



## Terex® MPS Wheeled Plants

Exceptional  
Productivity  
and Efficiency



A world working better™

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# Terex® MPS Wheeled Plants

## Exceptional Productivity and Efficiency

Terex® high-capacity wheeled crushing systems are designed to deliver and built last. They're quick to set up (and dismantle), easy to operate in any location – plus they offer true fuel efficiency.

Their exceptional portable, productivity, efficiency and quality deliver real advantages over other systems.

Save labour, power, maintenance plant relocations costs, time. Gain productivity and profitability.

Terex® MPS Portable Crushing and Screening Plants offer the essential flexibility, control and reliability to make the difference – whatever the application whatever the location.



# Wheeled Jaw Plant WJ1175

## Standard Specification

### JW42 Jaw Crusher

- V Belt Drive
- Motor mount belt guard
- 110 kW crusher motor
- All electric plant
- Hydraulic CSS adjustment
- Vibrating grizzly feeder
- 14.3' x 42.5" with stepped grizzly
  - wear resistant side and floor liner plates
  - 15 Kw variable speed drive
  - belt drive squirrel cage electric motor
  - heavy duty counter rotating shafts and oiled bearings
- Two-way bypass chute diverts material passing grizzly to undercrusher delivery conveyor
- 1000 mm wide under crusher delivery conveyor
  - Feed boot with wear resistant liners and guards
  - Impact bars directly under conveyor feed point
- Observation platform with access ladder, walkways and supports
- 2 jacks with handles
- 4 emergency stops
- Mounted on chassis with removable type triple axle bogie with tail lights

## Electrical Components





- Jaw unit electricals including cable kit, control panel and operator panel (standard plant set for 415v/50Hz)
  - weather protected robust control panel houses user-friendly controls

Options

- Truck Loading hopper - capacity 30 cub mt
- Foldable wing hopper - capacity 10 cub mt

JW42 Jaw Crusher

Approximate Component Weights & Basic Dimensions	
Motor Size	110 kW (150 hp)
Feed Opening	1070 mm x 760 mm (42" x 30")
Crusher Weight	17,300 kg (38,130 lbs)
Setting Range	75 mm to 200 mm (3" x 8")
Capacity	135 mtph - 430 mtph (155 stph - 480 stph)
Adjustment	Hydraulic Wedge
Frame	Bolted/Cast
Lubrication	Grease

Note: The capacities are based on dry, free flowing material with a Crushing Work Index of 16 and a bulk density of 1600 kg/cu m (100 lbs/cu ft). The data requires careful interpretation for particular materials and applications as machine capacity can be greatly affected by material properties and method of feeding.



# Wheeled Cone Plant WC1000/WC1000LS

## Standard Specification

### Cone crusher TC1000

- Squirrel cage electric motor of 170 kW
- All electric plant
- Chassis walkway assembly with ladder
- Walkway platforms around the screen
- Cone crusher lubrication tank
- Hydraulic tank and cooler accessories
- Automation system – 2 plc control for crusher management
- Terex 4 deck vibrating screen 5' x 14' with 15 kW motor and 5' x 18' with 22 kW motor
- 2 jacks with handles
- 4 emergency stops
- Mounted on chassis with removable type double axle bogie with tail lights

## Electrical Controls

- Cone unit electricals including:
  - Cable Kit
  - Control panel and operator panel (standard plant set for 415v/50Hz)
  - Weather protected, robust control panel houses user friendly controls

## Options

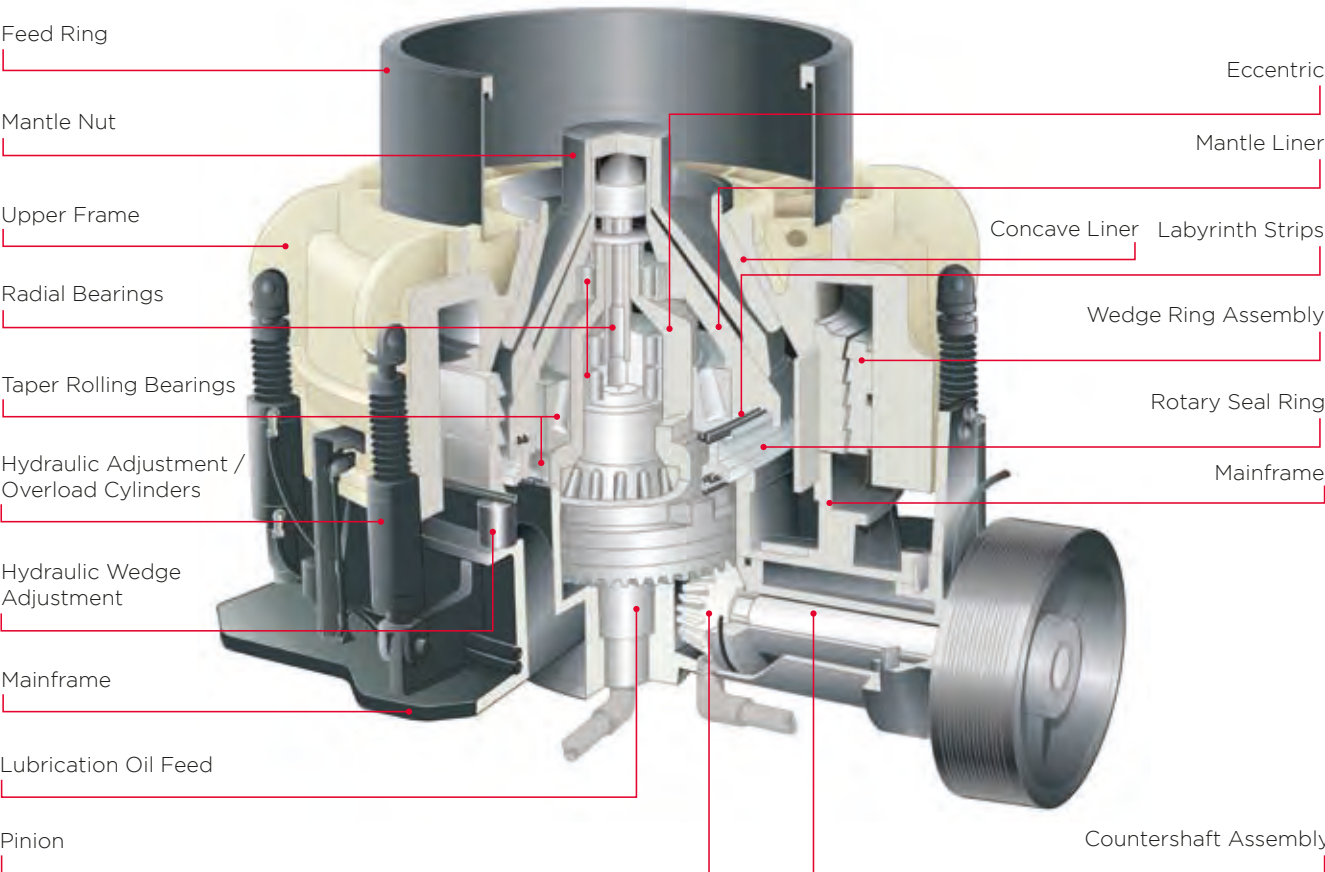
- Surge Hopper – 16 cub mt chassis mounted surge hopper with pan feeder (2500 mm x 800 mm)
- Crusher Chamber Configurations
  - Extra coarse: max feed size 195 mm
  - Medium coarse: max feed size 160 mm
  - Autosand: max feed size 63 mm



TC1000 Cone Crusher

Approximate Component Weights & Basic Dimensions	TC1000 Autosand	TC1000
Crusher Head Diameter	1000 mm (39.4")	1000 mm (39.4")
Motor Size	170 kw	170 kw
Max Feed Size	63 mm (2.5")	195 mm (7.7")
Crusher Weight	10,000 kg (22,040 lbs)	10,000 kg (22,040 lbs)
Capacity	85 - 150 mtph (95 stph - 165 stph)	125 - 220 mtph (135 stph - 240 stph)
Adjustment	Hydraulic Cylinder	Hydraulic Cylinder
PLC Control (System 2)	Standard	Standard

Note: The capacities are based on dry, free flowing material with a Crushing Work Index of 16 and a bulk density of 1600 kg/cu m (100 lbs/cu ft). The data requires careful interpretation for particular materials and applications as machine capacity can be greatly affected by material properties and method of feeding.



