





The Powerscreen® Gladiator™ range is a new range of wheeled crushing & screening plant that is reliable, easy to operate and move and environmentally friendly.

The Gladiator range combines the highly efficient crushing chambers and screenboxes that Powerscreen is famed for, with the simplicity and flexibility of wheeled equipment.

The range is fully electrically driven using tried and tested Powerscreen® Hybrid™ technology, making it an ideal choice in locations with strict environmental regulations.

THE GLADIATOR RANGE INCLUDES:



Gladiator PT400 Jaw Crusher



Gladiator TP320SR Closed-circuit Impact Crusher



Gladiator MT1150Open-circuit Cone Crusher



Gladiator MT1150SR Closed-circuit Cone Crusher



Gladiator MT1300Open Circuit Cone Crusher



Gladiator H6203 Horizontal Screen



Gladiator H8203 Horizontal Screen

GLADIATOR™ PT400





The Gladiator PT400 is a new electrically driven, wheeled jaw crusher. It features the tried-and-tested JW42 jaw crushing chamber and is chassis mounted on wheels meaning ease of movement and set-up.

The Gladiator PT400 is fully electrically driven using tried and tested Powerscreen® Hybrid™ technology, making it an ideal choice in locations with strict environmental regulations.



APPLICATIONS

AGGREGATE

Sand & gravel

Blasted rock

River rock

RECYCLING





C&D waste Composed materials Wood By-Products Overburden Foundry Waste

Processed ores Processed minerals

MINING

TECHNICAL HIGHLIGHTS ⊙



RELIABLE & EASY TO OPERATE

- Simple, reliable push button controls
- Vibrating grizzly feeder removes fines before
- Aggressive crushing action by renowned JW42 iaw chamber
- Hydraulic adjustments at ground level



ROAD-LEGAL & EASY TO MOVE

- Made locally in USA, with lowest possible weight for ease of movement
- Triple axle chassis with 12 wheels, spring suspension and air brakes as standard



ENVIRONMENTALLY FRIENDLY

- Electrically driven by either external genset or 3 phase mains connection
- No costly engine aftertreatment reducing expensive engine maintenance costs



TECHNICAL SPECIFICATION

Vibrating grizzly feeder Length: 20' (6096 mm) Width: 42" (1067mm)

Bolted bar grizzly Length: 60" (1524 mm) x 4" (102 mm) average opening

2 CRUSHER

Feed Opening: 42" x 30" (1070mm Operating Speed: 250rpm

Power: 150hp (110 kW)

DISCHARGE CONVEYOR AND UNDERCRUSHER CONVEYOR

Width: 42" (1070mm) Discharge Height: 9' 2" (2.8m) Manufactured from 1/4" (6mm) mild

Rock ledge with AR400 3/8" (10mm)

Rubber flashing

Access on both sides to allow easy setting of CSS

4 CHASSIS & TIRES

Straight beam chassis Spring suspension & air brakes Kingpin, under-frame mounted triple axle

Tires: 12 x 295/75 R22.5

5 POWER UNIT

Electrically Driven External Power Requirements 460V (575V Option if required) 3 Phase 60 Hz

♦ POWER

150hp (112kW) 15hp (11kW) Discharge Conveyor VGF 40hp (30kW) Optional Bypass 7.5hp (5.6kW)

Optional Magnet 2hp (1.5kW) Total Power Required 214.5hp (160kW)

DIMENSIONS



52' 3" (15930mm)



11' 2" (3430mm)



Total Weight: 107,200lbs (48,625kg) Axle Load: 64,000lbs (29,030kg)

King Pin Load: 43,200lbs (19,595kg) +5,600 (2,540kg) for magnet & stand

GLADIATOR™ TP320SR





The Gladiator TP320SR is a new hybrid-electric drive, wheeled, closed-circuit impact crusher.

