

Packaging - Processing
Bid on Equipment

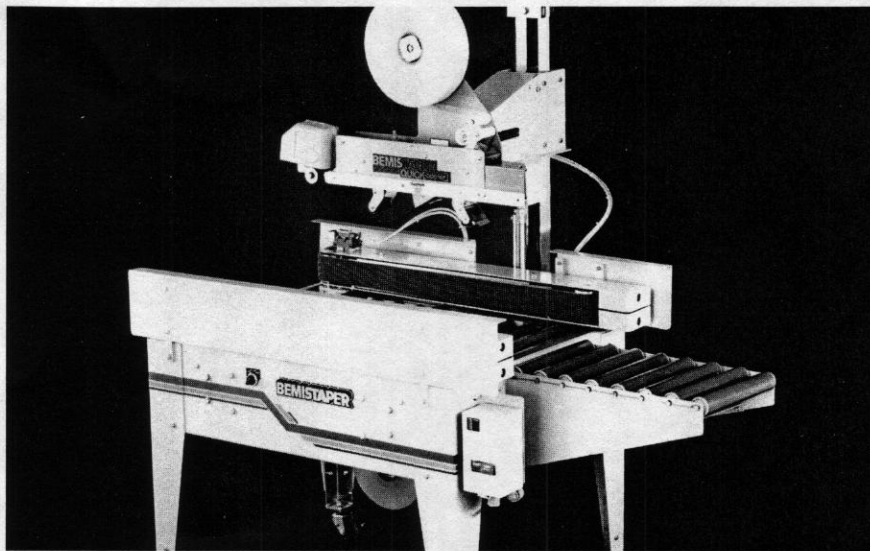
1-847-683-7720

www.bid-on-equipment.com

BEMISTAPER

1020-S

Random Box Sealer
Side-Belt Design



The BEMISTAPER 1020-S Random Taper is a side-belt machine that automatically applies pressure

sensitive tape to both top and bottom of previously closed random size cases.

Now Available With
QUICK-opener™
and **Tension-Master™**
Taping Heads

Operation

The case, with all flaps closed, is pushed against an actuator located on the infeed end of the BEMISTAPER. The upper tape head moves upward until it clears the top edge of the case. The case is then pushed forward several inches to where the side-belts move in to center the case. The upper tape head then lowers onto the case, and the side-belts automatically advance the case through the taping

heads (or head). The tape heads apply the tape to the leading panel approximately 2" (51 mm) from the top and the bottom. The tape is then applied to the top and bottom of the container and 2" (51 mm) along the trailing panel, both top and bottom. As the tape is applied, a series of 3 rollers on the top and 2 on the bottom "buff" the tape to ensure its adhesion to the container.

Once the proper length has been dispensed, a spring-loaded serrated blade is released, cutting the tape.

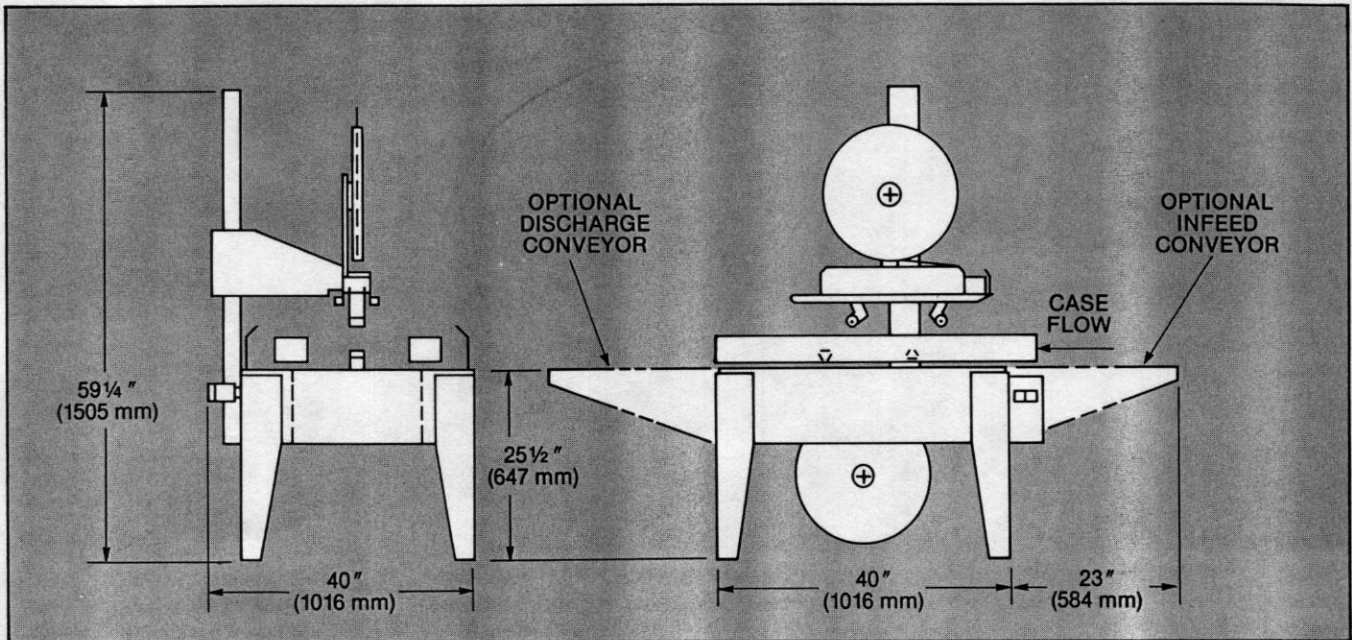
The cut end remains securely in place and is applied to the leading panel of the following container. As the container leaves the taping section, the rear pressure roller follows the trailing end of the container, applying the final compression to the tape.