# Wheeled Cone Plant WC1150

## Standard Specification

### Cone crusher TC1150

- Squirrel cage electric motor of 225 kW
- All electric plant
- Chassis walkway assembly with ladder
- Walkway platforms around the screen
- Cone crusher lubrication tank
- Hydraulic tank and cooler accessories
- Automation system – 2 plc control for crusher management
- Terex 4 deck vibrating screen 5' x 14' with 15 kW motor and 5' x 18' with 22 kW motor
- 2 jacks with handles
- 4 emergency stops
- Mounted on chassis with removable type double axle with tail lights

## Electrical Controls

- Cone unit electricals including:
  - Cable Kit
  - Control panel and operator panel (standard plant set for 415v/50Hz)
  - Weather protected, robust control panel houses user friendly controls

## Options

- Crusher Chamber Configurations
  - Extra coarse: max feed size 220 mm
  - Medium coarse: max feed size 190 mm
  - Autosand: max feed size 110 mm

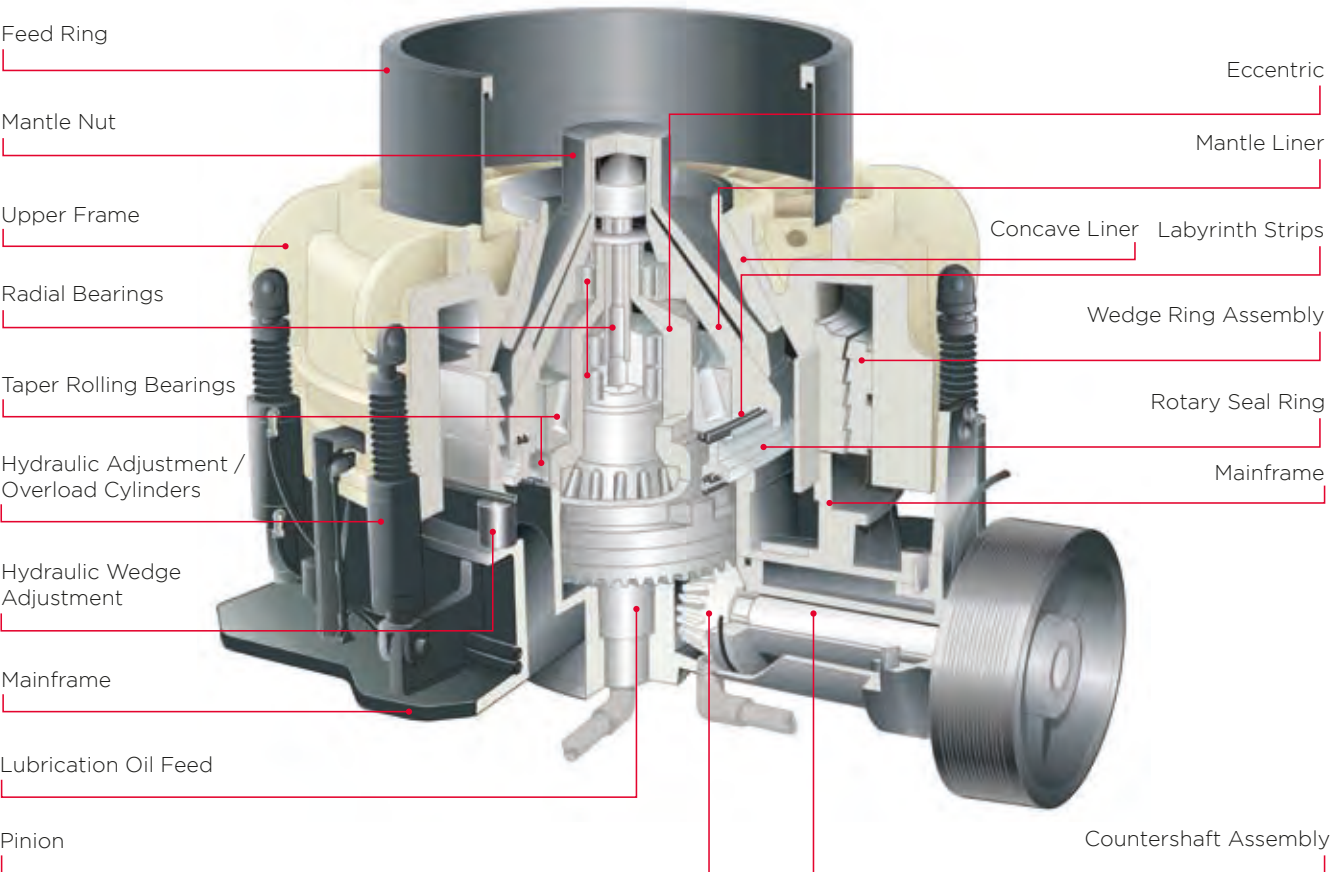




TC1150 Cone Crusher

Approximate Component Weights & Basic Dimensions	TC1150 Fine	TC1150 MC	TC1150 XC
Crusher Head Diameter	1150 mm (45")	1150 mm (45")	1150 mm (45")
Motor Size	225 kw	225 kw	225kw
Max Feed Size	110 mm	190 mm	220 mm
Crusher Weight	14,000 kg (30,865 lbs)		
Capacity	150 mtph - 330 mtph ( 165stph - 365stph)		
Adjustment	Hydraulic Cylinder		
PLC Control (System 2)	Standard		

Note: The capacities are based on dry, free flowing material with a Crushing Work Index of 16 and a bulk density of 1600 kg/cu m (100 lbs/cu ft). The data requires careful interpretation for particular materials and applications as machine capacity can be greatly affected by material properties and method of feeding.





# Wheeled Cone Plant WC1300

## Standard Specification

### Cone crusher TC1300

- Squirrel cage electric motor of 225 kW
- All electric plant
- Chassis walkway assembly with ladder
- Walkway platforms around the screen
- Cone crusher lubrication tank
- Hydraulic tank and cooler accessories
- Automation system – 2 plc control for crusher management
- Terex 4 deck vibrating screen 6' x 20' with 22 kW motor
- 2 jacks with handles
- 4 emergency stops
- Mounted on chassis with removable type double axle bogie with tail lights

## Electrical Controls

- Cone unit electricals including
  - Cable Kit
  - Control panel and operator panel (standard plant set for 415v/50Hz)
  - Weather protected, robust control panel houses user friendly controls

## Options

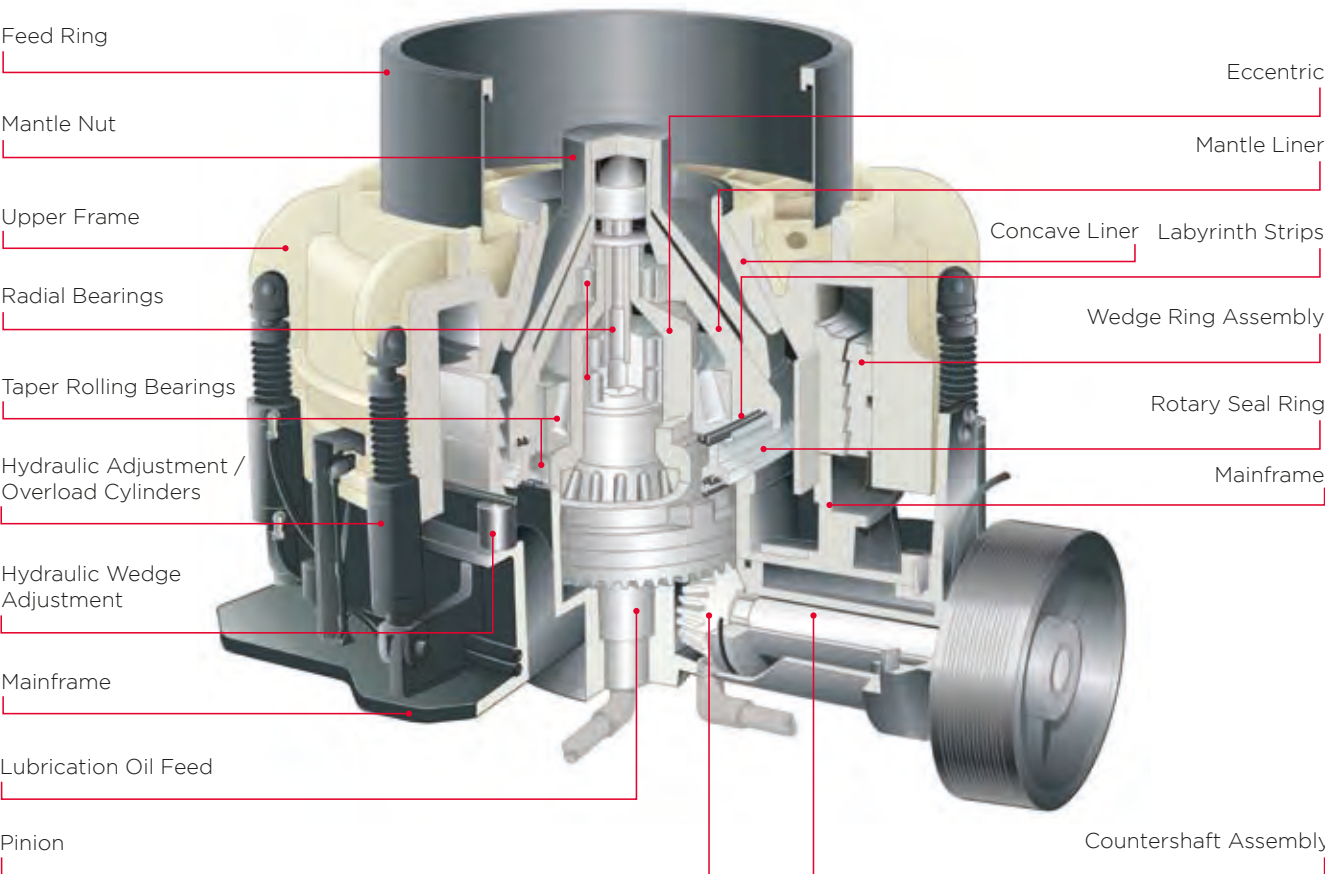
- Crusher Chamber Configurations
  - Medium coarse: max feed size 220 mm
  - Autosand: max feed size 63 mm



TC1300 Cone Crusher

Approximate Component Weights & Basic Dimensions	TC1300 Autosand	TC1300
Crusher Head Diameter	1300 mm (51.2")	1300 mm (51.2")
Motor Size	225 kW (300 hp)	225 kW (300 hp)
Max Feed Size	63 mm (2.5")	220 mm (8.7")
Crusher Weight	22,000 kg (48,500 lbs)	22,000 kg (48,500 lbs)
Capacity	165 – 240 mtph (180 stph – 260 stph)	220 – 320 mtph (240 stph – 350 stph)
Adjustment	Hydraulic Cylinder	Hydraulic Cylinder
PLC Control (System 2)	Standard	Standard

Note: The capacities are based on dry, free flowing material with a Crushing Work Index of 16 and a bulk density of 1600 kg/cu m (100 lbs/cu ft). The data requires careful interpretation for particular materials and applications as machine capacity can be greatly affected by material properties and method of feeding.