This portable closed circuit crushing and screening plant combines the tried and tested Trakpactor 320 impact crusher and Chieftain 1700 2 deck inclined screenbox for recirculation.

The crusher is hydraulic clutch driven direct from a 350hp Scania diesel engine. All other components are electrically driven from the 150kw generator.

The Gladiator TP320SR, with its large screenbox, wide conveyors and low maintenance electric drive components, promises to be a highly productive, high value plant.



APPLICATIONS

AGGREGATE

RECYCLING

MINING



Foundry Waste

Sand & gravel Blasted rock River rock

Top Soil C&D Waste Composed materials Wood By-Products Overburden

Processed ores Processed minerals

TECHNICAL HIGHLIGHTS ⊙





HIGH RELIABILITY. HIGH OUTPUT

- High performance impact chamber combined with the iconic Chieftain 1700 2-deck screenbox giving reliable crushing and screening with one plant
- Vibrating grizzly feeder removes fines before
- Aggressive crushing action by renowned Trakpactor 320 impact chamber
- Simple, reliable push button controls with additional starters as standard



ROAD-LEGAL & EASY TO MOVE

- Made locally in USA, with lowest possible weight for ease of movement
- Triple axle chassis with 12 wheels, spring suspension and air brakes ensuring a smooth journey



ENVIRONMENTALLY FRIENDLY

- Lagely electrically driven by the onboard 150 kW generator
- Economical to operate
- Fully electric plant available



TECHNICAL SPECIFICATION

1 FEEDER

Vibrating grizzly feeder Length: 14' 3" (4.34m) Width: 3' 6" (1.07m)

7" Stepped 2 deck grizzly Length: 84" (2135mm)

2 CRUSHER

Feed opening: 44.5" x 31.5" (1130mm x 800mm) Operating Speed: TBC rpm Power: TBC hp (TBC kW)

BYPASS CHUTE AND UNDERCRUSHER CONVEYOR

Width: 42" (1070mm) Automatic hydraulic tail lift for transport

4 FINES CONVEYOR

Width: 42" (1070mm) Discharge Height: 8' 7" (2.6m)

5 SCREENBOX

16' x 5' (4.8m x 1.5m) 2 deck incline screen Speed: 1050rpm

Highly aggressive screen drive

6 CHASSIS & TIRES

Spring suspension & air brakes Kingpin, under-frame mounted triple

Tires: 12 x 295/75 R22.5

7 POWER UNIT

Tier 4F: Scania 350hp Onboard Genset: 150kW 460V 3 Phase Option for Tier 3 engine



DIMENSIONS



69' (21031mm)





WEIGHT

	Kingpin Weights	Axle Weights
Base Plant	39,958lbs (18,125kg)	54,048lbs(24,516kg)
+ Dirt Conveyor	467lbs (212kg)	2,128lbs (965kg)

GLADIATOR™ MT1150





The Gladiator MT1150 is a new electrically driven, wheeled open circuit cone crusher. It features the renowned Terex (r) TC1150 cone chamber and is chassis mounted on wheels meaning ease of movement and quick set up times.

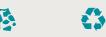
The Gladiator MT1150 is fully electrically driven using renowned Powerscreen Hybrid technology, which makes it an ideal solution in areas where strict environmental regulations are in place.



APPLICATIONS

AGGREGATE

RECYCLING





Top Soil C&D Waste Composed materials Wood by-products Overburden Foundry Waste

MINING



Processed minerals

TECHNICAL HIGHLIGHTS ⊙



AGGRESSIVE CRUSHING PERFORMANCE

- Renowned Terex® TC1150 cone chamber gives high productivity and excellent product
- 300 hp (225 kW), 1800 rpm crusher motor and drive are mounted with the crusher on a
- Crusher controlled by the Terex ACE6, allowing the operator to achieve maximum performance from their crusher, but also improve their crushing plant's reliability &



