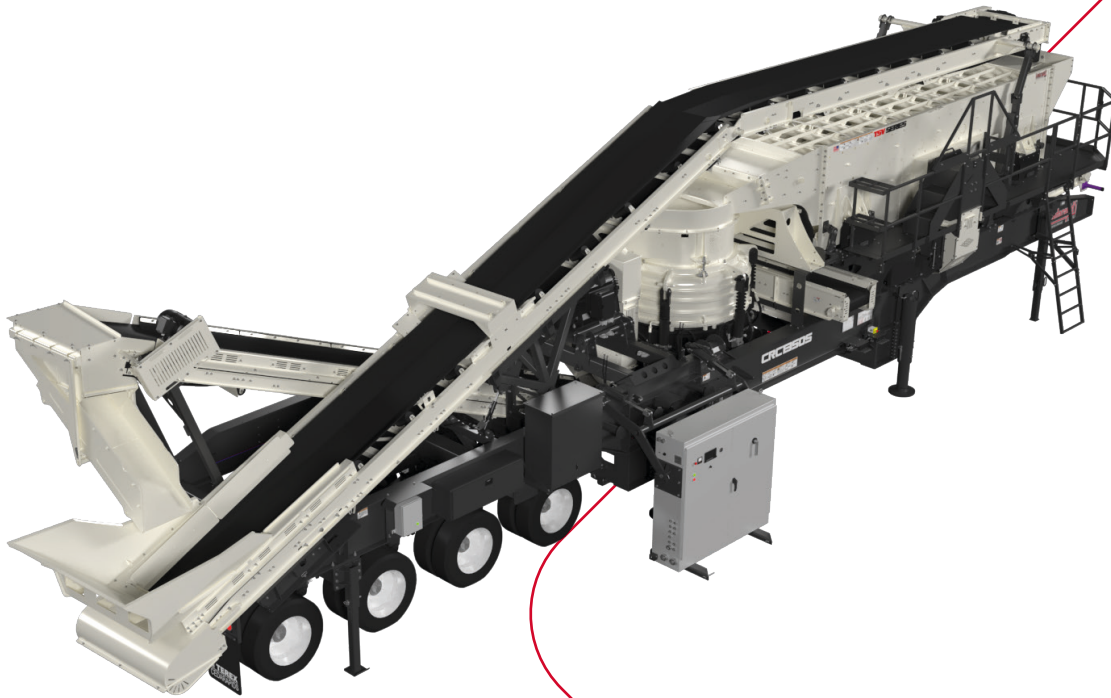


Portable Plants

CRC1350S Closed Circuit Cone & Screen Plant



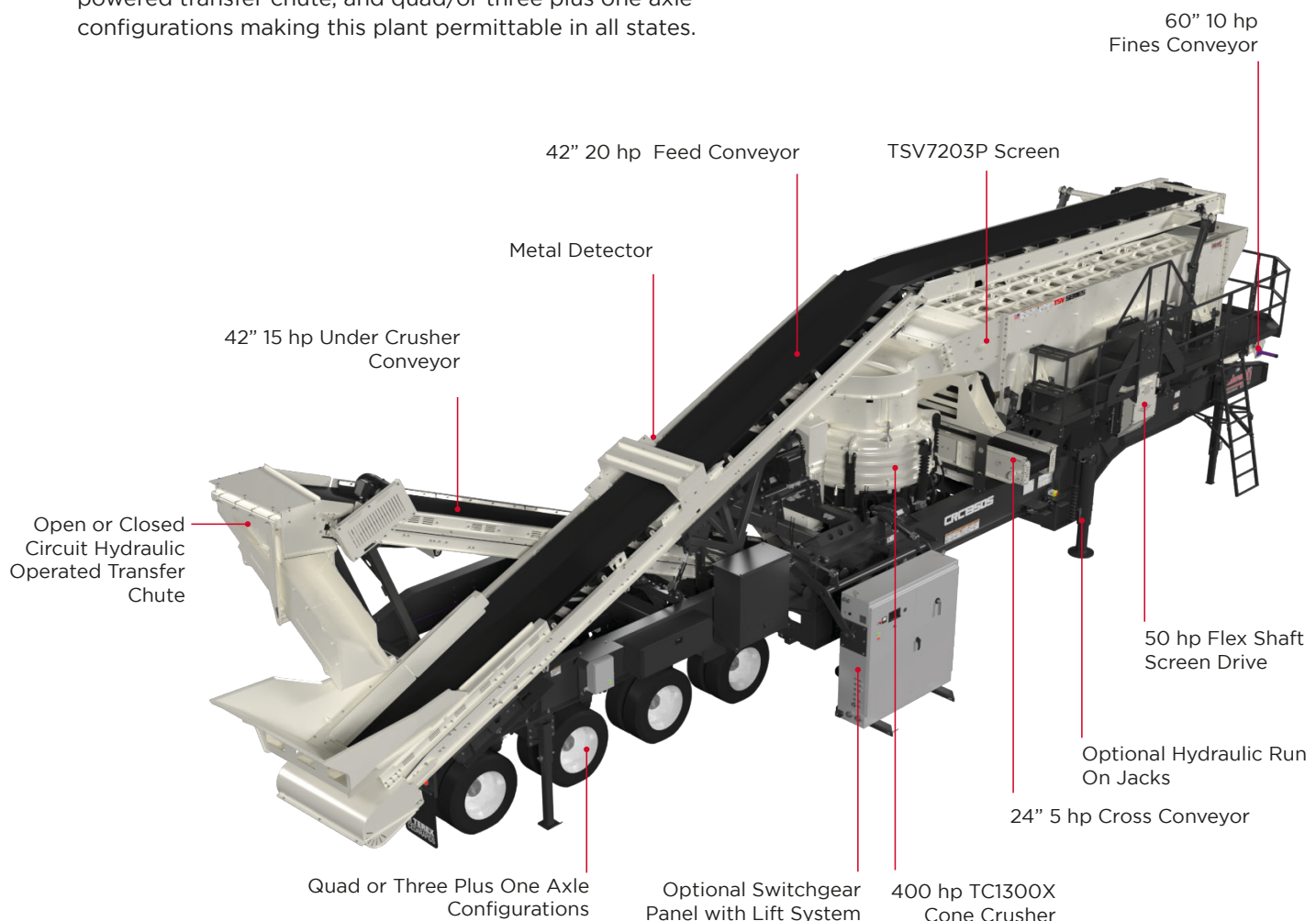
Cedarapids® Portable Plants

CRC1350S Closed Circuit Cone & Screen Plant

The Cedarapids® CRC1350S Portable Cone Crusher Plant is the **largest mobile closed circuit plant on the market**. Designed for high production at lower costs per ton, while remaining highly portable at 14ft. Featuring the TC1300X cone crusher with high efficiency roller bearings and several notable advancements that enhance performance and functionality. The crusher, powered by a 400 hp (300kW) motor, is paired with a 7' wide 3-deck screen to deliver peak productivity. Other key features include an oversized cone feed hopper with overflow chute, "straight-line" undercrusher conveyor, metal detector, service platforms, hydraulically powered transfer chute, and quad/or three plus one axle configurations making this plant permissible in all states.

Standard Features

- TC1300X cone crusher: standard mantle and medium coarse concave poured, oil lubrication tank with air blast cooler with piping, standard crusher tool kit and ACE 6 automated cone controls
- 400 hp (300 kW) 1800 rpm crusher motor
- Oversized quick-release cone feed hopper overflow chute
- TSV7203P Horizontal Screen with 50hp Flex Shaft Drive
- Hinged Screen Discharge Lip for convenient access to cone during liner changes
- Second deck of screen plant leg diverter chute with bolted 25% blending panels
- Screen service platforms including driver side hydraulic folding walkway and inclined access ladder
- Easy maintenance features
 - Conveniently located grease banks
 - Ground access cone lubrication module
- Emergency stop stations on both sides of frame



