

CEDARAPIDS®
A TEREX BRAND



Terex® MPS
Portable Plants

CRH1313R Portable
Impactor & Screen Plant



A world working better™

 **TEREX® MPS**

Terex® MPS Portable Plants

Portable Impactor and Screen Plant

Exceptional Productivity & Efficiency

Standard Features

- Tier 4 Diesel Engine 450 hp (335kW)
 - Coupled to crusher and generator with hydraulic clutch
- 200 hp (150kW) 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 back up remote (on-off speed control)
- Removable feeder module
- Screen, conveyors and magnet option move hydraulically into and out of transport position
- Triple axle suspension with 295/75 R22.5 tires
- Inclined screen 5' x 16' (1524 mm x 4877 mm) two deck, 15 hp (11kW)
 - Steeper top deck for improved scalping performance
 - 17° top deck and 15° bottom deck
 - Both decks can recirculate to crusher or discharge off plant
- 42" (1067 mm) fines conveyor 7.5 hp (5.6 kW)
- 48" (1219 mm) screen feed conveyor, 20 hp (15 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
- 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

- All electrical plant 300 hp (225 kW) crusher motor and drive
- Tier 3 diesel engine (in place of Tier 4F engine)
- 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 (2.3kW) motors provide high energy feeder motion
- Self-cleaning permanent magnet
- Self-cleaning eltro 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
- Crusher jib crane
- Screen wire cloth
- Screen wedge style clamp bolts
- Quad axle suspension
- Oversize 315/80 R22.5 tires

Ease of maintenance

- 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

Weight Specifications

Triple Axle	Kingpin	Axles
With Feeder Module	49,720 lbs (22,555 kg)	76,350 lbs (34,630 kg)
Without Feeder Module	48,020 lbs (21,780 kg)	59,725 lbs (27,090 kg)

Triple Axle with Magnet	Kingpin	Axles
With Feeder Module	56,350 lbs (25,560 kg)	75,700 lbs (34,340 kg)
Without Feeder Module	54,750 lbs (24,835 kg)	59,450 lbs (26,965 kg)

Quad Axles	Kingpin	Axles
With Feeder Module	49,520 lbs (22,460 kg)	76,690 lbs (36,145 kg)
Without Feeder Module	47,890 lbs (21,725 kg)	63,000 lbs (28,575 kg)

Quad Axle with Magnet Option	Kingpin	Axles
With Feeder Module	55,800 lbs (25,310 kg)	79,100 lbs (35,880 kg)
Without Feeder Module	54,250 lbs (24,610 kg)	62,700 lbs (28,440 kg)

IP1313 Horizontal Impactor Crushing Chamber

Impact Crusher Specifications

- 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