EXCELLENT MAINTENANCE ACCESS

- Conveniently located grease banks and ground access cone lubrication module
- Service platforms around crusher, elevated observation platform
- Side-mounted lockable box for convenient tool storage



ROAD-LEGAL & EASY TO MOVE

- Made locally in USA, with lowest possible weight for ease of movement
- Tandem axle chassis with 8 wheels and spring suspension ensuring a smooth



ENVIRONMENTALLY FRIENDLY

- Electrically driven with onboard generator
- No costly engine aftertreatment reducing expensive engine maintenance costs



TECHNICAL SPECIFICATION

Oversize quick-release cone feed hopper with gated overflow chute Manufactured from 1/4" (6mm) mild

2 CRUSHER

Maximum feed size - medium coarse 7.5" (190 mm) Power: 300hp (225 kW)

Standard Mantle & Medium Coarse Concave

Short throw chamber as standard, long throw chamber available as an option.

3 UNDERCRUSHER CONVEYOR

Width: 42" (1067 mm) Length: 34' 6" (10515mm) Motor: 15hp (11 kW) electric motor Discharge Height: TBC

4 CHASSIS & TIRES

Heavy Duty 25,000lb Leaf Spring (8) 11R x 22.5 tires

5 POWER UNITS

Electrically driven

→ POWER

300hp (224kW) 15hp (11kW) Discharge Conveyor Optional Metal Detector 2hp (1.5kW) **Total Power Required** 317hp (236.5kW)







11' 11" (3630mm)



WEIGHT

Total Weight: 68,530lbs (31,085kg) Axle Load: 38,000lbs (17,237kg) King Pin Load: 30,700lbs (13,925kg)

Short throw chamber as standard, long throw chamber available as an option.

*Please note: It is the dealer's responsibility to ensure the plant is road legal in their region and the guards comply to the customers requirements.

GLADIATOR™ MT1150SR





The Powerscreen Gladiator MT1150SR is a wheeled, electric drive closed circuit cone crushing /screening plant.

This closed circuit crushing and screening plant incorporates the tried and tested TC1150 cone crushing chamber coupled with the 20' x 6' H6203 Horizontal screenbox for recirculation while being chassis mounted on wheels means ease of movement and quick set up times.

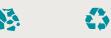
The Gladiator MT1150SR is fully electrically driven using renowned Powerscreen Hybrid technology, which makes it an ideal solution in areas where strict environmental regulations are in place.





AGGREGATE

RECYCLING







C&D Waste Composed materials Wood by-products Overburden Foundry Waste

Processed ores Processed minerals

MINING

TECHNICAL HIGHLIGHTS ⊙





AGGRESSIVE CRUSHING PERFORMANCE

- Renowned Terex® TC1150 cone chamber gives high productivity and excellent product
- 300 hp (225 kW), 1800 rpm crusher motor and drive are mounted with the crusher on a
- Crusher controlled by the Terex ACE6, allowing the operator to achieve maximum performance from their crusher, but also improve their crushing plant's reliability &



EXCELLENT MAINTENANCE ACCESS

- Conveniently located grease banks and ground access cone lubrication module
- Service platforms around crusher, elevated observation platform
- Side-mounted lockable box for convenient tool storage



ROAD-LEGAL & EASY TO MOVE

- Made locally in USA, with lowest possible weight for ease of movement
- Tandem axle chassis with 8 wheels and spring suspension ensuring a smooth



ENVIRONMENTALLY FRIENDLY

- Electrically driven with onboard generator
- No costly engine aftertreatment reducing expensive engine maintenance costs



TECHNICAL SPECIFICATION

1 SCREENBOX

3 deck triple shaft horizontal screenbox 6.1m x 1.93m (20' x 6' 4") (all decks) Oval stroke adjustable up to maximum of 19mm

2 CRUSHER

Maximum feed size - medium coarse 7.5" (190 mm) Power: 300hp (225 kW)

Standard Mantle & Medium Coarse Concave

Short throw chamber as standard, long throw chamber available as an option.

