

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) |

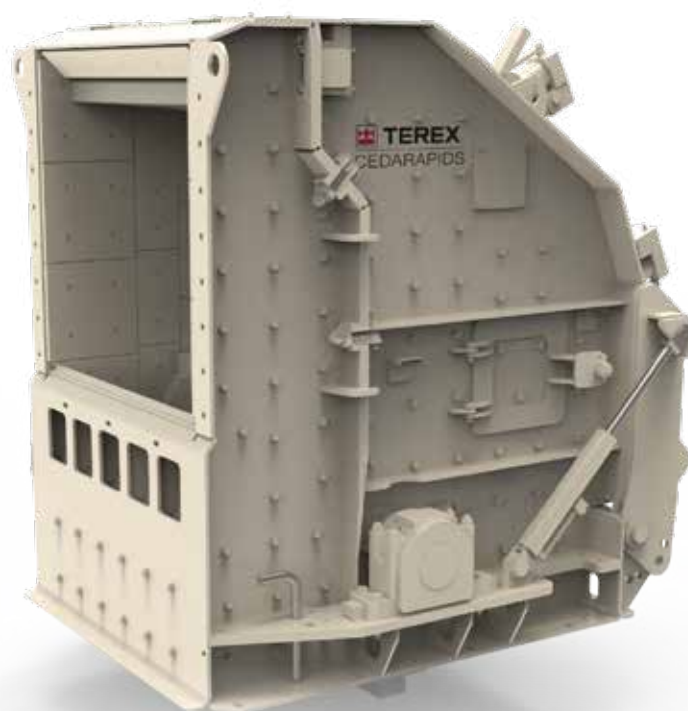
| Quad Axles | Kingpin | Axles |
|-----------------------|---------------------------|---------------------------|
| With Feeder Module | 49,520 lbs (22,460 kg) | 76,690 lbs (36,145 kg) |
| Without Feeder Module | 47,890 lbs (21,725 kg) | 63,000 lbs (28,575 kg) |

| 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



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