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ROTEX® BM&M

Rotary Star Chip Feeder

For the Control of Surges, Feed Rate and Distribution

BM&M's Rotary Star Feeder is a surge bin mounted device which evenly supplies chips to a chip screen. The Feeder is bolted to the bottom of a suitably sized surge bin by means of a flanged connection.

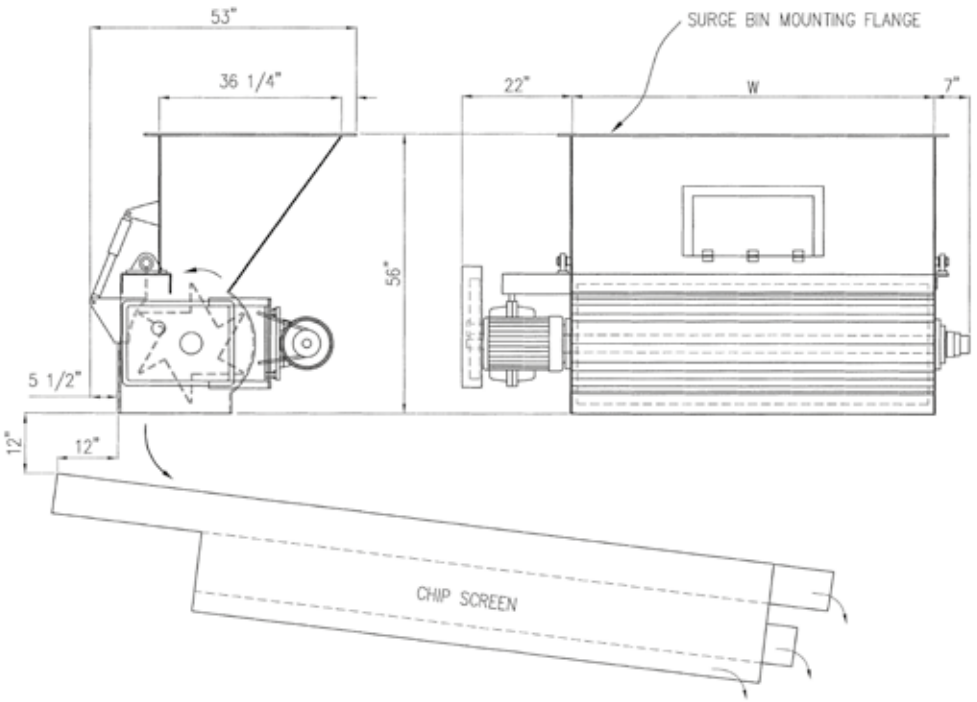
A surge bin and feeder can reduce the size of your chip screen by reducing the surge capacity requirements of the screen, and by increasing the chip screen's efficiency through even distribution. Standard practice is to use a feeder that is 1 to 2 feet narrower than the chip screen.

› Rotary Star Chip Feeder

Features

- Positive displacement 6-pocket rotor, evenly distributes load onto screen infeed chute.
- Two-row spherical bearings provide long trouble free life.
- Relief-gate controlled by adjustable pneumatic cylinders allows oversize chunks or debris to pass through.
- Standard drive components such as a shaft mount helical reducer,1800 RPM motor, v-belt drive and fully enclosed guard, make the feeder easy to service.
- Optional variable speed control gives infinite feed-rate control.

DIMENSIONS



WIDTH	WEIGHT	CAPACITY RANGE	UNIT/HR	HP
4′	2630	20	60	5
5′	2900	25	75	5
6′	3250	30	90	5
7′	3800	35	105	7.5
8′	4200	40	120	7.5
9′	4500	45	135	10
10′	4800	50	150	10
11′	5300	55	165	10

1 UNIT=200 Ft^2

SPECIFICATIONS

The BM&M Chip Feeder uses a star rotor design with:

- 24″ - 6 pocket star design
- 3/8″ mild steel construction
- 3-7⁄16″ cold rolled steel shaft
- Double roller bearing design

The Feeder housing features:

- ⅜″ mild steel material
- Self cleaning, full width relief gate with pneumatic control
- 12″ x 24″ access and clean out door
- Flanged mounting detail for mounting to the bottom of the bin.

The Drive assembly features:

- A helical gear shaft mounted reducer
- Drive motor, 1800 RPM, TEFC specs.
- V-Belt drive assembly
- Drive safety guard