# Wheeled VSI WV2000 / WV2000LS

## Standard Specification

### Terex® VSI Crusher Canica 2000 ROR

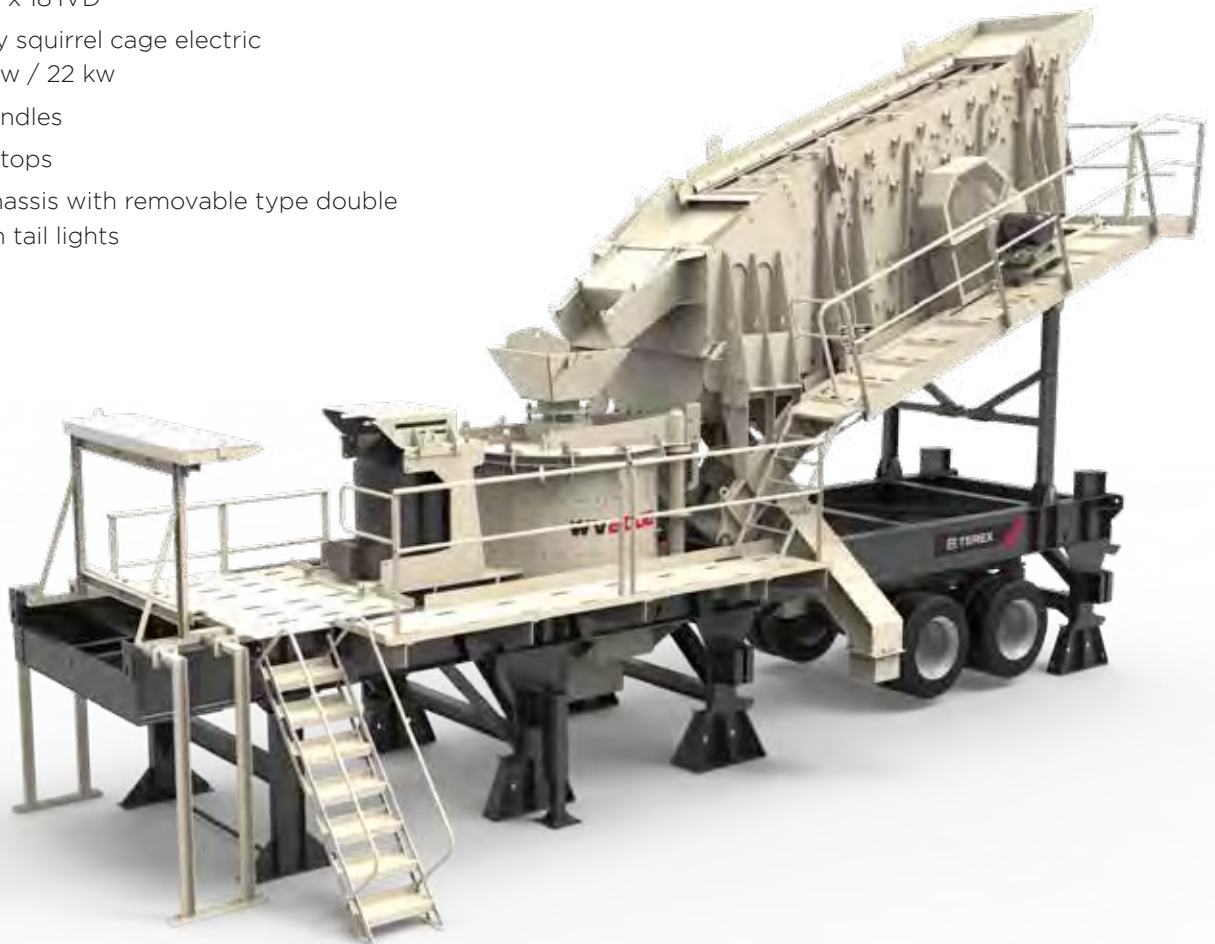
- Squirrel cage electric motor of 225 kW
- All electric plant
- Patented “Hydralid” hydraulic lid lift
  - Externally adjustable feed tube system
  - Heavy duty motor mount with motor cover
  - Adjustable take-ups
- Open Lid safety locks
- Shut of switches detect:
  - Low oil pressure
  - Excessive vibration (vibration switch)
  - Open Lid
- Chassis walkway assembly with ladder
- Walkway platforms around the screen
- Terex 4 deck vibrating screen  
5' x 14' IVD / 5' x 18' IVD
  - Belt driven by squirrel cage electric motor of 15 kw / 22 kw
- 2 jacks with handles
- 4 emergency stops
- Mounted on chassis with removable type double axle bogie with tail lights

## Electrical Controls

- VSI unit electricals including
  - Cable Kit
  - Control panel and operator panel (standard plant set for 415v/50Hz)
  - Weather protected, robust control panel houses user friendly controls

## Options

- Crusher Chamber Configurations
  - ROR Rock on Rock

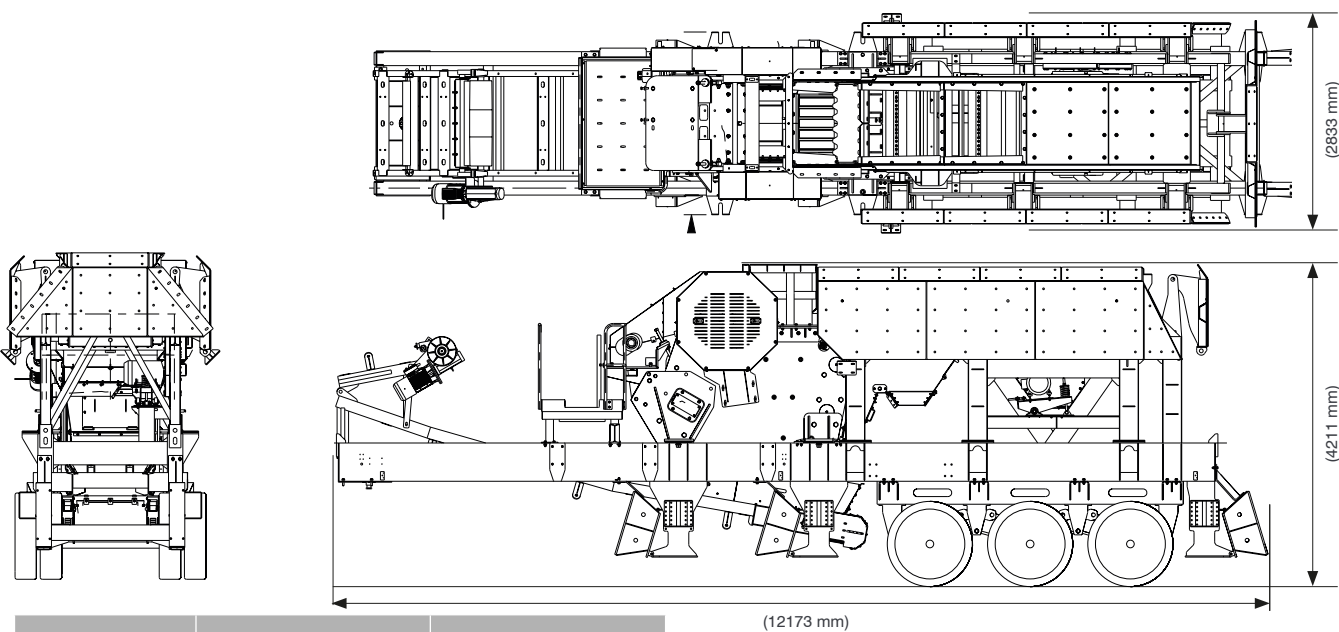






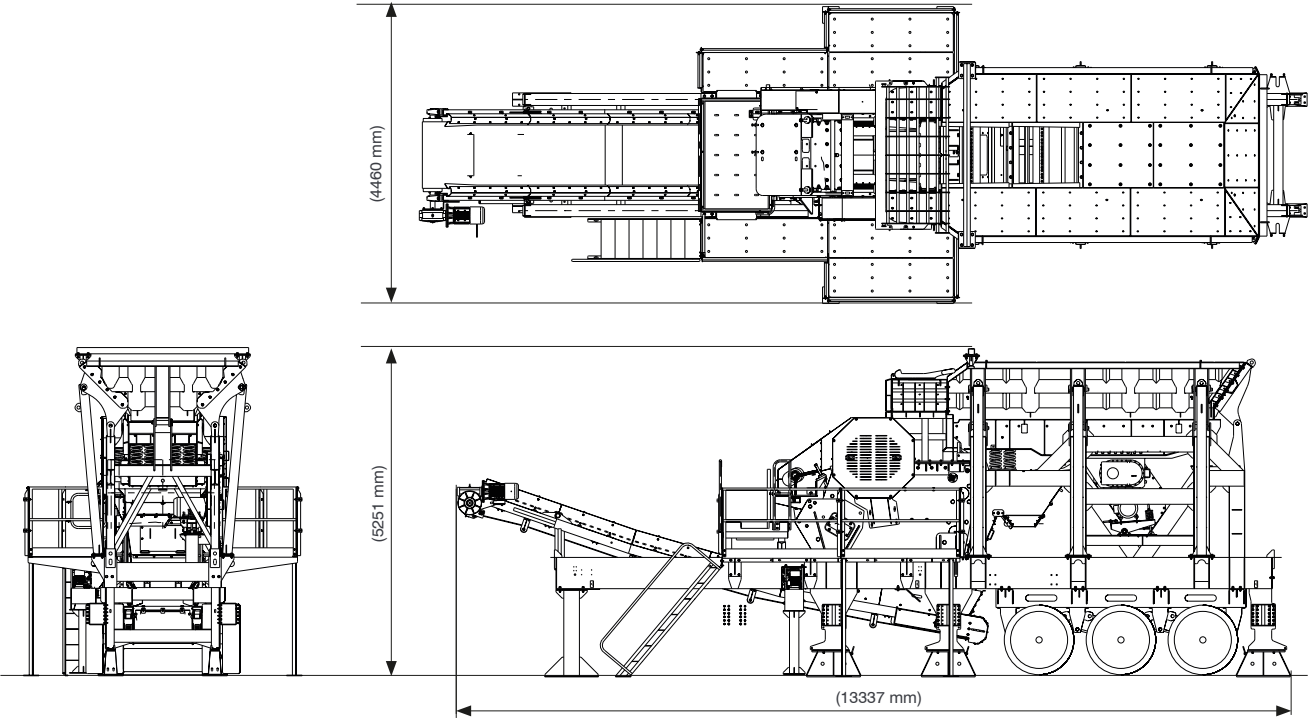
# Wheeled Jaw Plant WJ1175

## Transport Mode



	WJ1175 without Wing Hopper	WJ1175 with Wing Hopper
Overall Width	2357 mm	2833 mm
Overall Height	4211 mm	4211 mm
Overall Length	12173 mm	12173 mm

