

1300 SERIES IMPACT CRUSHERS



STANDARD FEATURES

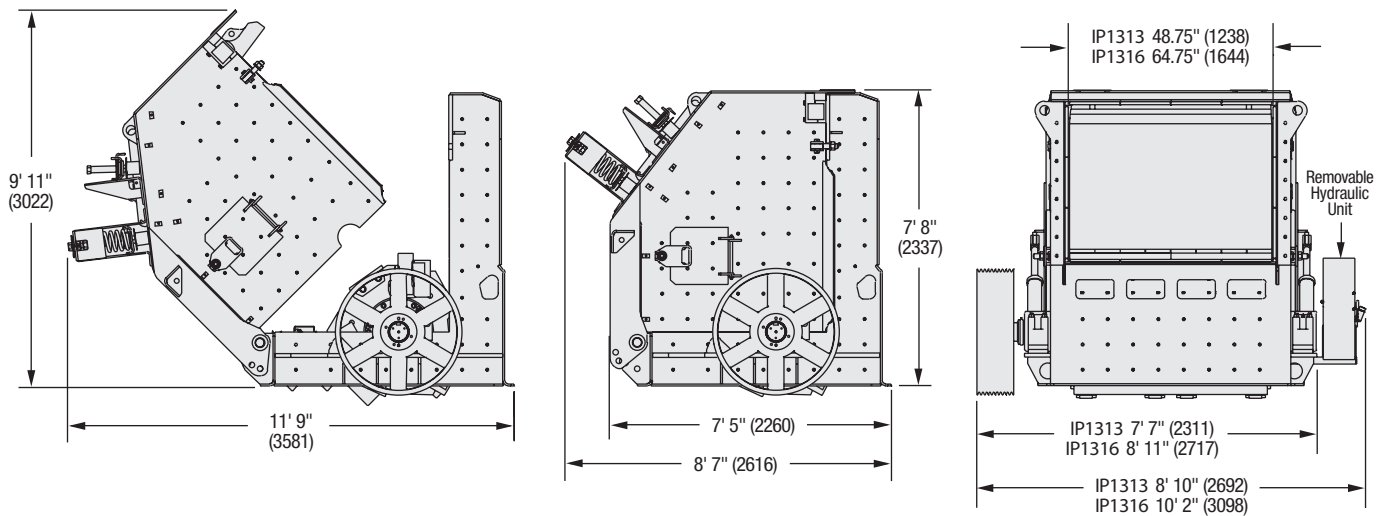
- ▶ Extra large feed opening
- ▶ Hydraulically opened frame
 - Large hydraulic cylinders
 - Integrated piloted locking valves
- ▶ Balanced high strength high inertia rotor
 - Massive backing bar with replaceable insert
 - Three bar impeller standard
 - Chrome-nickel-moly-steel flared shaft
- ▶ Patented center pull wedge system
- ▶ Replaceable rotor guards
- ▶ Large 5" (127 mm) thick one piece manganese steel impeller bars
- ▶ Massive cast manganese "monoblock" reversible primary apron
- ▶ Hydraulic assist apron adjustment
- ▶ Spring loaded secondary apron
- ▶ Easy removal of primary and secondary aprons
- ▶ Replaceable 3" (76 mm) thick high-chrome secondary apron liners
- ▶ AR500 replaceable frame liners
- ▶ 5 hp (3.7 kW) electric/hydraulic power unit (460-3-60)
- ▶ Large spherical roller bearings, hydraulically removable, taconite-type labyrinth seals
- ▶ Flanged feed opening accepts feed adapters
- ▶ Replaceable feed plate liners
- ▶ Easy access inspection doors
- ▶ Left hand drive (facing feed opening)

OPTIONAL EQUIPMENT

- ▶ 5" (127 mm) thick one piece tool steel impeller bars
- ▶ Four bar impeller rotor
- ▶ Tool steel secondary apron liners
- ▶ Bolt-on feed adapter with chain/rubber curtain
- ▶ V-belt drive
- ▶ 40" (1016 mm) drive sheave (1200 rpm motor, 360-610 crusher rpm)
- ▶ 44.5" (1130 mm) drive sheave (1800 rpm motor, 500-560 crusher rpm)
- ▶ 53" (1346 mm) drive sheave (1800 rpm motor, 420-470 crusher rpm)
- ▶ Right hand drive

SPECIFICATIONS

Terex® Minerals Processing Systems Cedarapids IP1313 & IP1316 Horizontal Primary Impactors



	IP1313	IP1316
Maximum Feed Opening	43-1/4" x 48-3/4" (1099 x 1238 mm)	43-1/4" x 64-3/4" (1099 x 1645 mm)
Maximum Feed Size	34" (864 mm)	34" (864 mm)
Tonnage	150-300 (136-272 tonnes)	250-400 (227-363 tonnes)
Horsepower	250-300 (186-224 kW)	300-400 (224-298 kW)
Rotor Speed*	350-610 rpm 4600-6500 fpm (23.3-33.1 m/s)	350-610 rpm 4600-6500 fpm (23.3-33.1 m/s)
Approximate Weights	three bar rotor 30,800 lbs (13,970 kg)	three bar rotor 38,500 lbs (17,463 kg)
Rotor Diameter	50" (1270 mm)	50" (1270 mm)
Standard Impact Bars (1 piece) Weight Thickness	two or three rows 832 lbs (377 kg) each 5" (127 mm)	two or three rows 1109 lbs (503 kg) each 5" (127 mm)
Primary "Monoblock" Apron Approximate Weight	4600 lbs (2087 kg)	6500 lbs (2949 kg)
Secondary Apron Liners (each) Weight	100 lbs (45 kg)	100 lbs (45 kg)
Side Plate Liners Weight	500 BHN 35-71 lbs (16-32 kg)	500 BHN 35-71 lbs (16-32 kg)

*For other speeds, consult factory.

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Effective Date: April 2012. Product specifications and prices are subject to change without notice or obligation. The photographs and/or drawings in this document are for illustrative purposes only. Refer to the appropriate Operator's Manual for instructions on the proper use of this equipment. Failure to follow the appropriate Operator's Manual when using our equipment or to otherwise act irresponsibly may result in serious injury or death. The only warranty applicable to our equipment is the standard written warranty applicable to the particular product and sale and Terex makes no other warranty, express or implied. Products and services listed may be trademarks, service marks or trade-names of Terex Corporation and/or its subsidiaries in the USA and other countries. All rights are reserved. Terex is a registered trademark of Terex Corporation in the USA and many other countries. © 2012 Terex Corporation.

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