**3048 HSI-VGF-VLK-CC**  
PORTABLE CRUSHING AND SCREENING PLANT

**STANDARD FEATURES**

**1118mm (44") x 3.7m (12') Vibrating Grizzly Feeder**  
Step deck finger style grizzly sections  
(2) 5.8kW (7.9 HP) Exciter motors  
12.7mm (1/2") AR steel pan liners  
6.3mm (1/4") AR steel side liners

**3048 Horizontal Shaft Impactor**  
762mm (30") diameter rotor  
1219mm (48") wide rotor  
110.3kW (150 HP) crusher drive  
Rotor with two 28% high chrome hammers  
76.2mm (3") x 203.2mm (8") full width hammers  
12.7mm (1/2") thick AR steel side liners  
25.4mm (1") thick AR steel apron liners  
Two adjustable gravity hung, spring relief impact aprons  
Hydraulic assist frame opening for service access  
Maximum feed size 229mm (9") thick slab

**1.5m (5') x 4.9m (16') Triple Deck Valu-King Screen**  
14.7kW (20 HP) Drive  
22A Grease lubricated vibrating unit with 110mm bearings  
All decks designed for side tension wire cloth  
Maximum opening on top deck is 50.8mm (2")  
Live oversize transfer chute to 457.2mm (18") wide impactor return conveyor to impactor  
Screen can be converted for one or two product operation

**1219mm (48") x 11m (36') Screen Feed Conveyor**  
14.7kW (20 HP) drive  
3-PLY 330PIW 6.4mm (1/4") X  
1.6mm (1/16") Grade 1 conveyor belt
457.2mm (18") x 7.6m (25') 
Closed Circuit Conveyor (return to impactor)
- 7.3kW (10 HP) drive
- 2-PLY 220PIW 4.8mm (3/16") X 1.6mm (1/16")
  - Grade 2 conveyor belt

1219mm (48") x 6.4m (21')
Underscreen Conveyor
- 7.3kW (10 HP) drive
- 2-PLY 220PIW 4.8mm (3/16") X 1.6mm (1/16")
  - Grade 2 conveyor belt

Portable chassis with tandem rear axle
(no options)
- Total weight: 30,043.7 kg (66,235 lbs)
- Rear axle weight: 17,236.5 kg (38,000 lbs)
- King pin weight: 12,807 kg (28,235 lbs)
- Overall length: 17.3m (56'8")

Paint: Astec Beige

Optional Items:
- Oversize reject grizzly with hydraulic clearing and 3.9m
  (12'-10") rear feed width
- Hopper extensions for 3.8m (12'-10") wide rear feed
- Wire cloth for screen
- Permanent magnet mounted over screen feed
  conveyor with manual stripper
- Four Point hydraulic leveling system with run-on jacks
- Wiring of plant motors to junction box (no starters)
- Lift-off motor starter panel including wiring between
  motors and junction box and cable between junction
  box and starter panel
- Two extra starters can be added to lift-off motor
  starter panel package