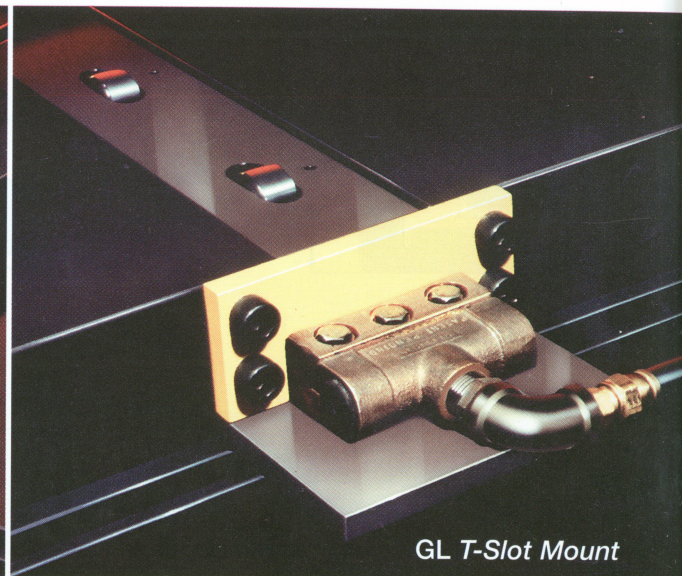




Bulletin DGL-00

(For Die Sets Weighing Up to 80 Tons)

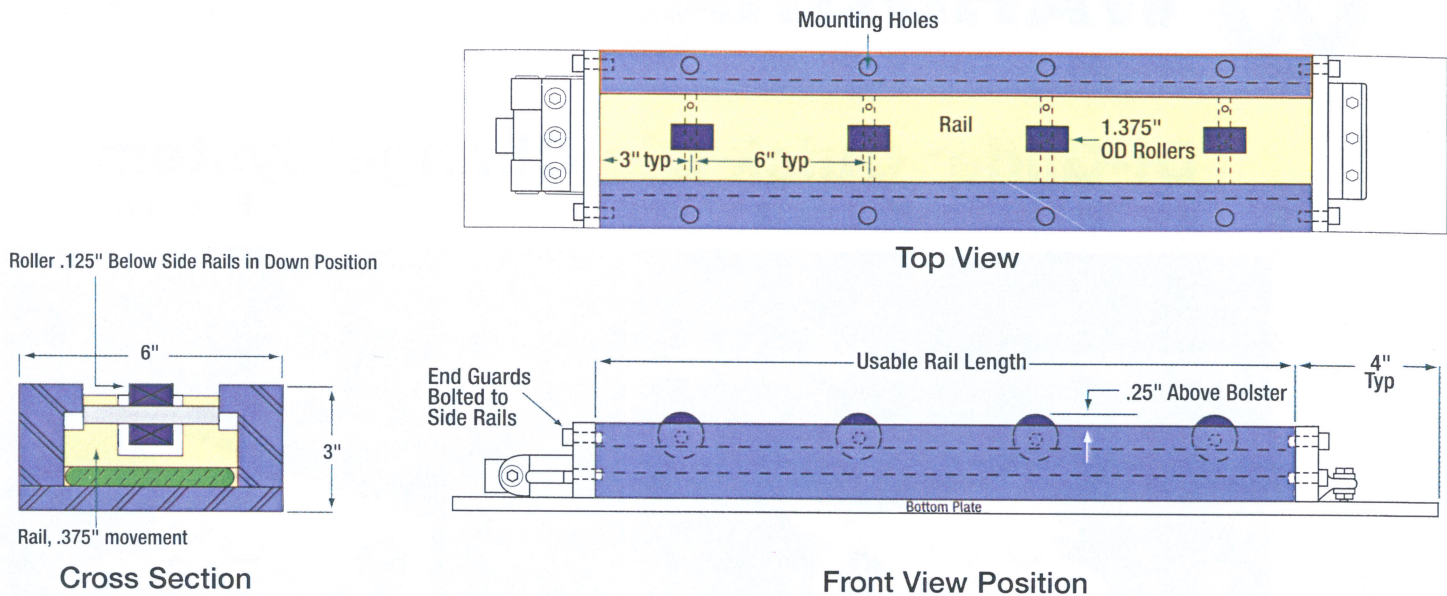
CHANGE QUICK DIE CHANGE QUICK DIE CHANGE QUICK DIE CHANGE QUICK



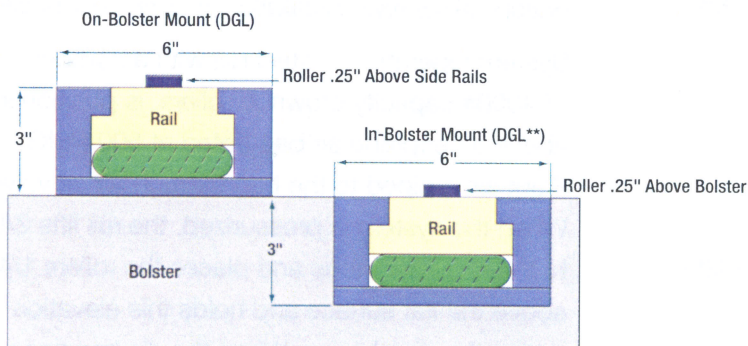
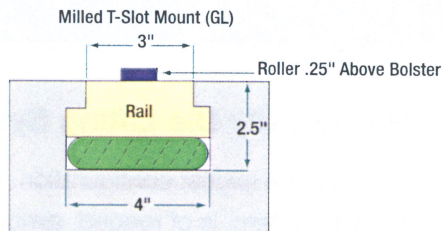
GL T-Slot Mount

System Operation: a steel rail with a number of 4000# capacity crowned rollers, is positioned above a neoprene air bag (rated at 500 PSIG). Plant air is piped to the bag through an air valve. When the system is pressurized, the rail lifts 3/8" to the shoulder stops and places the rollers 1/4" above the flat surface and holds this elevation during the die change. When the die has been positioned, the air is exhausted and the rail lowers 3/8" so that the rollers are now 1/8" below the flat surface. Two or more units may be connected, in series, through a single air valve for a complete die lifting system.

Di-Glide™ System



Mounting Styles



How To Order

The coefficient of rolling friction for the system is .015, so that a 10,000# die set requires only 150 pound force to position.

Lift force is computed with this simple formula:

$$\text{rail length (ft)} \times \text{PSIG input} \times 29$$

Therefore, a single 4 feet long rail at 90 PSIG would provide 10,440# of lift force, so that 2 rails could handle a 20,000# die set.

Required Information

1. Heaviest die set to go in this press _____
2. Bolster dimension from front to back _____
3. Plant air pressure you can count on _____

We welcome your inquiry and will be glad to discuss your requirements and recommend the system that best suites your needs.



Since 1897

WARDCRAFT
Conveyors & Quick Die Change

ONE WARDCRAFT DRIVE ■ SPRING ARBOR ■ MICHIGAN 49283-9757 ■ tel 800-782-2779
fax 517-750-2244 ■ www.quickdiechange.com or www.wardcraftconveyor.com