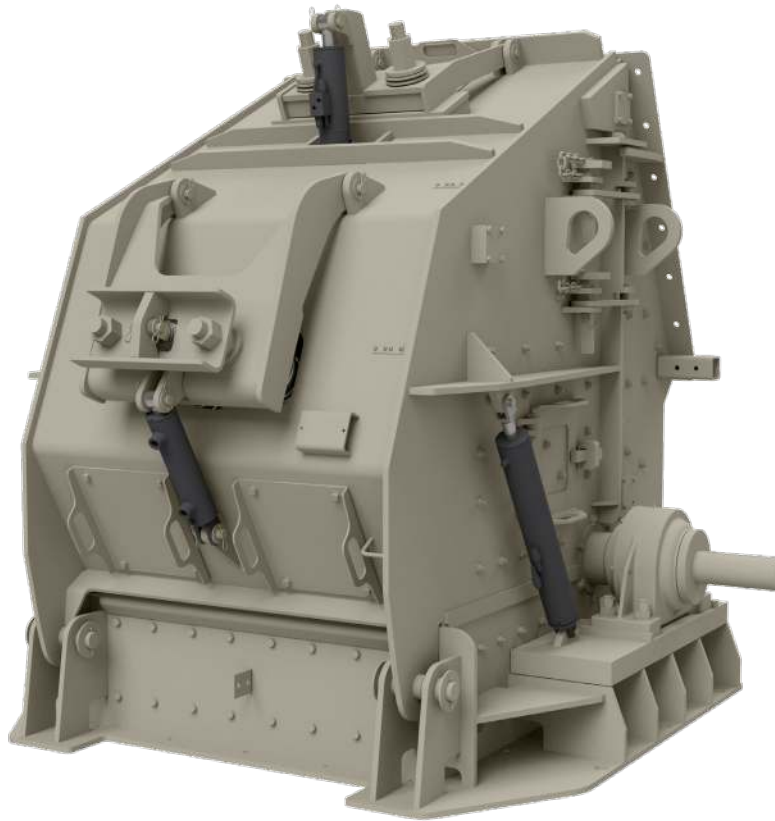


4250

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	50"	1,270mm
HSI Feed Opening Height	36"	914mm
Approx. Capacity	300 TPH	272 MTPH
Rotor Width	50"	1,270mm
Rotor Diameter	42"	1,067mm
Blow Bar Weight	521lb each	236kg each
Apron Weight	2,873lb each	1,303kg each
Base Weight	20,713lb	9,395kg
3 Bar Rotor Assembly Weight	7,218lb	3,274kg
4 Bar Rotor Assembly Weight	7,487lb	3,396kg
Total Weight	28,200lb	12,791kg
Recommended Power Diesel	265hp	197 kW
Recommended Power Electric	200hp	150 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	99"	2,506mm
Operating Width	97"	2,464mm
Operating Height	96"	2,438mm
*Operating envelope based on closed crusher		
Service Length	137"	3,480mm
Service Width	97"	2,464mm
Service Height	105"	2,667mm
*Service envelope based on open crusher		