## Operating Mode

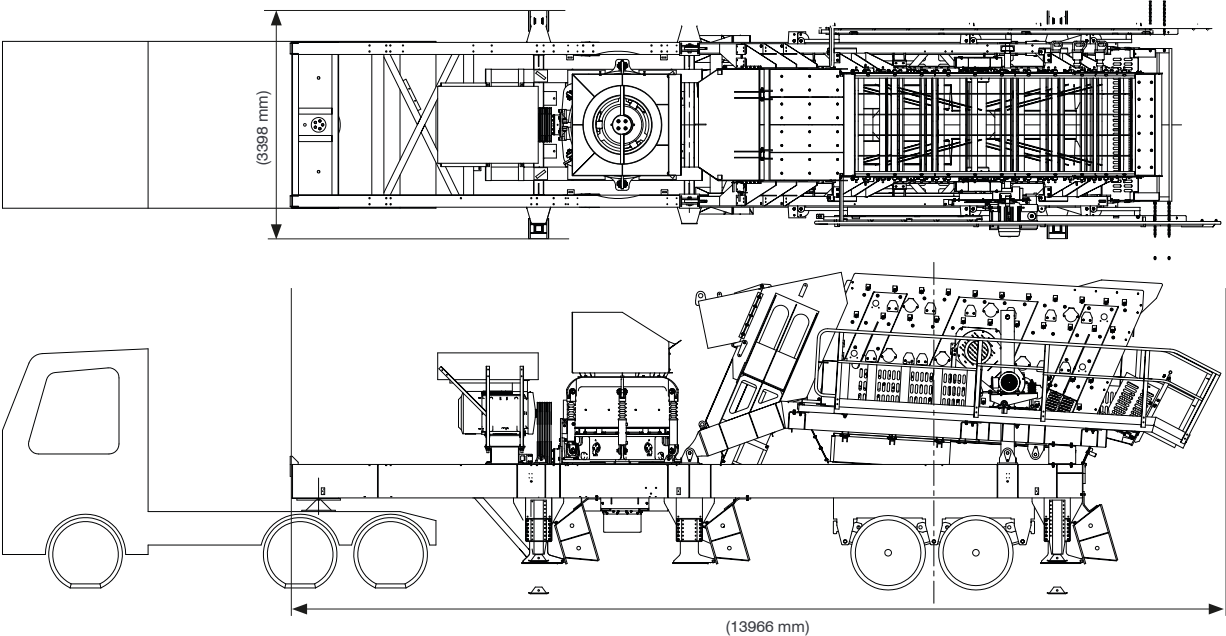


	WJ1175
Overall Width	4460 mm
Overall Height	5251 mm
Overall Length	13337 mm



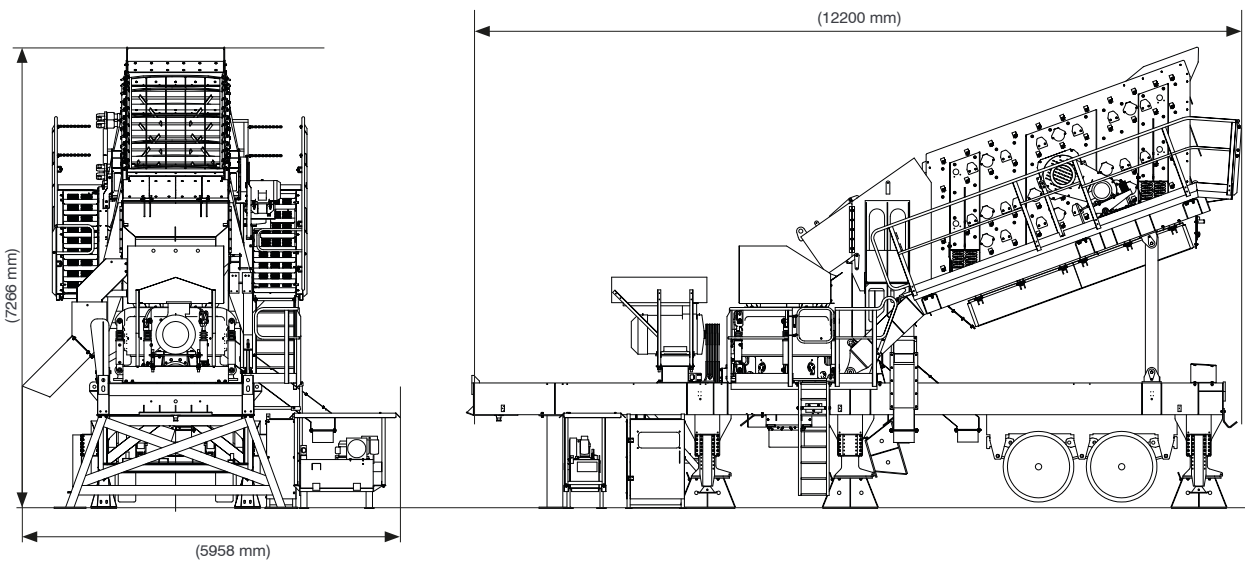
# Wheeled Cone Plant WC1000/WC1000LS

## Transport Mode



	WC1000	WC1000LS
Overall Width	3398 mm	3399 mm
Overall Height	4743 mm	4734 mm
Overall Length	13966 mm	14680 mm

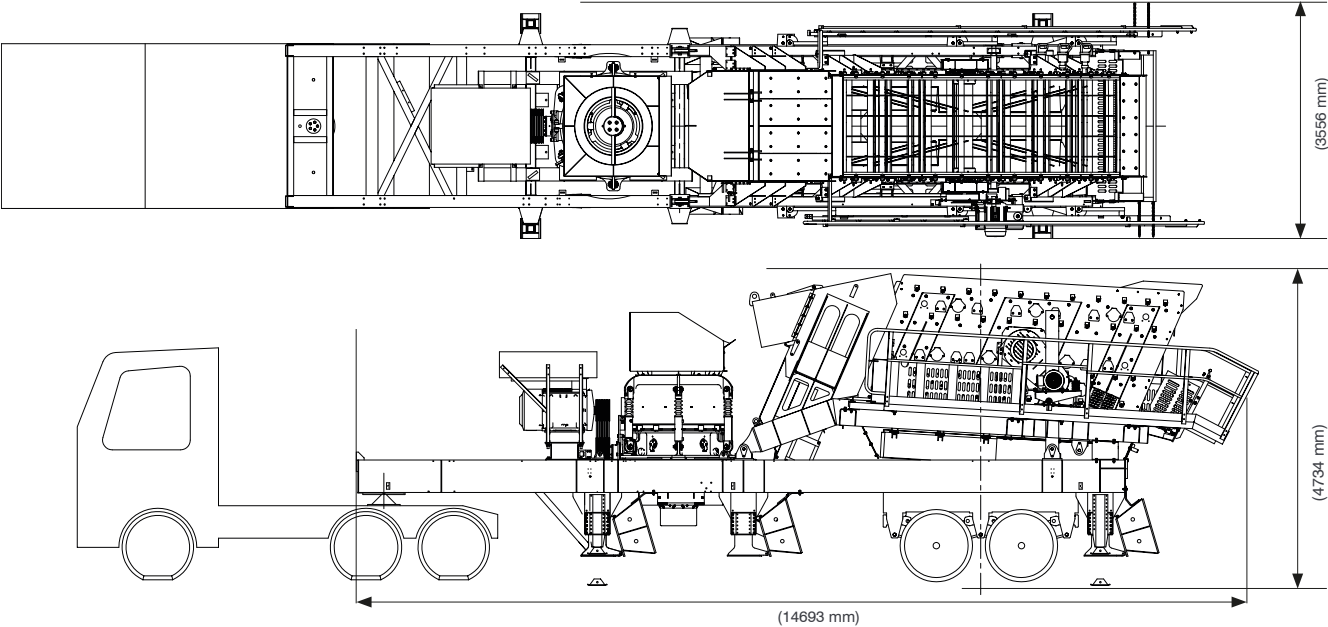
## Operating Mode



	WC1000	WC1000LS
Overall Width	4949 mm	4992 mm
Overall Height	7266 mm	7914 mm
Overall Length	12200 mm	13394 mm