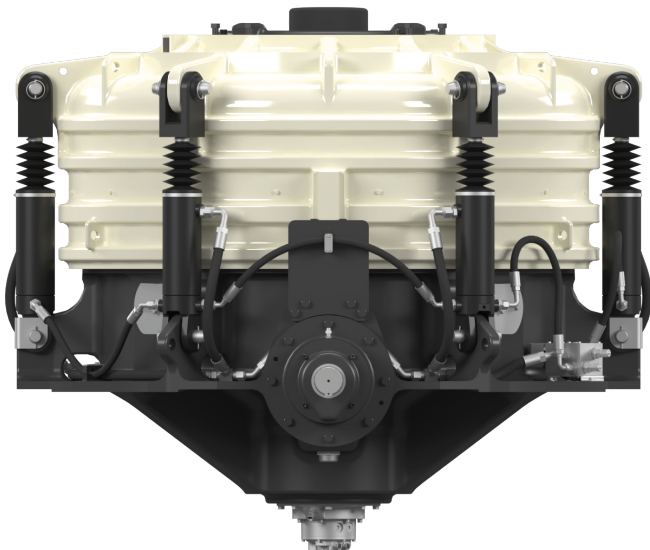
Options

- Electrical switchgear panel and hydraulic lift
- Power cables and quick disconnects
- Hydraulic leveling or pinned run-on jacks
- Three Plus One Single Pivot Suspension
- Oversize 315/80 R22.5 tires
- Various power configurations (380v thru 575v, 50hz or 60hz)

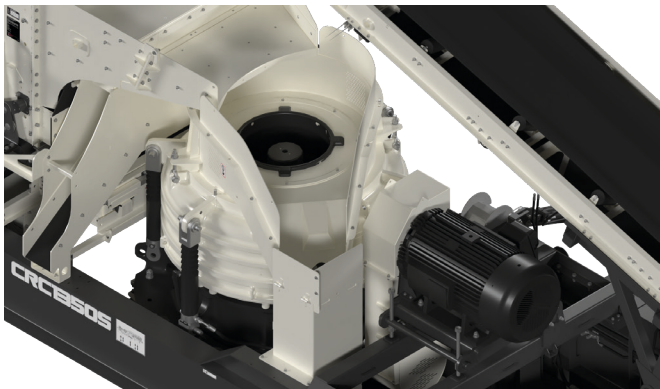
Cone Specifications

	Metric	Imperial
Motor Size	300 kW	400 hp
Cone Head Diameter (nominal)	1300 mm	51"
Maximum Feed Size	220 mm	8.5"
Maximum Closed Side Setting	50 mm	2"
Capacity @ 1" (25 mm) CSS	295 - 340 MTPH	325 - 375 STPH
Basic Crusher Weight	18,106 kg	39,917 lb
Bearing Type Thrust	Taper Roller	
Bearing Type Radial	Roller	
Adjustment	Hydraulic Cylinder	

Note: Listed throughput capacity, maximum feed size and motor requirements are approximate and will vary depending on material properties, feed gradation, moisture content, chamber selection, feed method and other site specific operating conditions.

