

Arnold Company

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

“Dragon” - Door Demon Hopper Gate Door Opener



The Dragon is a pneumatic powered hopper gate door opener. This unit uses a 4 horsepower, air vane motor and a non-impacting planetary gear reducer for low noise and low maintenance while operating at a safe speed of 13.5 rpm (no load). The gear reducer is designed for a lifetime of operation. This unit will develop plenty of torque with the delivery of 70 cubic feet per minute (cfm) of air at 90 psi with a 3/4-inch air hose.

**Door
Demon**®

The Dragon comes equipped with a lubricator, air filter and 3/4-inch piping. The muffler is out of the way and the exhaust is dispersed for low noise (90 decibels) operation.

The picture above shows a Dragon equipped with optional powered (hydraulic) vertical adjustment to accommodate varying capstan heights and side-shifting wheels for easy maneuvering in difficult working environments. The standard shaft length is 26", but custom shaft lengths are commonly made per request. The drive bit features a standard taper of 1 1/2" down to 1".

IMPORTANT SAFETY FEATURES

Spring Return-to-Center Action on Both Drive and Hydraulic Adjustment Controls
Even-Balanced Weight Distribution for Safe and Easy Maneuvering
Stabilizer Bar for Torque Suppression
Low Maximum Noise: 90 dBA

PHYSICAL SPECIFICATIONS

28" Deep x 30" Wide (base unit without stabilizer bar or side-shift option) x 42" Tall
22" Operating Handle
6" to 20" Manual or Powered Hydraulic Vertical Lift Adjustment



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