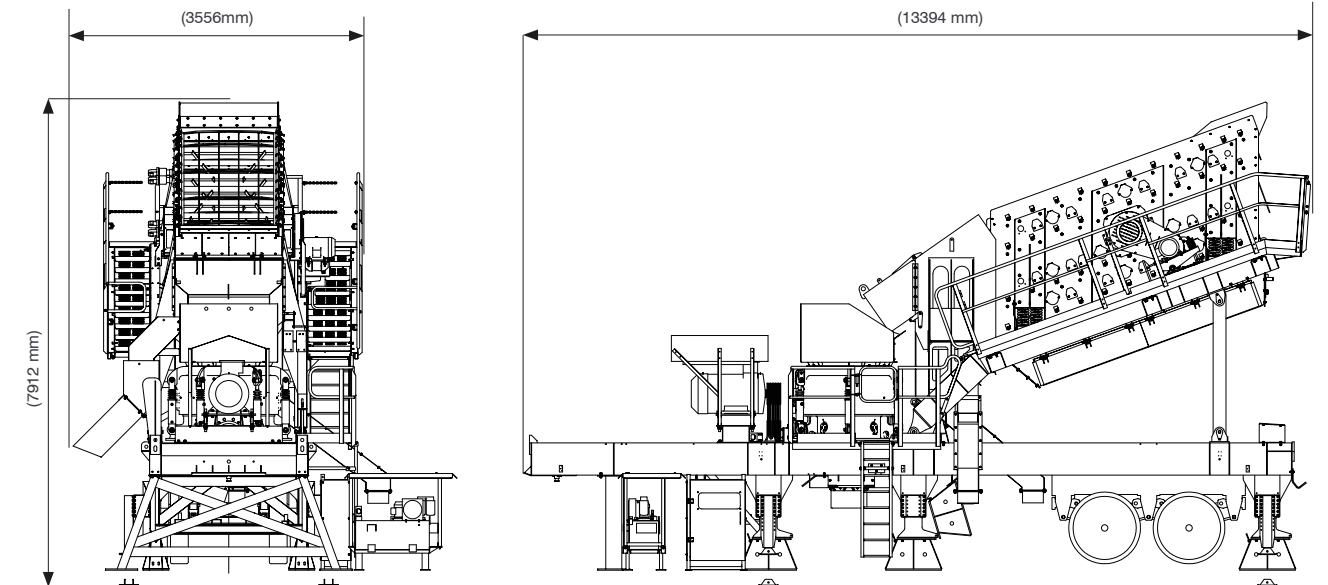
# Wheeled Cone Plant WC1150

## Transport Mode



	WC1150
Overall Width	3556 mm
Overall Height	4734 mm
Overall Length	14693 mm

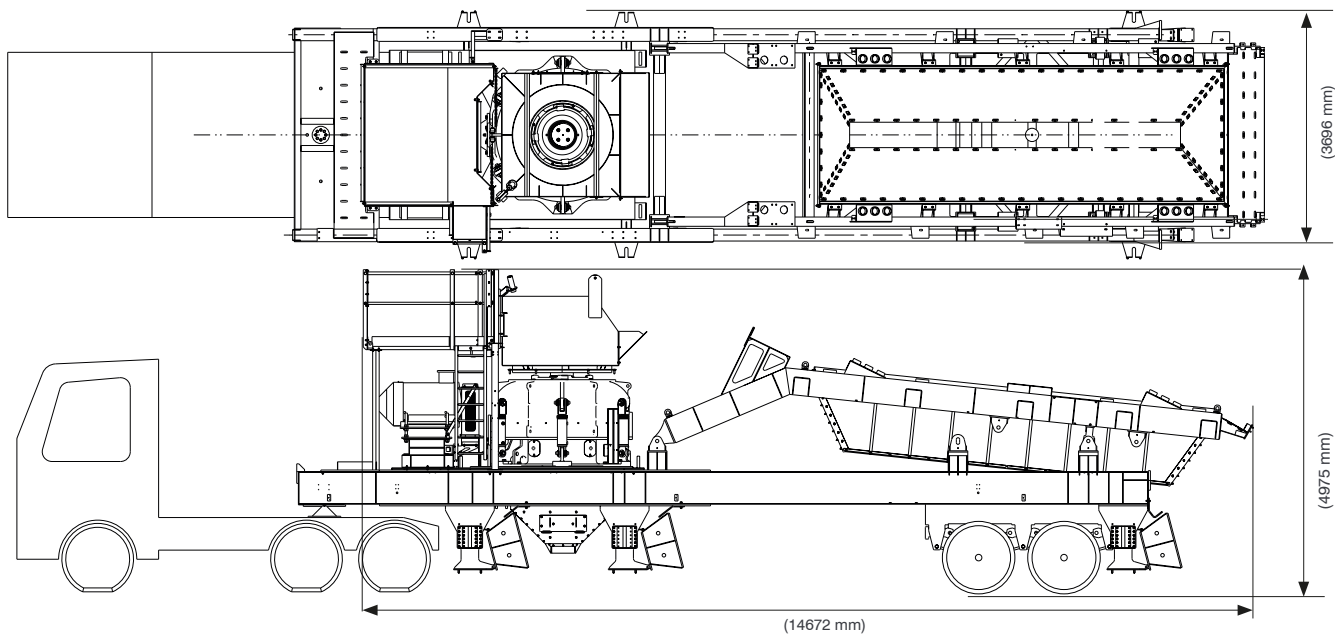
## Operating Mode



	WC1150
Overall Width	3556 mm
Overall Height	7912 mm
Overall Length	13394 mm

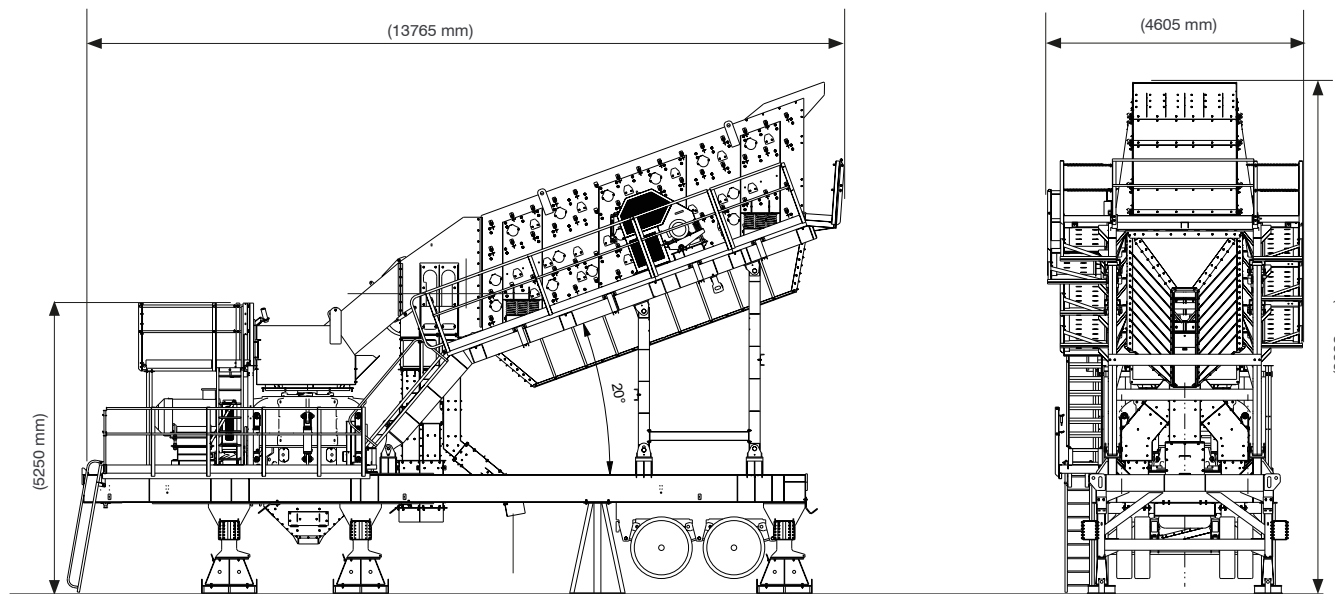
# Wheeled Cone Plant WC1300

## Transport Mode



	WC1300
Overall Width	3696 mm
Overall Height	4975 mm
Overall Length	14672 mm

