Sandiacre Packaging Machinery

TG400 - L

Single tube intermittent motion vertical bag maker

Principal Features

- Clutch-brake film transport system.
- Pneumatically-operated, intermittent motion cross seal jaws.
- Allen Bradley control system with PanelView touch screen operator interface with choice of languages and access restriction feature.
- Simple menu-based rapid storage and retrieval function for 50 product recipes.
- Simple and fast bag size changeover with one-piece forming sets.
- Full synchronisation for feed systems.
- Fully interlocked guarding system.
- Film reel runout device.
- Quick release, drop-on film reel air mandrel.
- Full configuration for polyethylene and/or heatseal materials.
- Independent temperature adjustment.
- Automatic out of tolerance monitoring for heatseal elements with instantaneous machine stoppage.
- Horizontal jaw obstruction detection, incorporating instantaneous machine stoppage.
- Friction drive film transport belts.

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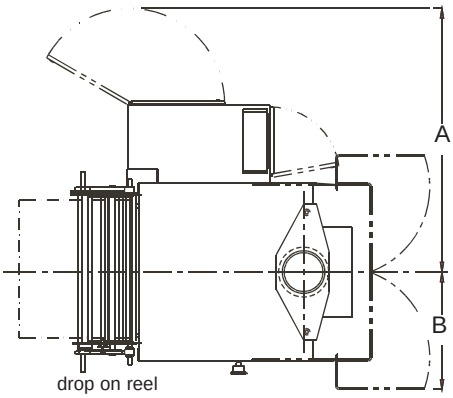
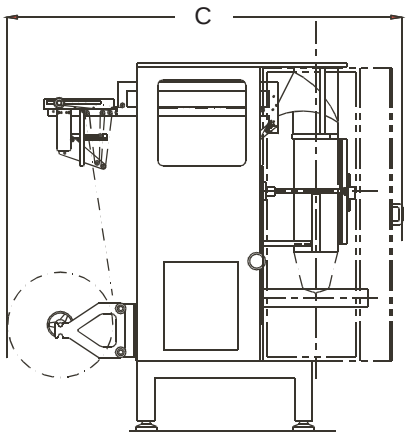
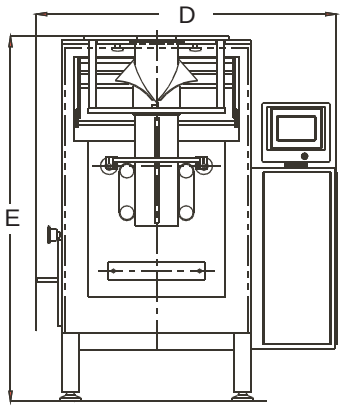
Dim	
A	1632 (64.25)
B	726 (28.58)
C	2257 (94.72)
D	1740 (68.50)
E	2119 (83.42)

Dimensions in mm with equivalent inches in brackets (for guidance only).







Technical Data

All information given below is dependent upon final machine specification, feed arrangement, product type and film specification.

Power Requirements

(20 Amp, 3-phase neutral and earth) 7KVA.

Operating Pressure

5.8 bar (85 lbs/sqin) (minimum).

Air Consumption (based on 60 bags/min.)

Heatseal = 705 litres/min (20 cu.ft/min).

DigiPoly = 1,340 litres/min (38 cu.ft/min).

Weight

1,700kg (3,747lb).

Bag Size (width)

120mm minimum/400mm maximum on pillow pack (4.7 to 15.7in).

Bag Size (length)

Up to 600mm on a single pull (23.6in).

Output

Up to 60 bags/minute.

Reel Mandrel

Core Diameter: Most sizes accommodated.

Outside Diameter: maximum 600mm (23.62in).

Optional Features

- Left or right hand positioning of the electrical control cabinet.
- Left or right hand positioning of the operator interface panel, irrespective of cabinet position.
- Fully enclosed stainless steel or painted mild steel construction.
- Stainless steel top tray.
- Single or twin drop-on, air operated film reel mandrels.
- Heatseal and/or DigiPoly (impulse weld) horizontal cross seal jaws and vertical backseal.
- Vacuum assisted belt-driven film transport.
- Semi- or fully-automatic film tracking control.
- Early tip hopper.
- Gas flushing.
- Static eliminator.
- Voltage surge protection.
- Full bag take-off elevator.
- Full bag rotary take-off table.
- Block bottom and/or gusset.
- Powered film reel unwind unit.
- Synchronisation for printer or labeller.
- Film reel runout advance warning.
- Film splicing attachment.
- Metal detection.
- Forming set inner tubes.
- Printer.
- Labeller.
- Bag clip attachment.
- Bag metering.
- Bag shaker.
- Bag support and discharge unit.
- Bag vibrator and discharge unit.
- Bag deflator.
- Servo film transport system.
- Ethernet connection for MIS/SCADA systems.
- Additional powered nip drive unit - only available with servo transport system.
- In-line zip applicator on TG400-LX machines.
- Rotatable horizontal cross seal jaws, converting the TG400-L to an LX version).
- High level horizontal cross seal jaws for multi-packing, converting the TG400-L to an LK version).
- Jaw Options:
  - nick knife.
  - gusset bag.
  - block bottom.
  - date coding.
  - strip pack.
  - punch hole.
  - carrier bag handle.
  - heated Euroslot.
- A twin tube version is available (reference TG400-LT).

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