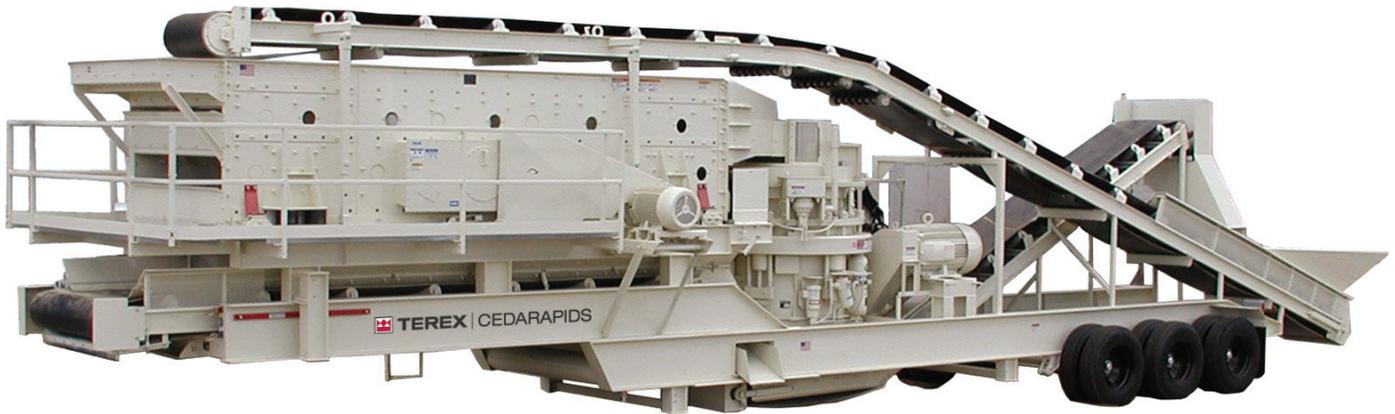


CSC 280 6203 PORTABLE CONE/SCREEN PLANT



STANDARD FEATURES

MVP280 Cone Crusher

- ▶ High efficiency ElJay[®] Rollercone[®] roller bearing construction
- ▶ Heavy-duty gear and drive train
- ▶ Spiral bevel gears
- ▶ V-belt drive and guard
- ▶ Heavy-duty cast steel base frame
- ▶ Manual hydraulic adjustment system
- ▶ Hydro-pneumatic tramp iron relief system
- ▶ Interchangeable crushing chambers (standard or fine) with manganese liners installed
- ▶ Hydraulic clearing
- ▶ Self-contained 18 gallon (68 liter) oil reservoir
- ▶ Oil flow meter
- ▶ Full-sized feed entry
- ▶ Anti-spin brake
- ▶ 200 hp (149 kW), 1200 rpm crusher motor and guard

LJ-TSH 6203-32 Triple Deck Horizontal Screen

- ▶ ElJay[®] oval stroke design with adjustable angle, stroke length & speed
- ▶ 24" (610 mm) feed box with AR liners
- ▶ Discharge lips with AR liners
- ▶ 40 hp (30 kW) motor, V-belt adjustable-speed drive and guard
- ▶ Keyless hub locking assembly
- ▶ Huck-bolted screen box

Conveyors

- ▶ Undercrusher conveyor with motor and drive guard
- ▶ Underscreen product conveyor with motor and drive guard
- ▶ Overhead feed conveyor (retracts for travel) with motor and drive guard
- ▶ All conveyor belts are 3-ply with vulcanized splices

