

FL-K400C CONE CRUSHER



Plant Design

- Carries K400 cone and accessories
- Cone supplied with 400HP motor, motor sheave, bushing, and v-belts
- 42" Rear Feed (In) and Rear Discharge (Out) conveyors
- Left or Right position for Rear Feed conveyor

Plant Structure and Highway Transport

- W24 main beams and primary cross members
- 6 blocking leg positions and 2 fold-down legs
- Suited to add Run-on or Level Leg Packages
- Wide base tridem axle with New Dual 11R22.5 retread tires, Spring suspension
- 5th wheel pin and towing bar
- Air Brakes, lights, reflective tape, mud flaps

Hydraulic Package Honda Gas Engine

- Honda GX270 QAE 9HP w/ electric start, backup recoil, 3A charge system
- 10-gallon reservoir, hose, fittings

Valve Block hose and fittings

- 10 Valve block for individual operation of 6 level cylinders, RF and RD cylinders
- All fittings and hoses

Hydraulics Rear Feed Conveyor

- Head end lift and slide L/R for operation / maintenance / transport positions with 2 cylinders, hoses and fittings
- Tail end slide L/R with 1 cylinder, 1 valve block, hoses and fittings

Hydraulics Rear Discharge conveyor

- Head end Raise and lower for operation / transport positions with 1 cylinders, 1 valve blocks, hoses and fittings

Level Cylinders (6)

- 58,900 lbs 5x24"x3.5" Levelling Cylinders
- Dual counterbalance valve, hard piped
- Individual valve control, powered by Hydraulic Package
- I beam block legs for mounting Level cylinders to chassis

Cone Drive Mount

- Rigid frame motor base, with built-in screw adjustment for belt tension
- Enclosed v-belt guard
- Base and guard bolt-in, for cone pinion removal access

Rear Feed Conveyor, 42" x 37', 275 fpm

- 42" belt 330-3 ply 3/16x1/16 D1 belt, vulcanized
- 14 Head drum pulley, 3/8 lagged, 1045 shafting, 215 SCM bearing units
- 12 Wing tail pulley with screw take-up, 1045 shafting, 215 SCM bearing units, guarded
- 15HP WEG electric C-Face motor drive
- Dodge Motor Torque Arm 3203H25Right angle drive with backstop
- PPI C5 20° Channel Inset Trough Idlers and Flat Rubber disc returns
- 1'-6" load zone, 3' carry, 10' returns
- load zone with Impact idlers and clamp adjusted skirt rubber
- Martin Pit Viper Belt Cleaner
- Full conveyor length skirt, 36" wide with guard, bolt-in
- C8 channel frame with added reinforcement for cantilever and long spans, tail support legs
- built-in lift lugs for left-right orientation change
- Return roll pinch guards

Rear Discharge Conveyor, 42" x 44', 275 fpm

- 42" belt 330-3 ply 3/16x1/16 D1 belt, vulcanized
- 14 Head drum pulley, 3/8 lagged, 1045 shafting, 215 SCM bearing units
- 12 Wing tail pulley with screw take-up, 1045 shafting, 215 SCM bearing units, guarded
- 5HP WEG electric C-Face motor drive
- Dodge Motor Torque Arm 3203H25 right angle drive with backstop
- PPI C5 20° Channel Inset Trough Idlers and Flat Rubber disc returns
- 1'-6" load zone, 3' carry, 10' returns, return pinch guards
- load zone with Impact idlers and clamp adjusted skirt rubber
- Martin Pit Viper Belt Cleaner
- Heavy duty rock box transition from under-cone to conveyor
- Plate structure with lip-edge protection bars
- Rear access door
- Conveyor load zone, interfaced to rock box, AR lined
- C8 channel frame with added reinforcement for cantilever and long spans

Platform, Handrail, Ladder

- 32" wide X 7'6" long platform on 2 sides
- 16" wide at narrowest point beside cone
- 32" wide platform with overflow chute Rear of cone
- 2 ladders with safety gate access
- Standard design
- Checker plate platform with 6" kick plates
- 42" Hss 1.5 handrail with mid-rail and posts, removable

