDING MACHINE CO.
An Employee Owned Company
1211 High Street
Central Falls, RI 02863 USA
Tel: (401) 724-8800
Fax: (401) 723-2690

Production Rate

28" (711mm) to 136" (3,454mm) per minute, dependent upon the number of picks or plaits per inch of braided product.

Yarn supply can be provided on cardboard sleeves or on nylon bobbins with up to 6" (152.4mm) traverse.

Specifications

- Carrier Speed:** 110 r.p.m.
1,320 picks or plaits per minute
- Driving Pulley Speed:** 506 r.p.m.
- Ratio - Pulley Speed to Carrier Speed:** 4.6 to 1
- Capstan Diameter:** 24" (609.6mm)
- Capstan Face:** 5½" (139.7mm)
- Beater Opening Diameter:** 1½" (28.5mm)
- Flexible Conductor Core Diameter:** ¾" (19mm)
- Motor:** 1 hp
- Weight:** Approx. 890 lbs. (403.7 kg)
- Weight Crated for Domestic Shipment:** Approx. 1,145 lbs. (519.3 kg)

Standard Equipment

Independent Electric Motor Drive

Each braider is equipped with its own electric motor to meet customers' electrical requirements.

Change Gears

This braider is equipped with twelve change gears which are used to increase or decrease the number of picks or plaits per inch (cm) of material.

Quick-Change Reel Lifter Stands

Frames with quick-change reel lifter stands for the supply and windup reels will accommodate reels from 30" (762mm) to 36" (914mm) in diameter with various overall widths. Reels are not provided with the braider.

Windup Driving Mechanism

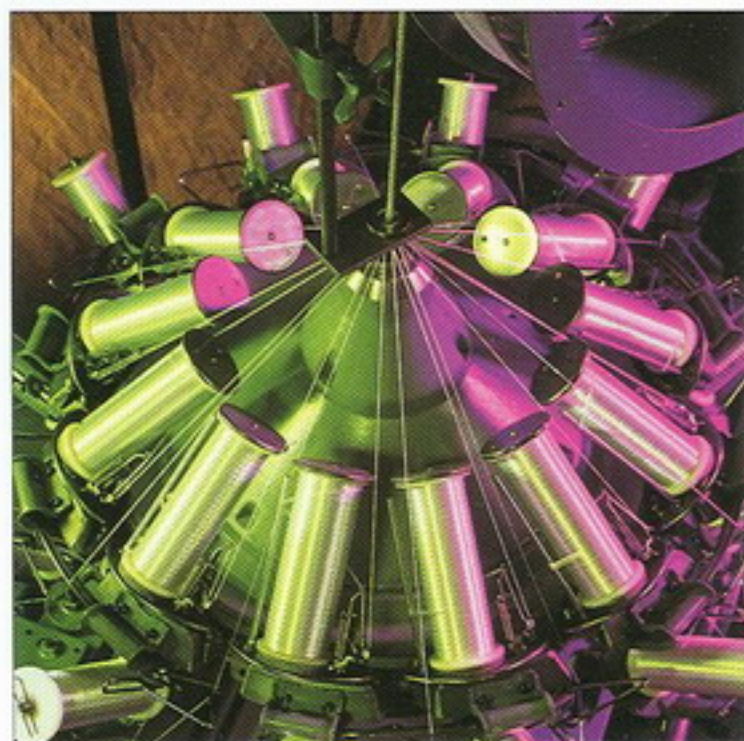
The windup driving mechanism provides a constant tension on the finished braided product being wound onto the windup reel.

Adjustable Yarn Tension

The yarn tension can be adjusted to accommodate a variety of yarns and insure smooth braiding with a minimum of breaks.

Optional Equipment

- Enhanced sound reduction enclosure
- Inverter and digital production counter
- One over one thread deflector
- Beater opening diameter: 1¾" (44.4mm)



Automatic Yarn Break Stop

This device stops the machine automatically when a yarn strand breaks or snarls or the supply is exhausted. In most cases, the strands do not require tying; it is only necessary to pick up the loose strand, hold it at the braiding point, and restart the machine. The machine will automatically braid in the strand.

Adjustable Traverse Mechanism

The adjustable traverse mechanism insures that the finished braided product is wound level on the windup reel.

Take-up Wheel Pressure Roll

The take-up wheel pressure roll holds the braid firmly against the take-up wheel so that the finished braid cannot slip back and bunch at the braiding point.

Mechanical Production Counter

The production counter measures and records, in feet or meters, the length of the finished braided product.

Beater Mechanism

The beater mechanism vibrates the strands of material, causing them to mesh more readily.

Other Models

Rapid braids are produced in 16 and 24 carrier version and can be used to braid wire (at reduced speeds) or textile yarn.

9/95. Specifications and construction details may be changed without notice.

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