Main Frame

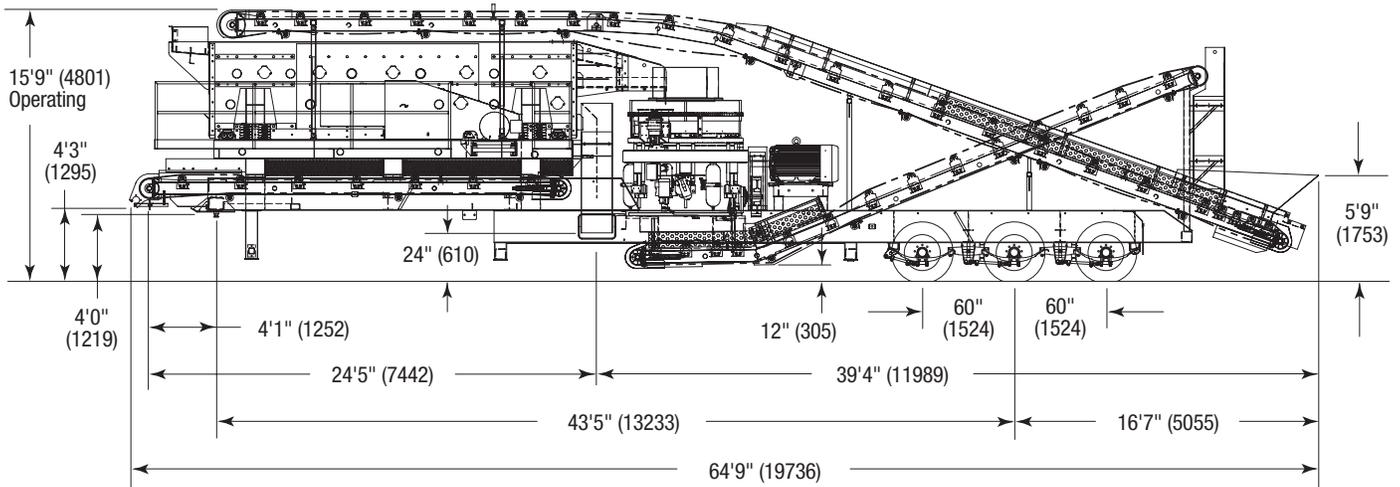
- ▶ Walkways and safety railings on both sides of screen
- ▶ Underscreen hopper
- ▶ Three axles
- ▶ Twelve 10-hole Budd wheels
- ▶ Mud flaps, brakes and turn signals
- ▶ Leaf spring suspension
- ▶ Fifth wheel kingpin
- ▶ Ladder to screen walkway
- ▶ Discharge chutes direct top deck overs to the crusher. Second deck overs go either to the left or right side, and/or to the crusher. Third deck overs go either to the left or right side or to the underscreen conveyor. All chutes are lined with 1/4" (6.4 mm) AR steel bottoms and sides.

OPTIONAL EQUIPMENT

- ▶ Complete electrical switchgear for on-plant motors
- ▶ Remote push-button box on 50' (15 m) tether
- ▶ Electric motor for cone
- ▶ Automatic cold oil circulation kit
- ▶ Hydraulic leveling jacks
- ▶ Hydraulic run-on jacks

SPECIFICATIONS

Terex® Minerals Processing Systems Cedarapids CSC 280 6203 Portable Cone/Screen Plant



SPECIFICATIONS

Components

Cone.....	MVP280
Screen.....	6' x 20' TD (1829 x 6096 mm)
Undercrusher conveyor.....	36" (914 mm)
Underscreen conveyor.....	60" (1524 mm)
Overhead feed conveyor.....	36" (914 mm)
Tires.....	Twelve 295 75R x 22.5 14-ply

Horsepower

Cone*.....	200 hp (149 kW)
Cone lubrication pump.....	1-1/2 hp (1.1 kW)
Cone hydraulic pump.....	10 hp (7.5 kW)
Screen*.....	40 hp (30 kW)
Undercrusher conveyor**.....	15 hp (11 kW)
Underscreen conveyor**.....	10 hp (7.5 kW)
Overhead feed conveyor**.....	20 hp (15 kW)

Note: All motors 460V, 60Hz, 3Ph

*1200 rpm, TEFC motor

**Helical bevel 90° gearbox with TEFC C-face motor

Travel Dimensions

Width (screen motor removed).....	12'0" (3658 mm)
Height.....	14'3" (4344 mm) @ 48" kingpin
Kingpin height.....	48" (1207 mm)

Operating Dimensions

Width.....	12'10" (3912 mm)
Height.....	15'9" (4801 mm)
Feed hopper height.....	69" (1752 mm) (hopper will accept feed from a 60" (1524 mm) wide conveyor)
Underscreen conveyor discharge height.....	51" (1296 mm)
Side chutes discharge height.....	24" (610 mm)
Side chutes width.....	19" (483 mm)

Approximate Weights (less options)

Total.....	107,500 lbs (48,762 kg)
Rear.....	57,500 lbs (26,082 kg)
Kingpin.....	50,000 lbs (22,680 kg)

Approximate Weights (with options)

Total.....	112,000 lbs (50,803 kg)
Rear.....	60,000 lbs (27,216 kg)
Kingpin.....	52,000 lbs (23,587 kg)

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Effective Date: March 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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