Urethane Premium Coating

- Graphite Gray / safety Yellow Guarding / red ladder

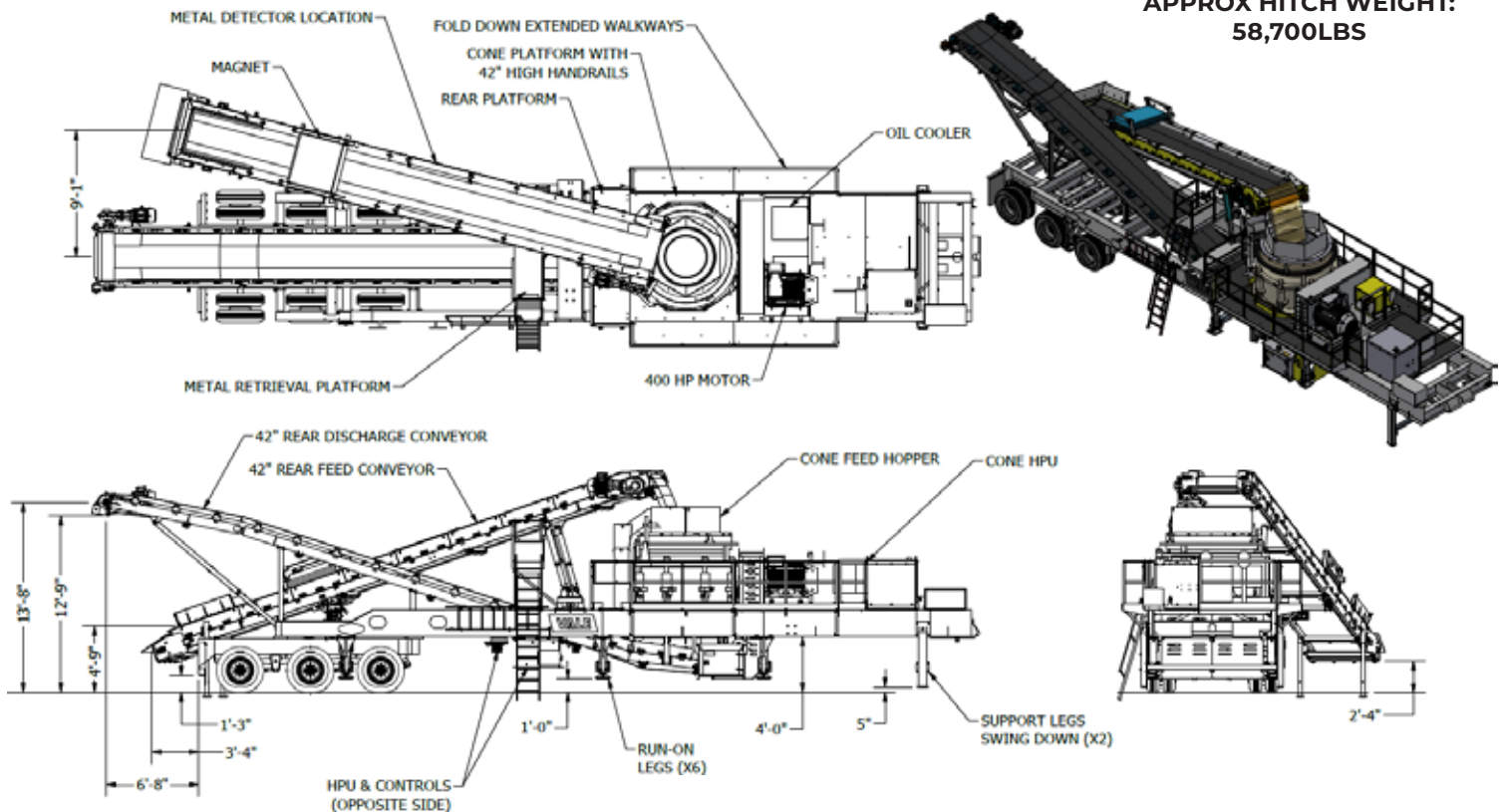
Cone Accessories

- Feed Ring with overflow discharge, adjustable rubber lip, removable for transport
- 2 support/guide arms, bolt to cone frame
- Overflow chute, rock box bottom, bolt-in to chassis frame
- Mount positions for HPU w/ cooler, Lube Unit, feed ring transport

Owner's Manual and Parts List

APPROX AXLE WEIGHT:
55,400 LBS

APPROX HITCH WEIGHT:
58,700LBS



OPTIONS

New Tire Upgrade Firestone

- 11R22.5 14/Ply Firestone

Toolbox

- 36"x18"x18"

Run-On Legs (6)

- 58,900 lbs 5x18 Run-On legs
- Dual counterbalance valve, hard piped
- Locking pin w/ fine adjustment
- Individual valve control, powered by Hydraulic Package

Rigid Magnet Stand

- 4 Post HSS mount frame

Metal Detector Area & Picking Platform, RF Conveyor

- 6' UHMW skirt both sides of conveyor, replaces steel
- 2'x2' deck with 3 side handrail, stair
- Deck height & location to pick steel on head side of RF conveyor
- Detector supplied and installed by dealer

Platform expansion

- Folding side platforms to expand width
- Extend platform over hitch for easier access to switchgear, Cone HPU and cooler

Note: It is the end user's responsibility to ensure safety and guarding meet local regulations.