

ROLLING STEEL INDUSTRIES

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SPECIFICATIONS OF ROLLING STEEL DOOR (PUSH-UP)

1. **CURTAIN:** Curtain shall be constructed of interlocking steel curve slat panels 3.6" high and .75" deep. Each slat shall be cold roll formed from a single steel sheet of 22 gauge galvanized steel.

***** ENDLOCKS ARE OPTIONAL FOR THIS MODEL**

The ends of alternate slats shall be fitted with malleable iron end locks to maintain slat alignment and prevent steel-to-steel wearing and ensure long lasting smooth operation.

2. **GUIDES:** Guides shall be cold roll formed from a single galvanized steel sheet of .125" thickness to create a self supporting seven leg 4" wide x 3" deep steel guide. Both guides shall be fitted with removable bellmount curtain stops to allow smooth operation. Each guide shall be continuous from the bottom of the opening to the top of the opening and extend above the opening header to support the coil brackets. Guides shall fasten to wall or wall framing with adequate fasteners not more than 30" apart.
 - 2A. 14 Gauge galvanized steel rolled edge guides 2 ½" wide attached to continuous 2" x 2" x 1/8" galvanized steel wall angle
3. **WEATHER SEALS:** Provide PVC clip on weather seal on each guide. At door head use 1/8" thick continuous sheet secured to inside of hood. (OPTIONAL)
4. **BAND SPRING COUNTER -BALANCE SYSTEM:** Flat spring steel wound around a steel tube and housed in a steel spring box with ball bearings. Each spring box turns independently. Each spring assembly is computer calibrated for accurate balancing of the curtain.
5. **BOTTOM BAR:** Bottom bar shall be constructed of one (1) custom roll formed galvanized steel section with optional vinyl or neoprene weather seal on bottom edge. The custom bottom bar is designed to interlock with slat contour.
6. **HOOD:** Hood shall be constructed of 24 gauge galvanized or painted over galvanized steel formed to fit the contour of the end brackets.
7. **OPERATION:** Standard operation is push up. (Optional) The door can be operated by a central gear motor.
8. **LOCK SYSTEM:** Shall be standard hasp and pin through guide to accept padlock supplied by others.

******Any motorized door must be equipped with a reversing safety device.***