3 DISCHARGE CONVEYOR

Belt Width: 54" (1370mm) Discharge Height: 4' 5" (1.35m) Motor: 10hp (7.5kW)

UNDERCRUSHER CONVEYOR

Width: 36" (915mm) Motor: 10hp (7.5kW) WEG Conveyor is fully skirted

5 CHASSIS & TIRES

Triple trunnion axle - sprung (24) 11R x 22.5 tires Spring applied air brakes

6 POWER UNITS

Electrically driven

→ POWER

Cone	300hp (224kW)
Screenbox	40hp (30kW)
Discharge Conveyor	10hp 7.5kW)
Over Screen Conveyor	20hp 15kW)
Under Screen Conveyor	10hp 7.5kW)
Cross Conveyor	5hp 3.7kW)
Optional Magnet	2hp 1.5kW)
Total Power Required	387hp (290kW)







12' 10" (3890mm)



WEIGHT

Total Weight: 115,000 lbs (52,163kg) Axle Load: 64,500lbs (29,257kg) King Pin Load: 55,000 lbs (24,938 kg)

Short throw chamber as standard, long throw chamber available as an option.

*Please note: It is the dealer's responsibility to ensure the plant is road legal in their region and the guards comply to the customers requirements.

GLADIATOR™ MT1300





The new Gladiator MT1300 is an electrically driven, wheeled open circuit cone crusher. It features the tried and tested Terex TC1300 cone chamber and is mounted on wheels which ensures ease of movement and quick set up times.

The Gladiator MT1300 is fully electrically driven and can be powered from an external source or onboard via generator, which makes it an ideal solution in areas where strict environmental regulations are in place.



APPLICATIONS

AGGREGATE

Sand & gravel

Blasted rock

River rock

RECYCLING



Top Soil

C&D Waste Composed materials Wood by-products Overburden Foundry Waste

Processed ores Processed minerals

MINING

TECHNICAL HIGHLIGHTS ⊙



AGGRESSIVE CRUSHING PERFORMANCE

- Renowed Terex® TC1300 cone chamber gives high productivity and excellent product
- 300 hp (225 kW), 1800 rpm crusher motor and drive are mounted with the crusher on a
- Crusher controlled by the Terex ACE6, allowing the operator to achieve maximum performance from their crusher, but also improve their crushing plant's reliability &



EXCELLENT MAINTENANCE ACCESS

- Conveniently located grease banks and ground access cone lubrication module
- Service platforms around crusher, elevated observation platform
- Side-mounted lockable box for convenient tool storage



ROAD-LEGAL & EASY TO MOVE

- Made locally in USA, with lowest possible weight for ease of movement
- Heavy Duty Tandem walking beam suspension, triple sprung axle and 12 wheels ensures a smooth journey



ENVIRONMENTALLY FRIENDLY

- Electrically driven with onboard generator
- No costly engine aftertreatment reducing expensive engine maintenance costs



TECHNICAL SPECIFICATION

Bolt on adjustable overflow gate which discharges to under crusher conveyor Hopper shape allows optimum crusher feed from multiple angles

Manufactured from 1/4" (6mm) mild

2 CRUSHER

Maximum Feed Size - Medium Coarse 8.5" (220mm) Power: 300hp (225 kW) Manganese Steel alloy mantle &

Standard Concave: Medium Coarse

(Optional 350hp motor)

3 UNDERCRUSHER CONVEYOR

Width: 42" (1067mm) Motor: 15hp (11 kW) electric

4 CHASSIS & TIRES Heavy Duty 25,000 Leaf Spring (12) 11R x 22.5 tires

5 POWER UNITS

Electrically driven

POWER

300hp (224 kW) Cone Discharge Conveyor 15hp (11 kW) Optional Metal Detector 2 hp (1.5 kW) Total Power Required 317 hp (236.5 kW)









WEIGHT

Total Weight: 86,000lbs (39,009kg) Axle Load: 52,500lbs (23,814kg) King Pin Load: 33,500lbs (15,195kg)

GLADIATOR™ H6203



The Gladiator H6203 is a new, electrically driven, wheeled horizontal screening plant which offers excellent screening and blending capabilities

It features the renowned Terex Cedarapids 20' x 6' heavy duty, triple shaft oval stroke screenbox which is chassis mounted on wheels meaning ease of movement and quick set up.

