

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		

