

QPEC 10" x 6" Dual Crushing Rolls

Applications

Quinn laboratory anti-friction bearing crushing rolls are of rugged construction for batch or continuous abrasive size reduction service in mineral, chemical, and industrial applications. Ideal for batch sample feed preparation for subsequent grinding, leaching, and other processing steps. Also ideal as secondary or tertiary crusher in continuous pilot plant crushing plants. Are ideal for small continuous industrial applications involving brittle or friable material. Portable support stand is available for laboratory flexibility.

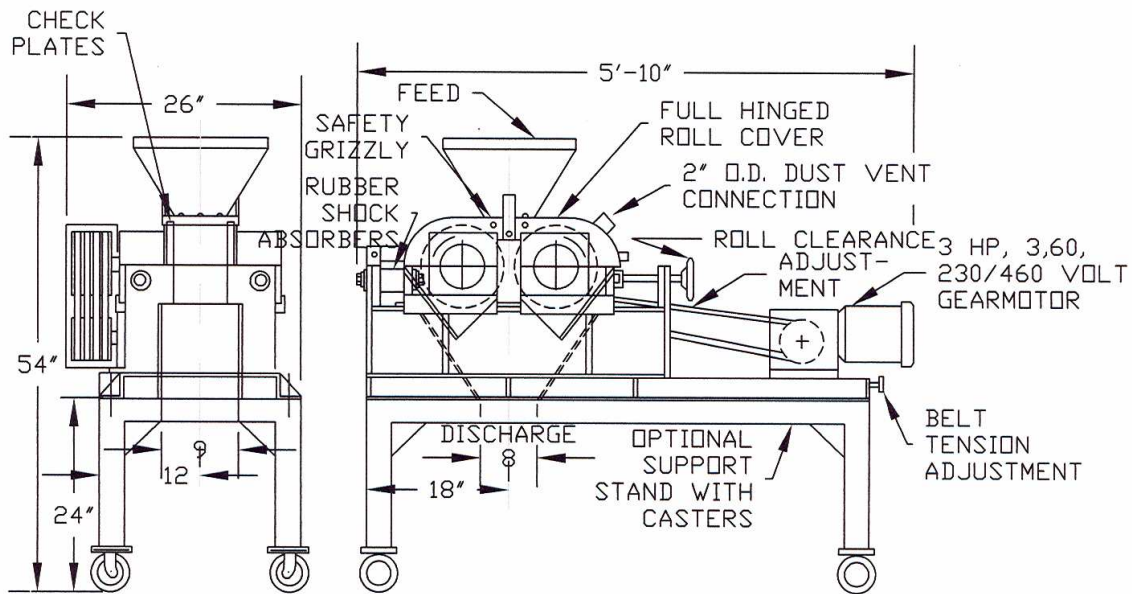
Capacity

Size reduction of 3/8" to 1/2" feed to approximately 10-mesh product in single or multiple pass operation. Feed rate to two tons per hour based on medium hard ore.

Advantages

1. Easy to operate with convenient hand wheels to adjust roll clearance for size adjustment or wear.
2. Designed for minimum maintenance costs with double seal roller bearings mounted in sealed carriers for removal as a roll shaft unit.
3. Roll shells and check plates. Roll shells shrunk onto tapered machined cores retain position even when shell wears thin. Roll shells are of alloy steel for abrasive service.
4. Full roll cover is hinged for ease of cleanout between sample runs.
5. Hard rubber "bumpers" position fixed roll minimize shock and help protect against damage due to tramp material.
6. Available with portable support stand for laboratory flexibility.
7. Includes large diameter connector for attachment of dust venting system.
8. Includes feed hopper with grizzly bars for safety, size and tramp protection.

(Dimensions and specifications on reverse side.)



G.A. QUINN 10"X6" DUAL CRUSHING ROLLS

Specifications

Base: Heavy structural steel, gusseted for rigidity, includes grease lubricated gibs to facilitate movement of crushing roll saddles. Includes dust vent connector.

Saddles: Heavy fabricated steel, machined for accurate roll positioning. One is fixed position by adjustable hand wheels, the other designed to absorb large shocks with rubber shock absorbers. Saddles ride on grease lubricated gibs.

Carriers and bearings: Sealed carriers are of machined steel and designed to transmit grease through double-sealed roller bearings and purge around the roll shaft.

Feed hopper and roll cover: Fabricated of heavy gauge steel with safety grizzly bars. Hopper bolts to roll cover. Roll cover is hinged and is easily moved to permit cleaning.

Subbase: Heavy 3/16" fabricated steel, one-piece base with integral discharge hopper which includes V-belt drive tension assembly.

Drive: 3 hp, 3 ph, 60 cycle, 230/460 volt TE gearmotor and multiple "double" V-belt drive. Includes OSHA type drive guard.

* Other electrical characteristics available.

Paint: Primed with rustoleum and finished with green enamel.

Assembly: Unit shipped completely assembled.

Optional: 24" high structural steel portable support base with casters.