The Gladiator H6203 is a rugged and heavy-duty screening system, with many patented and patent-pending features. The unit is fully electrically driven using tried and tested Powerscreen® Hybrid™ technology, making it an ideal choice in locations with strict environmental regulations.





AGGREGATE

RECYCLING

MINING



Sand & gravel Blasted rock River rock

Top Soil

Processed ores C&D Waste Processed minerals Composed materials Wood By-Products Overburden Foundry Waste

TECHNICAL HIGHLIGHTS ⊙





PATENTED OPERATION & MAINTENANCE FEATURES

- Patented triple-shaft lubrication system
- Patent-pending low maintenance surge dampers/ship braces



- Heavy-duty roll-away blending chutes for screen mesh access and serviceability. Also fitted with Four section (25%) blending gates for all decks to allow combination of products on all decks.
- Motor Step over and extended walkway on the right hand side as standard



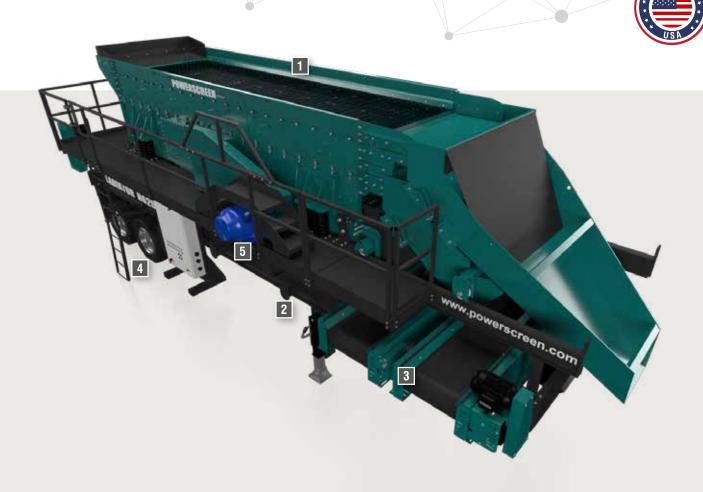
ROAD-LEGAL & EASY TO MOVE

- Made locally in USA, with lowest possible weight for ease of movement
- 8 wheel sprung axle and air brakes ensure a smooth journey



ENVIRONMENTALLY FRIENDLY

- Electrically driven meaning low fuel emissions and running cost
- No costly engine aftertreatment reducing expensive engine maintenance costs



TECHNICAL SPECIFICATION

SCREEENBOX

3 deck triple shaft horizontal screenbox Length: 20' (6100mm) Width: 6' 4" (1930mm) Proven triple shaft technology

Adjustable stroke length & angle

2 UNDERSCREEN CONVEYOR Width: 48" (1220mm)

Motor: 7.5hp (5.6kW) Discharge Height: 5' 4" (1.63m)

3 CROSS CONVEYORS

Width: 30" (760mm) Motor: 7.5hp (5.6kW) Discharge Height: 6' (1830mm) Reversible as standard with Switchgear 4 CHASSIS & TIRES

Heavy duty tandem walking beam suspension Tires: 8 x 295/75 R22.5 Landing Jacks: Two Crank-Style

5 POWER UNIT Electrically driven

→ POWER

Screenbox 40hp (30kW) Underscreen Conveyor 7.5hp (5.6kW) Cross Conveyor x 2 7.5hp (5.6kW)x2 **Total Power Required** 62.5hp (47kW)