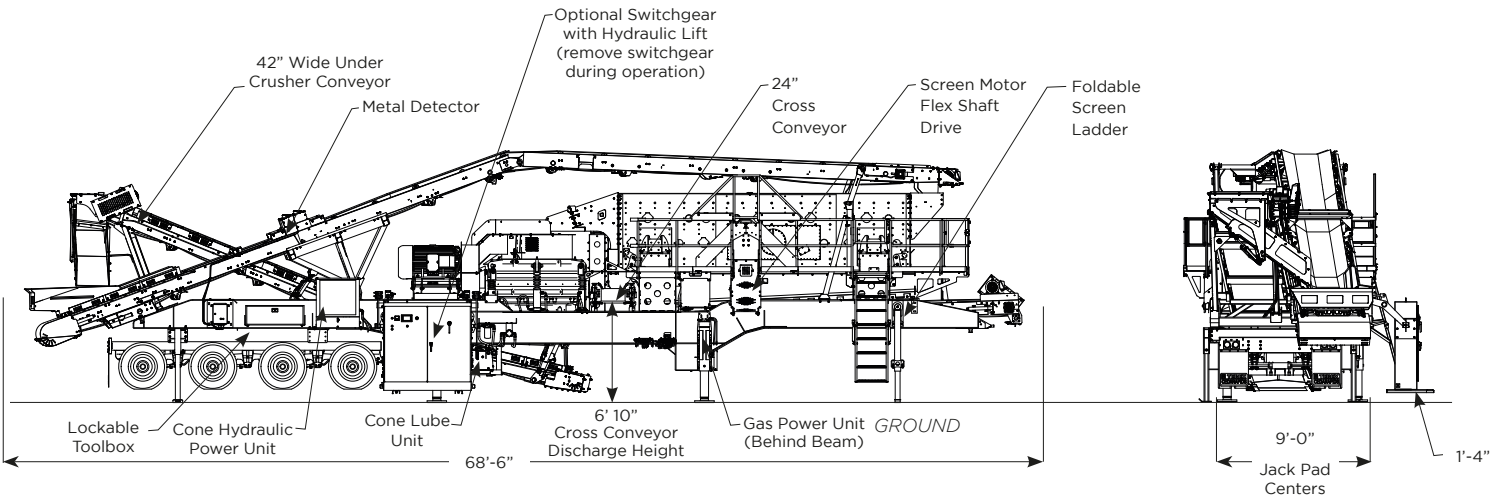


TC1300X Cone



View of the overflow chute

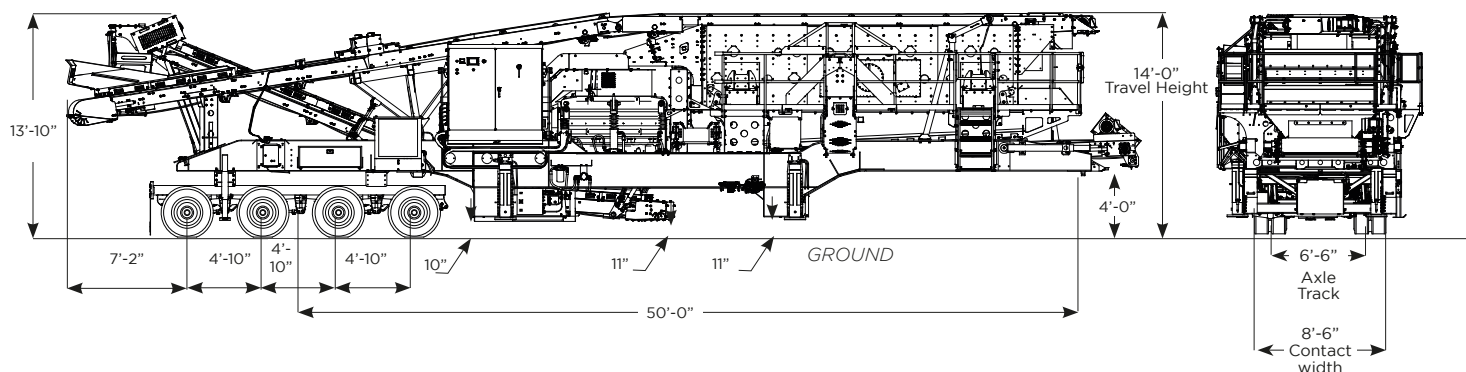
Working Dimensions



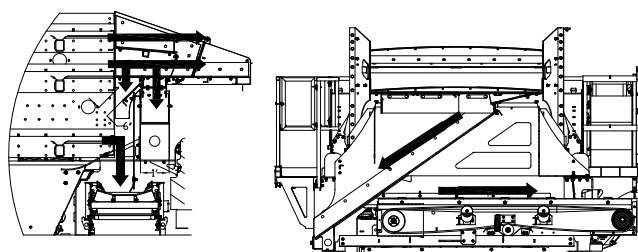
Shown with optional run-on jacks, switchgear controls and standard quad axle configuration.

Estimated Weights	Kingpin	Axle	Total
Base plant with optional run-on jacks, electric power panel and standard quad axle configuration.	57,841 lbs (25,329 kg)	75,510 lbs (34,251 kg)	133,351 lbs (60,487 kg)
Base plant with optional run-on jacks, electric power panel and optional three plus one axle configuration.	59,199 lbs (26,852 kg)	77,628 lbs. (35,211 kg)	136,827 lbs (62,064 kg)

Transport Dimensions



Power Requirements	hp	kW
Cone drive	400	300
TSV Screen drive	50	37
Overhead conveyor	20	15
Fines conveyor	10	7
Under crusher conveyor	15	11
Cross conveyor	5	4
Cone lube tank	1.5	1.1
Cone hydraulic power unit	3	2.2



Screen Blending

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Failure to follow the appropriate Operator's Manual when using our equipment or failure to act responsibly may result in serious injury or death.

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