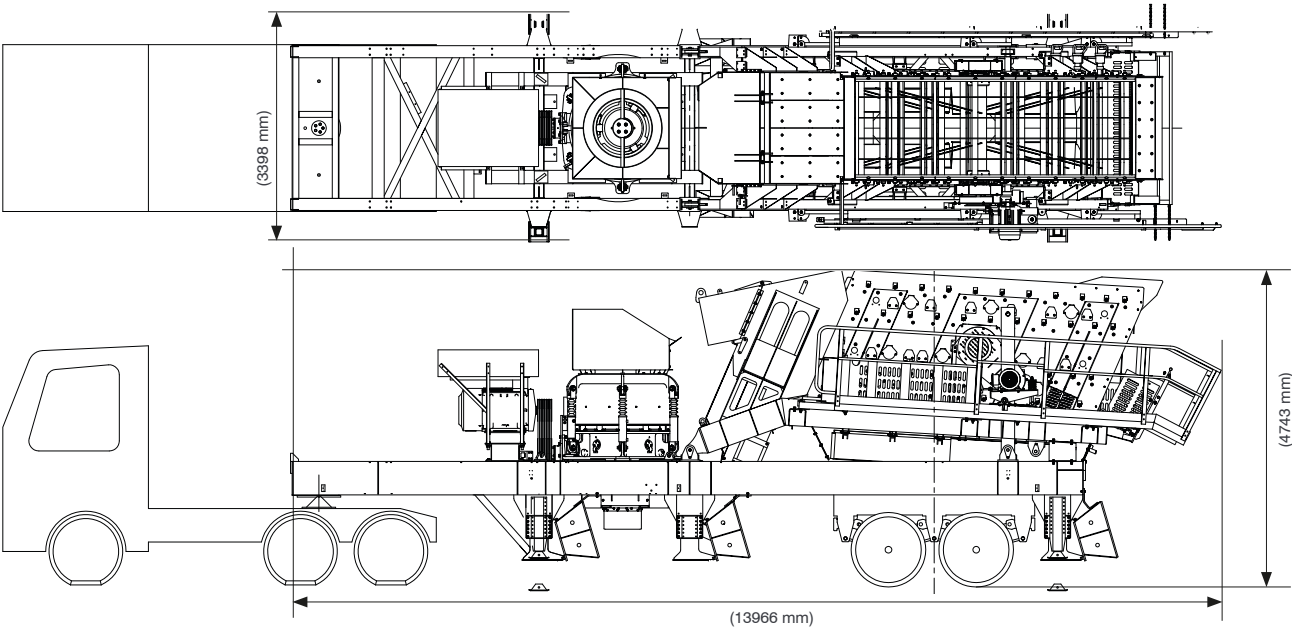
## Operating Mode



	WC1300
Overall Width	4605 mm
Overall Height	9238 mm
Overall Length	13765 mm

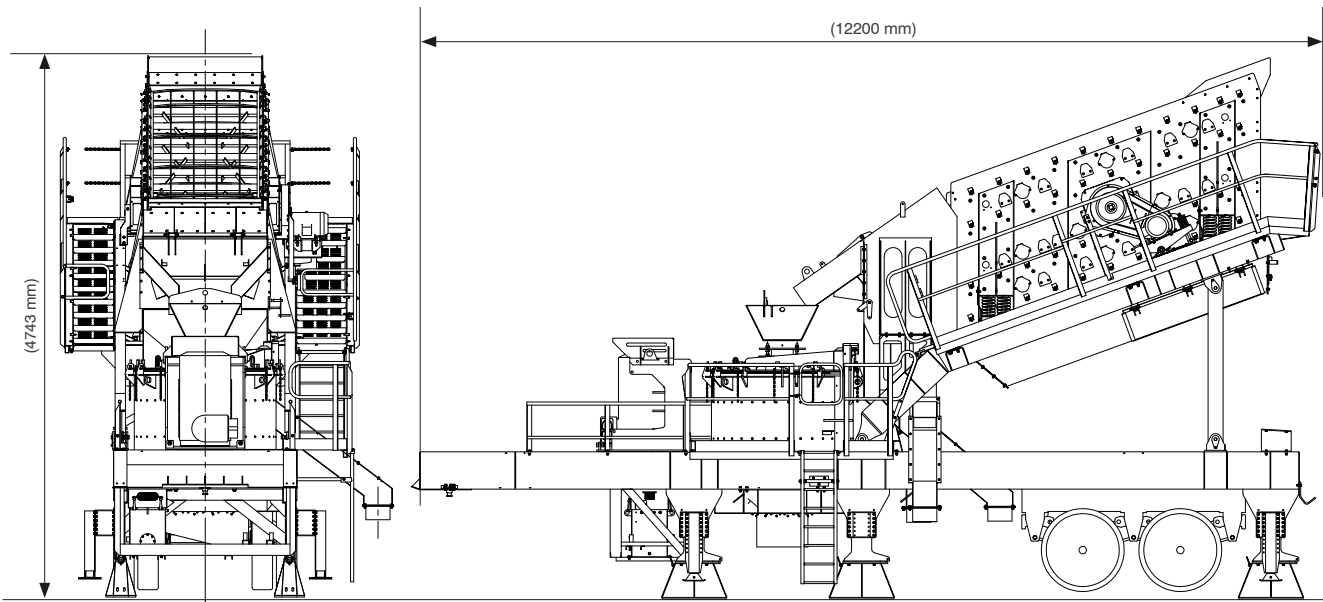
# Wheeled Cone Plant WV2000

## Transport Mode



	WV2000
Overall Width	3398 mm
Overall Height	4743 mm
Overall Length	13966 mm

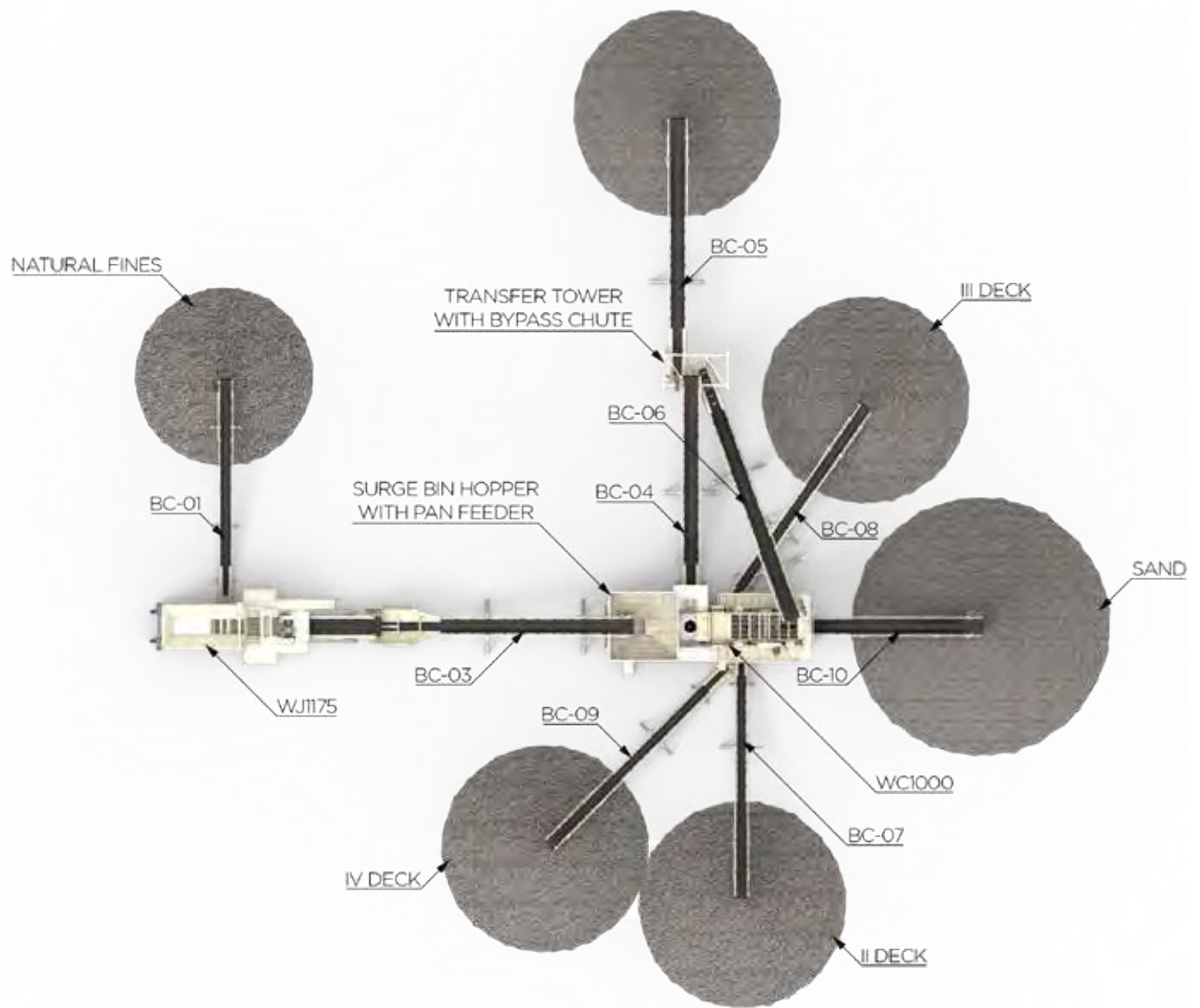
## Operating Mode



	WV2000
Overall Width	4474 mm
Overall Height	7266 mm
Overall Length	12200 mm