DIMENSIONS



42' 2" (12850mm)



12' (3660mm)



WEIGHT

Total Weight: 54,250kg (24,607kg) Axle Load: 30,500lbs (13,834kg) King Pin Load: 23,750lbs (10,772 kg)

GLADIATOR™ H8203





The Gladiator H8203 is a new, electrically driven, wheeled horizontal screening plant which offers excellent screening and blending capabilities

It features the renowned Terex Cedarapids 20' x 8' heavy duty, triple shaft oval stroke screenbox which is chassis mounted on wheels meaning ease of movement and quick set up.

The Gladiator H8203 is a rugged and heavy-duty screening system, with many patented and patent-pending features. The unit is fully electrically driven using tried and tested Powerscreen® Hybrid™ technology, making it an ideal choice in locations with strict environmental regulations.



APPLICATIONS

AGGREGATE

Sand & gravel

Blasted rock

River rock

RECYCLING



Top Soil

C&D Waste Composed materials Wood By-Products Overburden

Foundry Waste

Processed ores Processed minerals

MINING

TECHNICAL HIGHLIGHTS ⊙



PATENTED OPERATION & MAINTENANCE FEATURES

- Patent-pending low maintenance surge dampers/ship braces
- Heavy-duty roll-away blending chutes for screen mesh access and serviceability. Also fitted with Four section (25%) blending gates for all decks to allow combination of products on all decks.
 - Extended Walkway on Left hand side of the machine to allow easy mesh changes



ROAD-LEGAL & EASY TO MOVE

- Made locally in USA, with lowest possible weight for ease of movement
- 8 wheel sprung axle and air brakes ensure a



ENVIRONMENTALLY FRIENDLY

- Electrically driven meaning low fuel emissions and running cost
- No costly engine aftertreatment reducing expensive engine maintenance costs



TECHNICAL SPECIFICATION

SCREEENBOX

3 deck triple shaft horizontal screenbox Length: 20' (6100mm) Width: 8' 4" (2540mm) Proven triple shaft technology Adjustable stroke length & angle

2 UNDERSCREEN CONVEYOR Width: 60" (1520mm)

Discharge Height: 5' 4" (1.63m)

3 CROSS CONVEYORS

Motor: 10hp (7.5kW)

Width: 36" (900mm) Motor: 7.5hp (5.6kW) Discharge Height: 6' (1830mm) Reversible as standard with Switchgear 4 CHASSIS & TIRES

Heavy duty tandem Leaf Spring Landing Jacks: Two Crank-Style Air brakes Tires: 8 x 11R x 22.5

5 POWER UNIT Electrically driven

→ POWER

10hp (7.5kW) Cross Conveyor x 2 7.5hp (5.6kW)x2 Total Power Required 75hp (55.7kW)

Screenbox 50hp (37kw) 40hp (30kW) Underscreen Conveyor 7.5hp (5.6kW) 7.5hp (5.6kW)x2

DIMENSIONS



46' 7" (14200mm)



15' 9" (4800mm)

TRANSPORT

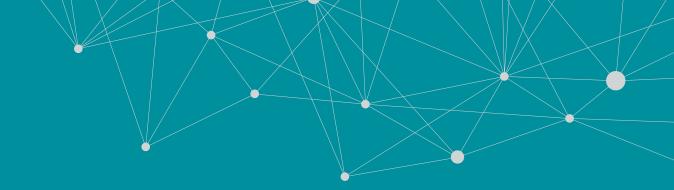
Length: 43' 4" (13.21m) Width: 11' 12" (3.66m) Height: 13' 6" (4.11m)

WEIGHT

Total Weight: 65,500lbs (29,710kg) **Axle Load:** 37,000lbs (16,785kg) **King Pin Load:** 28,500lbs (12,925kg)

NOTES





G L A D I A T O R



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