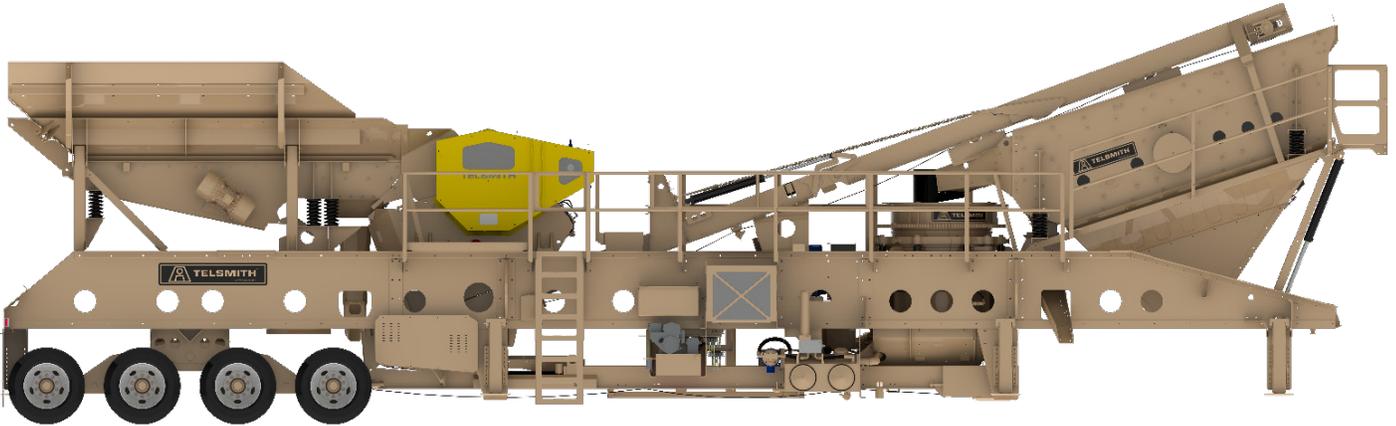


JCP H2238-T200

Wheel-Mounted Crushing and Screening Two-Stage Plant



Chassis

- Fabricated panel main beams, fifth wheel plate, equipment supports, and cribbing legs
- Platforms: Gripstrut walkways around crusher, toeboards, handrails, and access ladder
- Chutework: 3/8" mild steel with bolt in 3/8" AR400 liners and access covers
- Rear mount drive assembly
- Triple Axles and highway towing kit
 - o Includes 25,000# axles, air brakes, walking beam axle support
 - o (12) 11R22.5 tires
 - o Mud flaps and lights with reflectors

H2238 Hydra Jaw Crusher

- 559 mm (22") x 965 mm (38") feed opening
- One-piece mainframe fabricated and stress relieved
- Hydraulic relief and adjusting toggle cylinder
- Central grease point
- AR steel cheek plates
- Swing Jaw: Cast steel pitman, replaceable swing jaw hub protector, spherical swing jaw and main frame bearings
- Grease lubrication
- 275 RPM maximum

Hopper / Vibrating Grizzly Feeder Module

- Live Body: Mild steel pan at 0 degree decline
- 1/2" thick AR steel pan liners
- 1/4" AR side liners
- 4' long straight deck AR steel grizzly bar section
- Heavy duty coil support springs with pads
- Vibrating Unit - Dual 7.9HP shaker motors

Titan™ T200 Cone Crusher

- Full Top Service
- Patented Hydro-Dynamic Bearings
- Patented Thread Scraper
- Thread Locking Mechanism
- Balanced Eccentric Assembly
- Cast Steel Frame with Bronze Radial and Thrust Bearings
- Hydraulic Relief and Clearing System
- Hydraulic Bowl Adjust System
- Receiving Hopper
- Oil Lube System: 10HP oil pump assembly
- Hydraulic System: 15HP pump assembly

Conveyor System

- 1067 mm (42") x 12497 mm (41') main conveyor with 20 HP drive motor, belting and idlers
- 1067 mm (42") x 9144 mm (30') under crusher conveyor with drive from main conveyor, belting and idlers

