

K400+PM

Portable Kodiak® Plus Cone Crusher Plant



Kodiak® Plus K400+ Cone Crusher

- High efficiency roller bearing design
- Remote close side setting (CSS) adjustment
- Patented mechanical "crusher duty" cone brake
- Patented liner retention assembly
- Bronze field replaceable V-seat liners
- Permanently precision balanced
- Protected internal counter weights
- Baseframe tub liners field replaceable 400BHN
- Cold-climate oil recirculation
- Manganese liners (select from list of interchangeable liners)
- Crusher tools
- Operation and maintenance manuals
- Crusher feed hopper

Hopper

- Crusher feed hopper extension

Chassis

- Triple 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

Under Crusher Conveyor

- AR lined under crusher hopper with maintenance door
- 42" under-crusher end delivery 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)
- Hydraulic anti-spin cone brake (required for auto CSS calibration adjustment)
- 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 kingpin 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	48' 11 1/2"	14.9m
Operating Height	13' 10"	4.2m
Travel Height	13' 10"	4.2m
Travel Width	11' 11 1/2"	3.6m
Feed Height	13' 10"	4.2m
Max Feed Size Up To	12 3/4"	323mm
Estimated Axle Weight	50,000lb	22,680kg
Estimated Kingpin Weight	44,000lb	19,958kg