## Typical Wheeled Plant Layouts

200 tph 2 Stage Wheeled Plant - Option 1

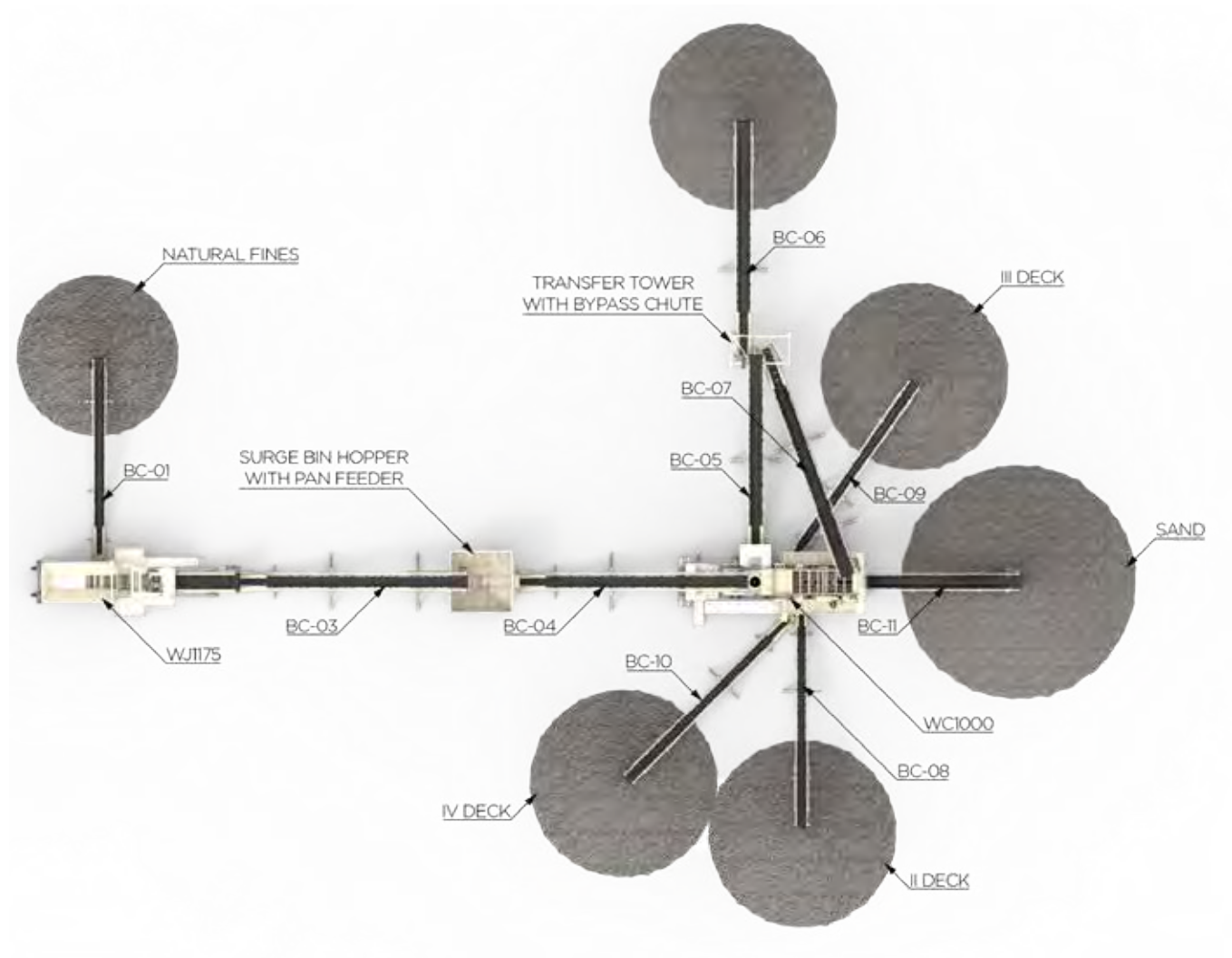




## Typical Wheeled Plant Layouts

### 200 tph 2 Stage Wheeled Plant - Option 2

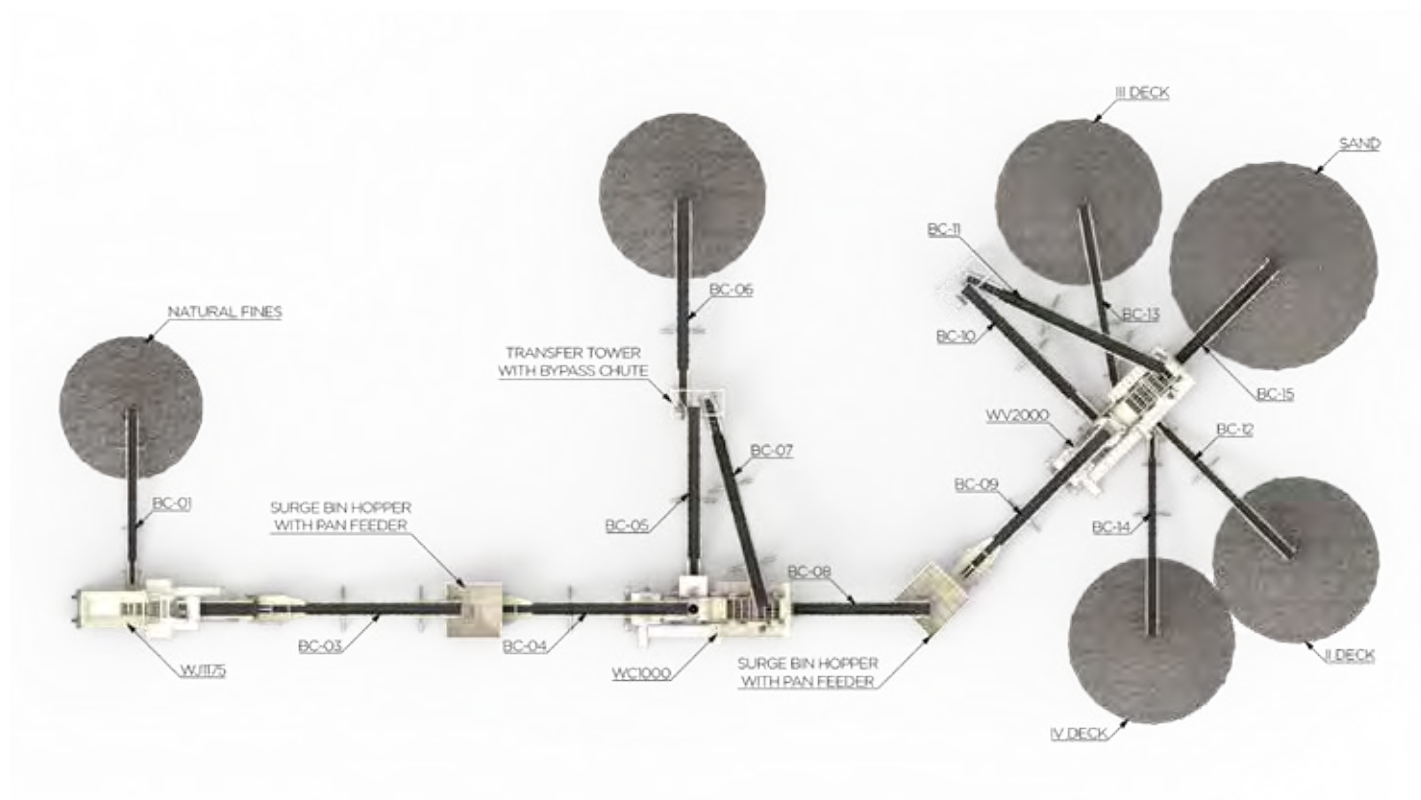
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The layouts shown are typical layouts.

For any specific requirement please contact factory.

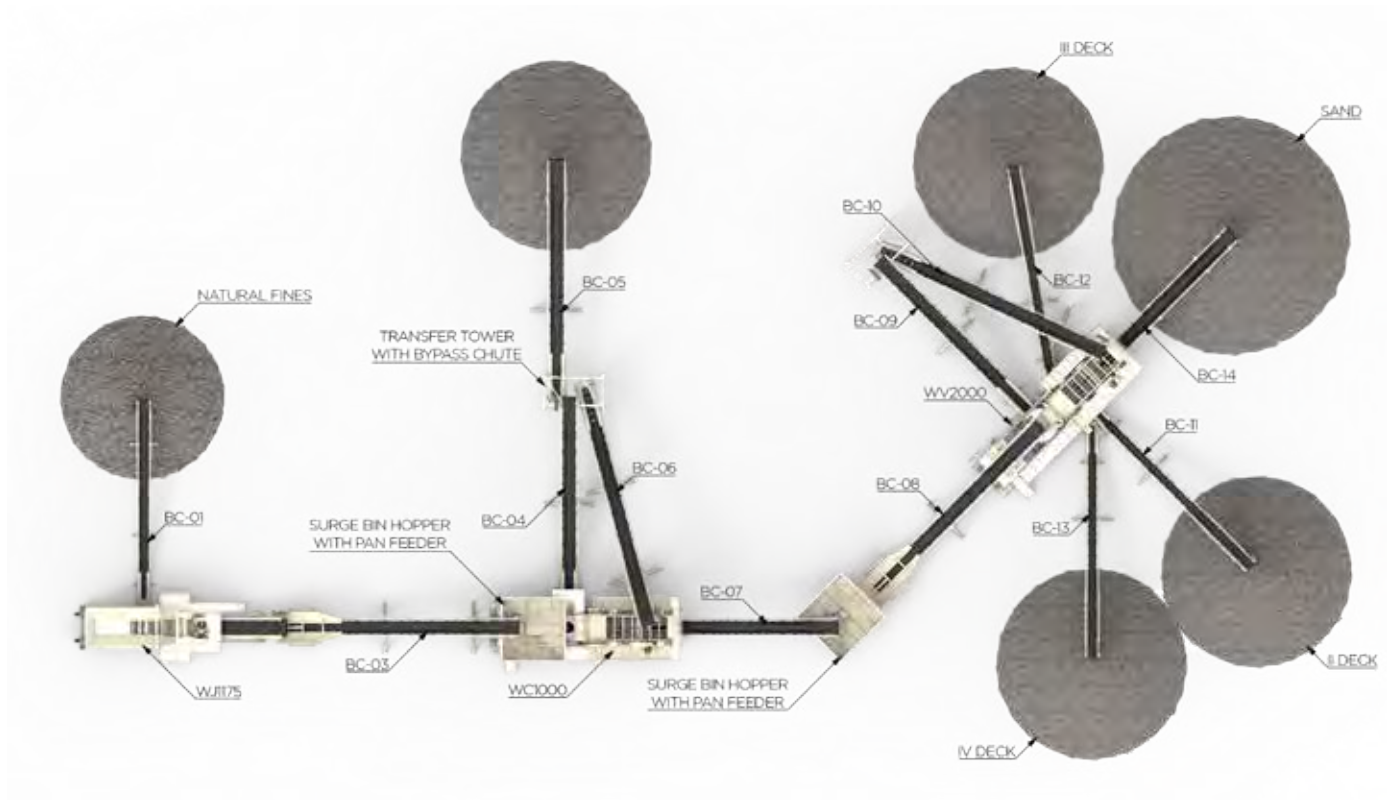
## 200 tph 3 Stage Wheeled Plant - Option 1



