

K500+PM

Portable Kodiak[®] Plus Cone Crusher Plant



Kodiak[®] Plus K500+ Cone Crusher

- Aggressive stroke, maximum production cone crusher with tramp iron relief system featuring pressure relief valves
- Large bore dual acting heavy-duty relief cylinders require lower pressure with high hold down force
- Hydraulic thread adjust for quick, easy setting changes and even bowl liner wear
- Digital readout setting control
- Hydraulic chamber clearing, hydraulic thread locking
- Interchangeable chamber configurations
- Hydraulic anti-spin cone brake
- Oil reservoir with oil heater
- Plant mounted hydraulic package with 15 hp electric motor and electrical junction box
- Remote control panel with 50' cord, manganese installed crusher sheave, crusher tools, external lube pump with 3 HP electric motor and electrical junction box
- Twin 250 HP 1,200 RPM TEFC crusher motors, KCS controls
- Crusher feed hopper extension

Chassis

- Quad axle chassis
- Heavy-duty structural I-beam
- Hutch 9700 series suspension
- 22,500# axles with 11.00 x 22.5 tires
- Stationary cribbing supports
- Standard fifth wheel plate
- Air brakes
- Lights
- Mud flaps
- Safety guards to known standards
- Diamond plate walkways around crusher, 4" toe boards, 42" handrails and access ladder
- Crusher tools tool box
- HPU access platform and ladder

42" Under-Crusher Rear Discharge Conveyor

- 10 HP TEFC electric motor
- Vulcanized lagged head pulley
- Self-cleaning wing tail pulley
- Dodge[®] SCM bearings
- CEMA C sealed idlers
- Grade II, 330 3 ply belting

Options

- Front discharge conveyor (discharges over king pin ILO over axles)
- Electrical switchgear includes NEMA 12 enclosure with wiring and starters for all on plant electric motors, with skid base for placing on ground during operation. Motor cable lengths provided to allow placement of panel up to 10 feet from chassis, consult factory for custom cable lengths
- Telescoping support leg (4) tube in tube design with internal manual screw style jack for added support, with bolt-on leg at king pin end of chassis
- Hydraulic power unit - required if any hydraulic options are selected 8HP gas Honda (or) 12v (or) 24v power unit available, please specify at time of order
- Hydraulic lifting Jacks (4) cylinder (with 24" stroke), control valves (for lifting plant only) plant to be supported by stationary blocking. Requires Hydraulic power unit option
- Stabilizing system (4) cylinder with (24" stroke), control valves with relief valve (for operating plant on jacks without cribbing). Requires hydraulic power unit option
- Vulcanized belt splice for 42" under crusher conveyor in lieu of standard mechanical splice
- Overflow chute
- Dual Cogged belt drive

Physical/Operating Characteristics

Dimension	Standard	Metric
Operating Length	52' 10 1/8"	16.1 m
Operating Height	16' 5"	5m
Travel Height	14' 5 1/2"	4.4m
Travel Width	12'	3.7 m
Feed Height	16' 5"	5m
Max Feed Size Up To	14"	362mm
Estimated Axle Weight	69,908lb	31,709kg
Estimated Kingpin Weight	51,195lb	23,221 kg

