TEREX®

Terex® Minerals Processing Systems
Cedarapids® CRH1313R

CRH1313R PORTABLE HSI/SCREEN PLANT



STANDARD FEATURES

- IP1313 horizontal shaft impact crusher
  - Hydraulically opened frame and apron adjustment
  - High inertia 50" (1270 mm) diameter, 48" (1219 mm) wide 3-bar rotor with patented center pull wedge system
  - Feed chute chain curtain
  - Gas hydraulic power unit for crusher open and apron adjust
- 450 hp (335 kW) Tier 4 diesel engine
  - Coupled to crusher and generator with hydraulic clutch
- 200 hp (150 kW) generator and removable electrical panel with controls for all on-plant conveyors and vibratory equipment
  - Panel includes controls for two 25 hp (19 kW) off-plant conveyors (includes plugs and receptacles)
- Vibrating grizzly feeder, 48" x 16' (1219 x 4877 mm); 25 hp (19 kW)
  - Straight 5' (1524 mm) long bolt-in adjustable grizzly bars
  - 1/2" (13 mm) AR400 replaceable bolt-on side and floor liners
  - 5/8" (16 mm) AR400 hopper
  - Bypass chute diverts grizzly fines to undercrusher pan feeder
- Wireless remote control for feeder with backup remote (on/off and speed control)
- Removable feeder module
- Screen, conveyors and magnet option move hydraulically into and out of transport position (patent pending)
- Triple axle suspension with 295/75 R22.5 tires
- Undercrusher 36" x 96" (914 x 2438 mm) high-stroke pan feeder
  - Collects high impact crusher discharge and grizzly fines, reducing conveyor maintenance
  - Dual 3 hp (2.3 kW) motors provide high energy feeder motion
- Inclined screen, 5' x 16' (1524 x 4877 mm) two-deck, 15 hp (11 kW)
  - Steeper top deck for improved scalping performance
  - 17° top deck, 15° bottom deck
  - Both decks can recirculate to crusher or discharge off plant
- 48" (1219 mm) screen feed conveyor, 20 hp (15 kW)
- 42" (1067 mm) fines conveyor, 7.5 hp (5.6 kW)
- Two 24" (610 mm) reversible cross conveyors, 5 hp (3.7 kW)
- 24" (610 mm) return conveyor, 10 hp (7.5 kW)
- All conveyors include vulcanized 3-ply belts, CEMA C class rollers, rubber disc return rolls, and side guide rolls
- Easy maintenance features:
  - Service platforms by crusher, engine, and screen sides
  - Ratchet adjust crusher drive
  - Conveniently located grease banks
  - Pivoting screen base for easy access to screen wire
- 300 gallon (1135 liter) fuel tank allows over 10 hours of run-time
- Four hydraulic leveling jacks with adjustable rear drop down support legs
- Lockable 4' (1219 mm) long side mounted storage box

OPTIONAL EQUIPMENT

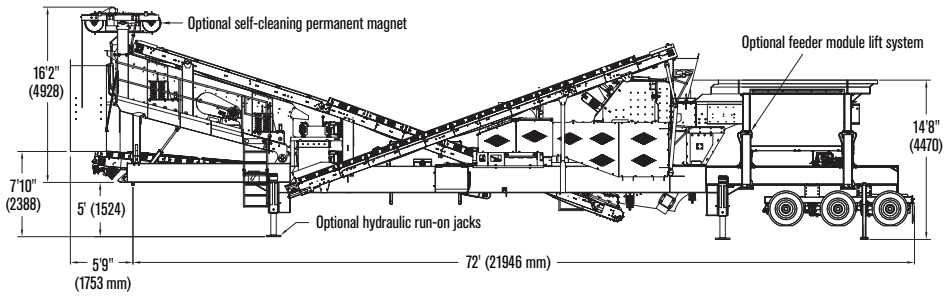
- Tier 3 diesel engine (in place of Tier 4F engine)
- All electric plant, 300 hp (225 kW) crusher motor and drive
- Self-cleaning 48" (1219 mm) wide permanent magnet
- Self-cleaning electro-magnet with panel enclosed rectifier circuit
- Hydraulic run-on jacks
- Two 32" (813 mm) stepped tapered cantilever tine grizzly sections
- Hydraulic lift system to remove feeder module from plant
- Hopper side extensions
- Removable side bulkheads
- 4-bar crusher rotor
- Tool steel or high chrome impact bars
- Crusher jib crane
- Screen wire cloth
- Screen wedge style clamp bolts
- Quad axle suspension
- Oversize 315/80 R22.5 tires