## Typical Wheeled Plant Layouts

### 200 tph 3 Stage Wheeled Plant - Option 2

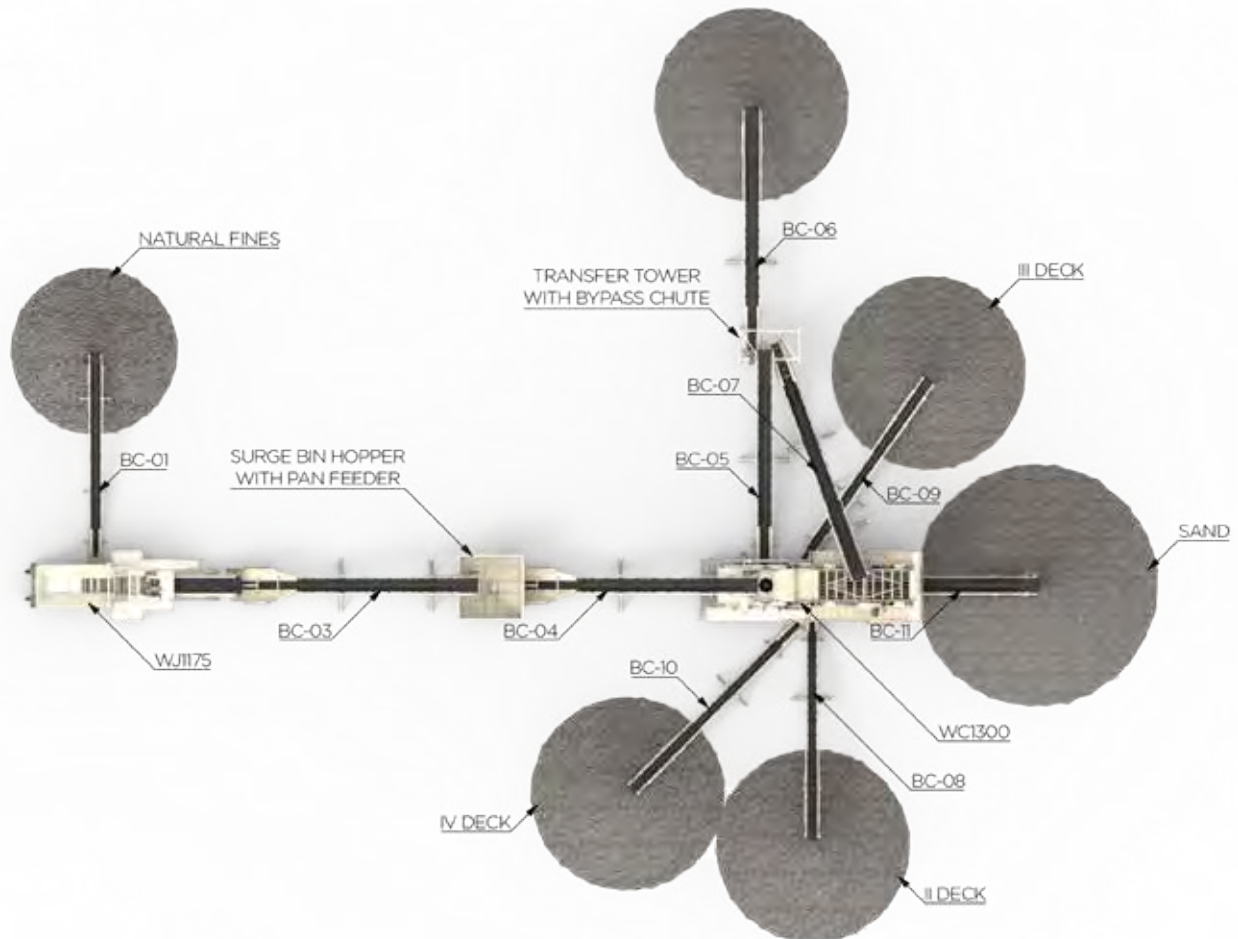
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The layouts shown  
are typical layouts.

For any specific  
requirement please  
contact factory.

### 300 tph 2 Stage Wheeled Plant - Option 2



The layouts shown  
are typical layouts.  
For any specific  
requirement please  
contact factory.











## Terex® MPS Services

### Proven Success, Global Reach

A comprehensive range of services. Original spare and wear parts. Customizable solutions to meet your exact needs. Outstanding technical expertise and support.

This is what Terex® MPS delivers to businesses – and what it delivers to businesses throughout the world via our global distribution network, service and distribution facilities and regional warehouses.

### Spare and Wear Part Support

Our OEM parts help maintain and enhance the performance of your equipment – and you can count on us to get you the spare and wear parts you need, when you need them.

Terex® MPS parts are manufactured according to exacting specifications, using high-quality materials, tools and techniques. By using genuine parts you are helping to ensure the maximum performance and longevity of your machines.

### A Shared Focus

We understand your key focus is delivering your operational and financial goals. We share that focus: it's how we both measure success.

By combining our global service network and proven, in-depth industry knowledge with your operational expertise we're able to provide you with the right solution to deliver a quality end product – with increased productivity.

### Field Services

We offer a comprehensive set of field services to meet your maintenance, repair and refurbishment needs – which means you get a cost-effective alternative to purchasing new or replacement equipment.

Our experienced field service and distribution network are available to you on site or at our global service facilities. We can repair broken or damaged equipment to like-new condition and restore worn or irreplaceable equipment to perfect operating condition – which minimizes costly downtime for you.

Combining our global service network and deep industry knowledge with your operational expertise ensures that we provide the best solutions...



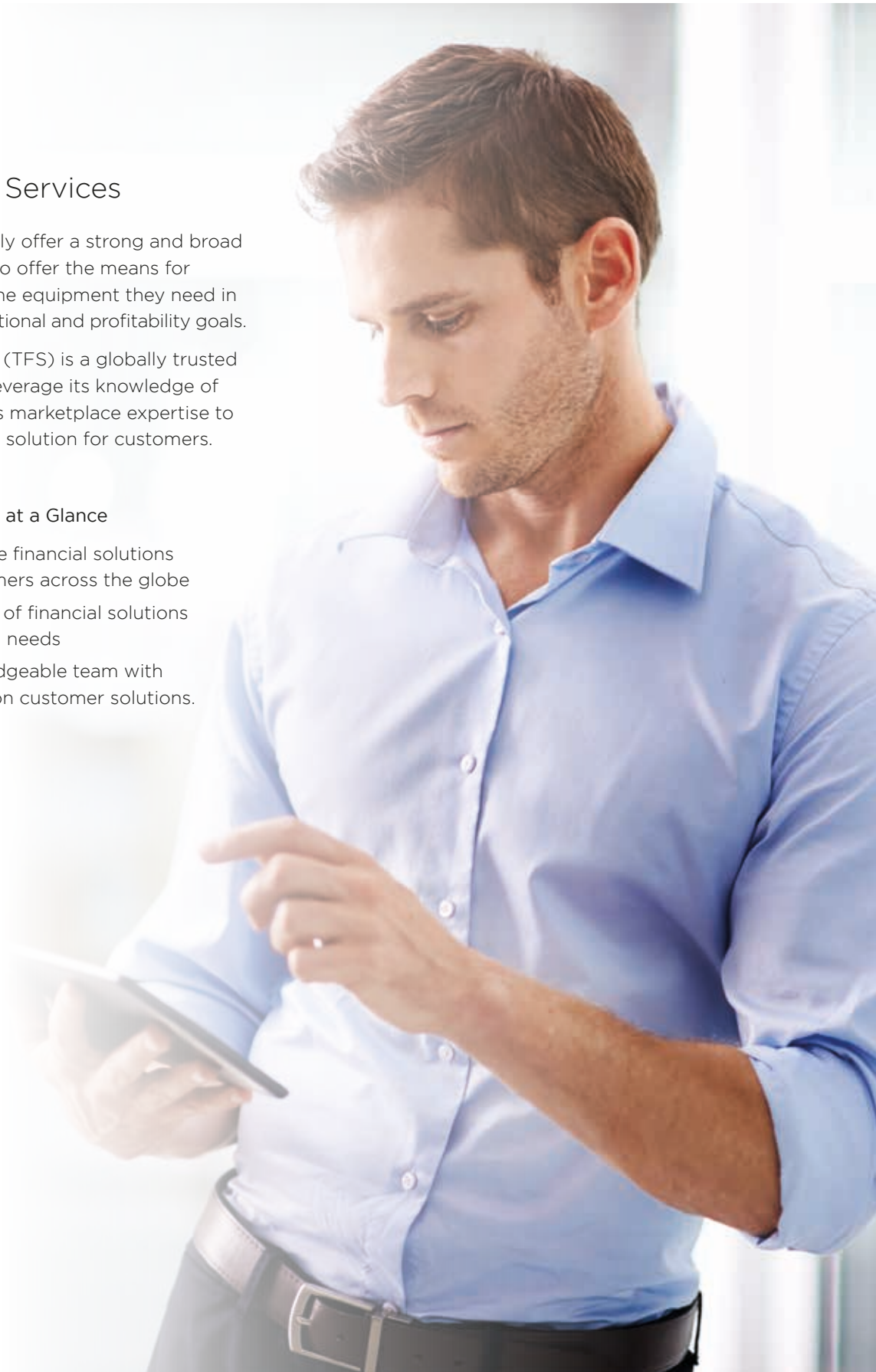
## Terex® Financial Services

At Terex® MPS we not only offer a strong and broad product portfolio. We also offer the means for customers to purchase the equipment they need in order to meet their operational and profitability goals.

Terex® Financial Services (TFS) is a globally trusted resource that is able to leverage its knowledge of Terex® equipment plus its marketplace expertise to provide a unique tailored solution for customers.

### Terex® Financial Services at a Glance

- Providing cost-effective financial solutions to thousands of customers across the globe
- A comprehensive suite of financial solutions tailored to fit individual needs
- Dedicated and knowledgeable team with global reach, focused on customer solutions.



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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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