When taping is complete, the upper tape head returns to its bottom position, ready to accept the next container.

Design Features

- Tension-Master™ tension control system. The Tension-Master taping head incorporates a constant tension roller and a pivoting knife arm — both to ensure consistent case sealing time after time.
- Self-adjusts to case size within machine limits.
- Head elevating design utilizes ball bearings for low friction and superior longevity.
- Polyurethane pressure rollers for extra long life.
- Side-belt design provides maximum stability and positive transfer.
- Long lasting urethane "grip top" belts provide positive traction.
- Plug into 115 volt outlet and connect to suitable (70 psi minimum) air supply.
- Overload protection for electrical system.
- Control system completely pneumatic for simplicity — no solenoids or relays to malfunction.
- Interchangeable tape applicators. Bottom applicator can be removed without tools; simply lift out to reload.
- Modular construction facilitates replacement of worn components.
- Cantilevered head mount for easy access to functional areas.
- Long life knives with effectively designed guards. Can be replaced easily without tools.
- Uses polypropylene and other plastic film tapes from 1½" to 2" wide (38 mm to 51 mm).
- Adjustable tape tension for various gauge tapes.
- Rugged heavy steel construction for durability.
- Quiet operation — 8 moving parts are sound dampened.
- Made in the U.S.A. by Bemis and their Packaging Machinery Division, which has been designing and building innovative packaging machinery since 1930.
- Three-year warranty on tape head and one-year warranty on entire machine.

BEMISTAPER 1020-S Random Box Sealer Side-Belt Design



Specifications

OVERALL DIMENSIONS

Width: 40" (1016 mm)
 Length w/o Roller Deck Extension:
 48" (1219 mm)
 Length w/Roller Deck Extension:
 63" (1600 mm)
 Height w/o Leg Extensions or Casters:
 59 1/4" (1505 mm)
 Height w/Leg Extensions: 59 1/4" to 67 1/4"
 (1505 mm to 1708 mm)
 Height w/Casters: 62 3/4" to 70 3/4"
 (1594 mm to 1797 mm)

INFEED ELEVATION

W/o Casters and Leg Extensions:
 25 1/2" (647 mm)
 W/Leg Extension: 25 1/2" to 33 1/2"
 (647 mm to 850 mm)
 W/Casters: 29" to 37" (736 mm to
 939 mm)

POWER REQUIREMENTS

Two 1/2 HP General Purpose Motors,
 115 Volts, 1 Phase, 60 Hertz
 8.4 Amp Maximum Current Draw
 (input cord and plug provided)

AIR REQUIREMENTS

Operating Pressure: 60 psi (414 kPa)
 Line Pressure: 70 psi (483 kPa)
 Maximum Free Air Consumption: 2 cu.
 ft./min.

CASE SIZE RANGE (STANDARD)

	MINIMUM	MAXIMUM
Length:	6" (152 mm)	(No Limit)
Width:	4 1/2" (114 mm)	20" (508 mm)
Depth:	4 1/2" (114 mm)	20" (508 mm)

RECOMMENDED TAPE ROLL SIZE

Maximum Roll Dia.: 19" (483 mm)
 Roll Core Inside Dia.: 3" (76 mm)
 Maximum Tape Width: 2" (51 mm)
 Minimum Tape Width: 1 1/2" (38 mm)

PRODUCTION SPEED

Maximum speed when running random size cases is approximately 10 cases per minute, using an average case size of approximately 12" (305 mm) long as an example. Speed is totally dependent on container size and operator proficiency. Machine is set to operate at 63 lineal feet (19.2 m) per minute.

SHIPPING WEIGHT

W/o Options: 510 lbs. (236 kg)

Optional Parts

- QUICK-opener™ pull-tab system applies a QUICK-opener pull tab to the leading panel of the box.
- Low profile capability.
- Extended height capability.

- Pack assist tables — holds empty boxes in place.
- Stainless steel machine.
- Roller deck extension for infeed side of taper — 23" long (584 mm).
- Roller discharge conveyor — 23" long (584 mm).

- Leg extensions — from 2" to 8" (51 mm to 203 mm).
- Locking type casters (require leg extensions for mounting).
- Air compressor (if shop air is not available).

Machine photograph shows optional equipment. All illustrations and specifications are subject to change without notice and any drawing dimensions are not to scale and are approximate. Machines shown without guards are for illustrative purposes only. Guards are supplied and must be in place before operation. All sales are subject to our prevailing terms and conditions of sale.

The Packaging Specialists



The Bemis Company
 Distributor Products Division
 P.O. Box 2968, Oshkosh, WI 54903-2968
 800-328-4550

Packaging - Processing
Bid on Equipment

1-847-683-7720

www.bid-on-equipment.com