

4240

Horizontal Shaft Impactor



Rotor Assembly

- SAE4150 solid steel shaft
- Grease lubricated spherical roller self-aligning bearings
- 3-bar or 4-bar MPR segmented rotor design
- 8V rotor sheave

Blow Bars

- Multiple metallurgies to fit specific applications
- Reversible

Primary and Secondary Aprons

- Fully lined fabricated apron with abrasion-resistant steel liners
- Hydraulic adjustment for easy crusher setting

Crusher Housing

- Fabricated plate
- Side inspection doors
- Hydraulically activated rear access door
- 1-1/4" Abrasion-resistant steel chamber liners

Options

- Electric, diesel, or hydraulic crusher drive
- V-belt drive (standard drive left hand with material flow)
- Hydraulic power pack for crusher lid
- Jib crane for blow bar removal
- Receiving hood
- Safety type v-belt guard

Physical and Operating Characteristics

| Dimension | Standard | Metric |
|-----------------------------|--------------|--------------|
| HSI Feed Opening Width | 40" | 1,016mm |
| HSI Feed Opening Height | 36" | 914mm |
| Approx. Capacity | 250 TPH | 227 MTPH |
| Rotor Width | 40" | 1,016mm |
| Rotor Diameter | 42" | 1,067mm |
| Blow Bar Weight | 402lb each | 182kg each |
| Apron Weight | 2,328lb each | 1,056kg each |
| Base Weight | 17,372lb | 7,879kg |
| 3 Bar Rotor Assembly Weight | 5,645lb | 2,561kg |
| 4 Bar Rotor Assembly Weight | 5,852lb | 2,654kg |
| Total Weight | 24,500lb | 11,111kg |
| Recommended Power Diesel | 190hp | 141 kW |
| Recommended Power Electric | 150hp | 112 kW |
| Rotor RPM Range | 450 - 625 | |

| Dimension | Standard | Metric |
|---|-------------------|-------------------|
| Rotor Tip Speed Range | 4,950 - 6,875 FPM | 1,509 - 2,096 MPM |
| Primary Apron Setting Range | 2" - 6" | 51 - 152mm |
| Secondary Apron Setting Range | 1" - 4" | 25 - 102mm |
| Operating Length | 103" | 2,616mm |
| Operating Width | 86" | 2,172mm |
| Operating Height | 96" | 2,443mm |
| *Operating envelope based on closed crusher | | |
| Service Length | 137" | 3,492mm |
| Service Width | 86" | 2,172mm |
| Service Height | 105" | 2,662mm |
| *Service envelope based on open crusher | | |

