

# 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



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

### MINING



Processed ores  
Processed minerals

## TECHNICAL HIGHLIGHTS



### RELIABLE & EASY TO OPERATE

- Simple, reliable push button controls
- Vibrating grizzly feeder removes fines before crushing
- Aggressive crushing action by renowned JW42 jaw 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

### 1 FEEDER

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 x 760mm)  
Operating Speed: 250rpm  
Power: 150hp (110 kW)

### 3 DISCHARGE CONVEYOR AND UNDERCRUSHER CONVEYOR

Width: 42" (1070mm)  
Discharge Height: 9' 2" (2.8m)  
Manufactured from 1/4" (6mm) mild steel  
Rock ledge with AR400 3/8" (10mm) liners  
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

Jaw	150hp (112kW)
Discharge Conveyor	15hp (11kW)
VGf	40hp (30kW)
Optional Bypass Conveyor	7.5hp (5.6kW)
Optional Magnet	2hp (1.5kW)
<b>Total Power Required</b>	<b>214.5hp (160kW)</b>

## DIMENSIONS



## WEIGHT

**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

\*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.