

CSC45III6203 PORTABLE CONE/SCREEN PLANT



STANDARD FEATURES

RC45III Cone Crusher

- ▶ High efficiency ElJay® Rollercone® roller bearing construction
- ▶ Hydraulic powered thread adjust and clamp system
- ▶ 5 hp (3.7 kW) 3-phase electric/hydraulic module with manual controls
- ▶ Non-ferrous thread inserts for wear resistance
- ▶ All heavy-duty roller bearing construction
- ▶ Heavy-duty cast steel base frame
- ▶ Large unobstructed feed opening
- ▶ Non-ferrous V-seat wear liners
- ▶ Quick reset hydro-pneumatic tramp iron relief system
- ▶ Self-contained oil reservoir
- ▶ Close running deep tapered grooved labyrinth seals
- ▶ 115 volt immersion oil heaters with thermostat
- ▶ Lubrication oil flow safety switch and warning horn
- ▶ Non-bridging sloped feed hopper

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

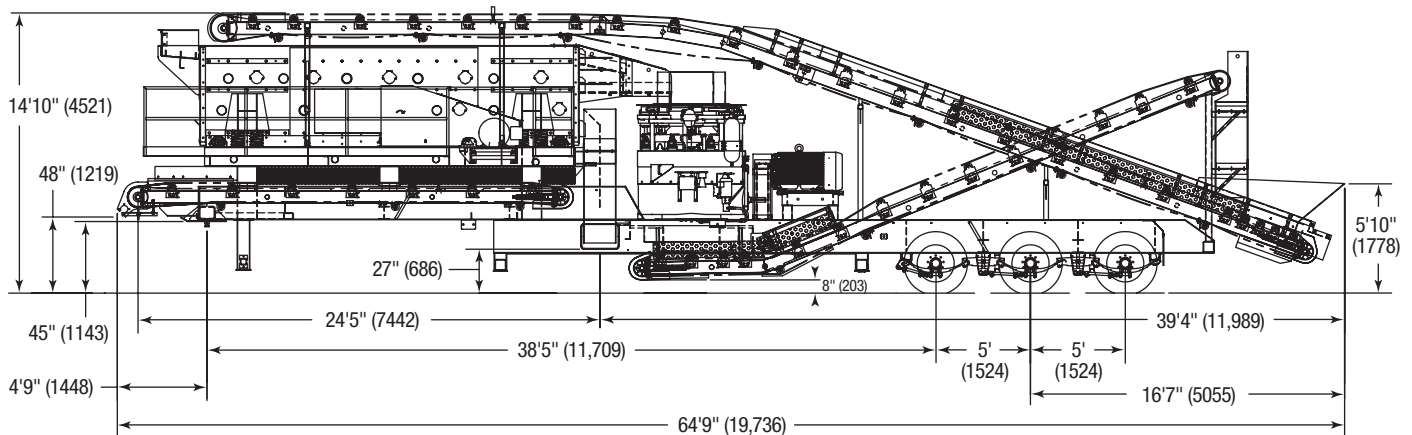
- ▶ Walkways and safety railings on both sides of screen
- ▶ Underscreen hopper
- ▶ Three axles
- ▶ Twelve 10-hole Budd wheels
- ▶ Mud flaps, brakes and turn signals
- ▶ Leaf spring suspension
- ▶ Fifth wheel kingpin
- ▶ Ladder to screen walkway
- ▶ Discharge chutes direct top deck overs to the crusher. 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 CSC45III6203 Portable Cone/Screen Plant



SPECIFICATIONS

Cone.....	RC45III
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 11:00R x 22.5 14-ply

Horsepower

*Cone.....	200 hp (149 kW)
Cone lubrication pump.....	1-1/2 hp (1.1 kW)
**Cone hydraulic pump	1/2 hp (.37 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)

All motors 460V, 60Hz, 3Ph unless noted.

*1200 rpm, TEFC motor

**115V, 60Hz, 1Ph

Travel Dimensions

Width.....	12'-0" (3658 mm)
Height	14'-3" (4343 mm)
Kingpin height.....	48" (1219 mm)

Operating Dimensions

Width.....	12'-0" (3658 mm)
Height.....	14'-10" (4521 mm)
Feed hopper height.....	70" (1178 mm)
(will accept feed from a 60" (1524 mm) wide conveyor)	
Underscreen conveyor discharge height	48" (1219 mm)
Side chutes discharge height.....	27" (686 mm)
Side chutes width	20" (508 mm)

Approximate Weights

Total (less options)	106,300 lbs (48,220 kg)
Rear	56,500 lbs (25,630 kg)
Kingpin.....	49,800 lbs (22,590 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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