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SPECIFICATIONS

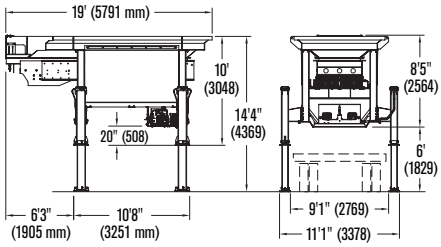
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Operational (shown with triple axle)



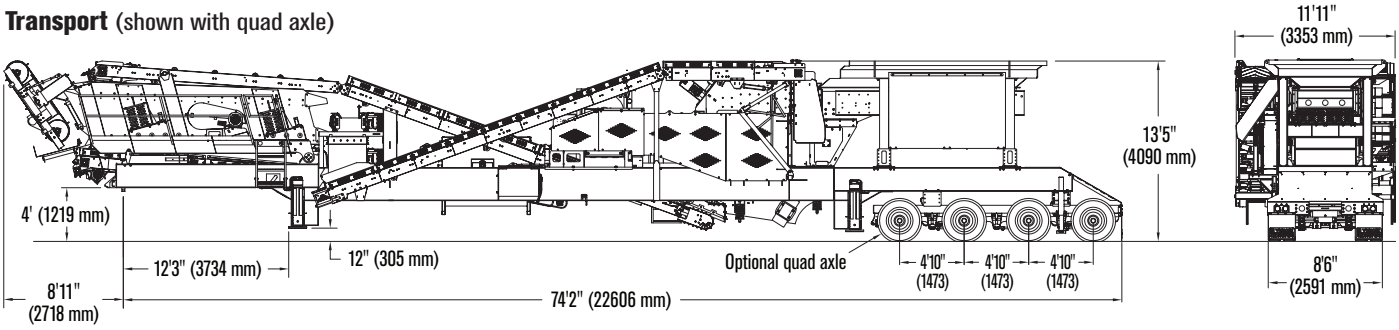
Triple axle travel length 76'7" (23343 mm); triple axle travel length with optional magnet 80'11" (24664 mm)

Optional Feeder Module Lift System



Feeder module with lift system: 18320 lbs (8310 kg)
Feeder module only: 15520 lbs (7040 kg)

Transport (shown with quad axle)



Quad axle travel length 78'9" (24003 mm); quad axle travel length with optional magnet 83'1" (25324 mm)

Estimated Weights

	Triple Axle		Triple Axle with Magnet Option	
	Kingpin	**Axles**	**Kingpin**	**Axles**
With Feeder Module	49720 lbs (22555 kg)	76350 lbs (34630 kg)	56350 lbs (25560 kg)	75700 lbs (34340 kg)
Without Feeder Module	48020 lbs (21780 kg)	59725 lbs (27090 kg)	54750 lbs (24835 kg)	59450 lbs (26965 kg)
	Quad Axle		**Quad Axle with Magnet Option**	
	Kingpin	**Axles**	**Kingpin**	**Axles**
With Feeder Module	49520 lbs (22460 kg)	79690 lbs (36145 kg)	55800 lbs (25310 kg)	79100 lbs (35880 kg)
Without Feeder Module	47890 lbs (21725 kg)	63000 lbs (28575 kg)	54250 lbs (24610 kg)	62700 lbs (28440 kg)

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Effective Date: March 2016. 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 failure to act responsibly 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. Terex, the Terex Crown design, Works For You, and Cedarapids are trademarks of Terex Corporation or its subsidiaries. All rights are reserved. © 2016 Terex Minerals Processing Systems.

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