

Arnold Company

(800) 245-7505 ~ (618) 224-7505

Beam Mounted Door Demon[®] Hopper Gate Door Openers



Demon Fly

Our "Fly" beam mounted units offer a permanent and powerful solution for opening your toughest hopper gates safely and productively. The unit mounts to a heavy duty "sled" which easily slides back and forth on a 6" beam (beam not included). The standard manual lift mechanism allows the user to choose from 9 different height positions and the shaft is telescoping with one universal joint. This combination provides maximum flexibility to meet almost any requirement.

The unit is available in either electric over hydraulic (Demon Fly) or pneumatic power (Dragon Fly). The Demon Fly utilizes explosion proof motors available in either 1 phase or 3 phase and all applicable voltages up to 575 volt. The Dragon Fly operates best with 70 CFM @ 90 PSI using a 3/4" line.

Whichever power source you choose, the unit provides heavy duty continuous torque to the power shaft which turns the railcar capstan. The drive bit features a standard taper of 1 1/2" down to 1". The standard shaft length is 26", but additional lengths are available per your request.

Available Options and Accessories:

- "Demon Fly" Electric Motor Options:
 - o 2HP Available In Single Phase or Three Phase and 3HP Available In Three Phase
 - o 115, 208-230/460 or 575 volt available
 - o Electric Motors are rated/approved for use in Class I, Groups C & D, Division 1 as well as Class II, Groups F & G, Division 2 facilities
- Hydraulic powered lift kit for raising and lowering the power shaft (available on Demon Fly only)

**Door
Demon**[®]



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