Triple Deck Inclined Screen

- 1524 mm (5') x 4267 mm (14') Valu-King™ with 15 HP motor
- 1/4" sideplates with reinforcing plates at vibrator
- Feedbox with 1/4" AR400 liners
- Standard single crown support frames for side-tensioned media
- Tension rails, discharge lips, backplate with rubber dust curtain, support pedestals and springs
- Fold down screen with service platforms on both sides and back of screen

Plant Options

- Tapered loading hopper 2388 mm (7'-10") wide, 4521 mm (14'-10") high, can be folded for additional clearance or travel. Allows for loader feed from rear of plant.
- Quad Axles and highway towing kit

Cribbing Options

- Steel cribbing leg extensions to provide 2' lift
- Hydraulic leveling system with pins for run-on consisting of (8) 5"x24" hydraulic legs, control valve and hoses, and 8HP gas engine power unit
- Hydraulic leveling system with pins for run-on consisting of (8) 5"x24" hydraulic legs, control valve and hoses, and 24VDC power unit.
- Manual crank landing jacks for parking consisting of (2) jacks near kingpin

Discharge Options

- 36" wide end discharge conveyor for dry screen
- Wet bottom deck with spray bars on screen with collecting hopper and flume in place of end delivery conveyor
- 24" x 50' channel frame product conveyor(s) with folding head section

Jaw Crusher Options

- 125 HP TEFC electric motor at 1200 RPM
- Automatic Grease Lubrication System with motor driven pump, 8L tank, support stand, hoses and alarm system
- Cold Weather Package
- Bearing temperature sensors with readouts on the control panel

Cone Crusher Options

- Patented Anti-Spin System
- Transformer Enclosure for Basic Alarm Package
- 200 HP TEFC electric motor at 1200 RPM
- High Ambient/High Altitude Air-to-Oil Cooling System
- Cold Weather Package
- Trac10® Automation System with - Operator Interface Terminal - 12 inch full color touchscreen display

Screen Options

- Standard wire cloth

Electrical Lift-Off Starter Package Option

- Soft-Start / Motor Starter Panels
 - o UL certified NEMA4 panel
 - o Main circuit breaker
 - o Soft start for crusher motor
 - o Motor starters for plant motors,
- VFD Drive Panel
 - o UL certified NEMA3R panel
 - o Variable frequency drive for VGF
- Off-Plant Support - Panel support stand and cord grips
- Start and stop push buttons with speed control

Electrical Options

- On-Plant wiring and cord grips from NEMA4 junction box to all motors, switches, sensors, and alarm panels
- Remote display for the Jaw control panel for use in control house
- Remote push button station in lieu of door mounted buttons. Consists of a panel connected via 75' of multi-conductor cable to the Lift-Off starter panels

Dimension	Standard	Metric
Plant Design Capacity	110-165 stph	100 – 150 mtpH
Feed Size to Jaw, Maximum	18 inches	458 mm
Jaw Crusher CSS, Minimum	2.0 inches	51 mm
Jaw Crusher CSS, Maximum	3.0 inches	76 mm
Cone Crusher CSS, Minimum	0.5 inches	12 mm
Cone Crusher CSS, Maximum	1.0 inch	25 mm
Screen Cloth Openings, Maximum	2.5 inches	64 mm
Screen Cloth Wire Diameter, Maximum	0.43 inches	11 mm
Screen Cloth Openings, Minimum	0.19 inches	4.8 mm, with dry material
Maximum Lump Size to Wrap Conveyor	2.0 inches	51 mm
Total Weight - Travel Configuration Quad Axle	126,061 lbs	58,764 kgs
Total Weight - Travel Configuration Triple Axle	123,197 lbs	55,881 kgs

*Feed sizes (measured out average at max CSS) and the minimum operating CSS is affected by the feed gradation, type of material, fines content, feed distribution, moisture content, feed rate and other site specific operating conditions.



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