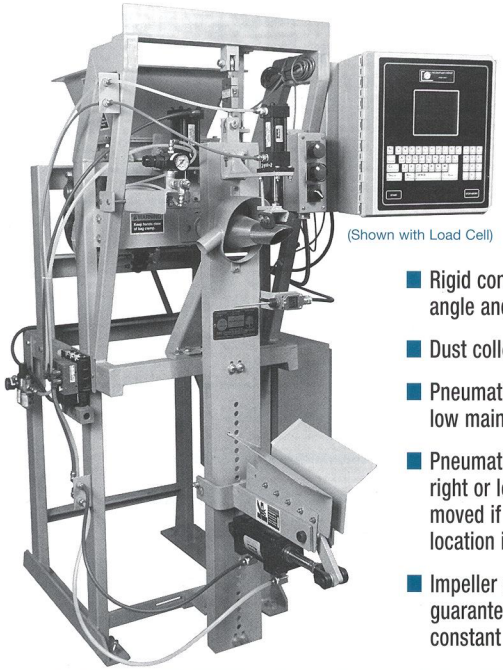
CHANTLAND
PVS
Material Handling Solutions

RAPID FLOW
IMPELLER PACKER

MODEL 4010

Designed as a single spout machine to package a wide variety of products at continuous high speeds. This impeller packer will handle products such as cement (94 lb cu ft bulk density, 325 mesh) to those products with less than half the bulk density and over twice the mesh size. It is capable of filling rates exceeding ten 50 lb. bags per minute without sacrificing weight accuracy and in multiple unit installations will maintain over twenty bag per minute production rates.



(Shown with Load Cell)

DESIGN FEATURES:

- Low head room requirements allow for ease of application and service
- Mechanical scale is a 3:1 ratio with inverted, hardened points. Trim weight can be mounted on beam or front post for easy adjustments to obtain excellent weight accuracy.
- Rigid construction of structural steel channel, angle and tubing.
- Dust collection hood and manifold are standard
- Pneumatic controls for simple operation and low maintenance
- Pneumatic controls can be mounted on rear, right or left side of frame and can be easily moved if additional units are added or packer location is changed.
- Impeller assembly is fed by two feed screws guaranteeing a uniform flow of material for constant reliable performance.

SOLUTIONS

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PACKERS • CONVEYORS • PALLETIZERS • SYSTEMS

RAPID FLOW
IMPELLER PACKER MODEL 4010

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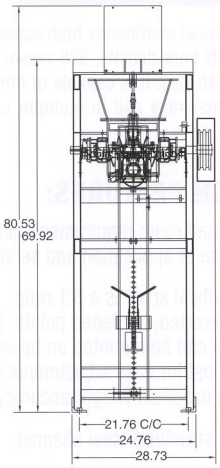
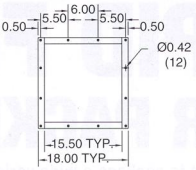
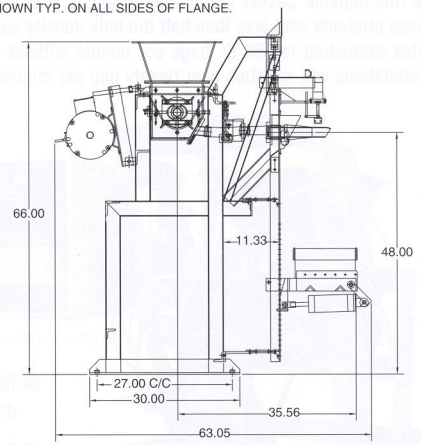
Typical Dimensions Model 4010
Front and Side View





TOP HOPPER FLANGE DETAIL
NOTE: DIMENSIONS SHOWN TYP. ON ALL SIDES OF FLANGE.



STANDARD SPECIFICATIONS:

- FILL WEIGHT RANGE: 20 to 110 lbs. (9 to 50 kgs.)
- FILL RATE: 4 to 12 bags per minute (depending on product characteristics)
- WEIGHT ACCURACY: +/- 3 oz. to 5 oz. (depending on product characteristics)
- ELECTRICAL: 230/460 v. 3 ph. 60 hz. Supply required. 7 1/2 1200 rpm TEFC motor, control transformer and 110v single phase, 60 hz controls included.
- AIR: 1 cfm, 80 psi required
- APPROXIMATE SHIPPING WEIGHT: 1000 lbs. (454 kgs.)

NOTE: Specifications subject to change without notice

OPTIONS

- Automatic bag start
- Automatic bag discharge
- All product contact stainless steel
- Packer base
- Casters with position locks
- Custom options available upon request
- NEMA 4 and 9 enclosures

NOTE: Testing may be required to determine obtainable speeds and accuracies on your product.

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