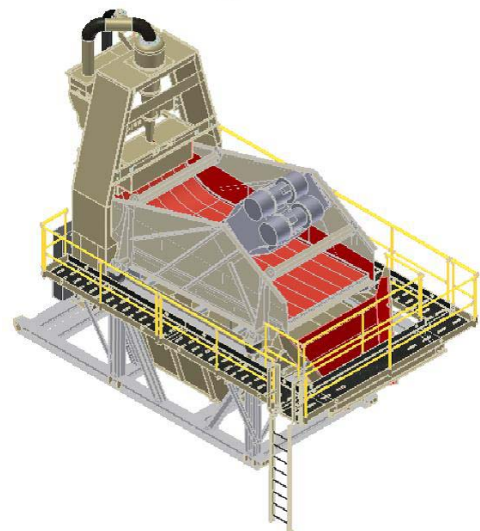
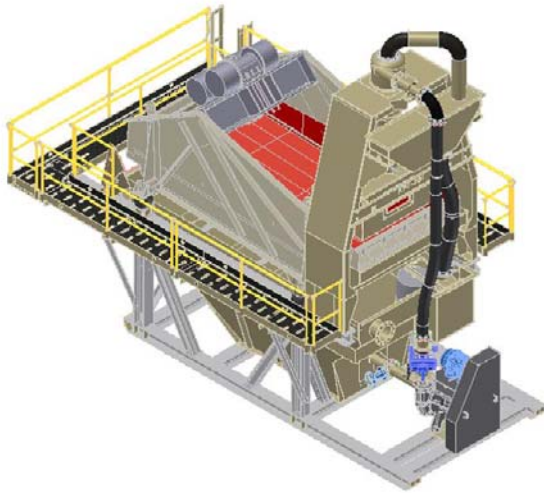
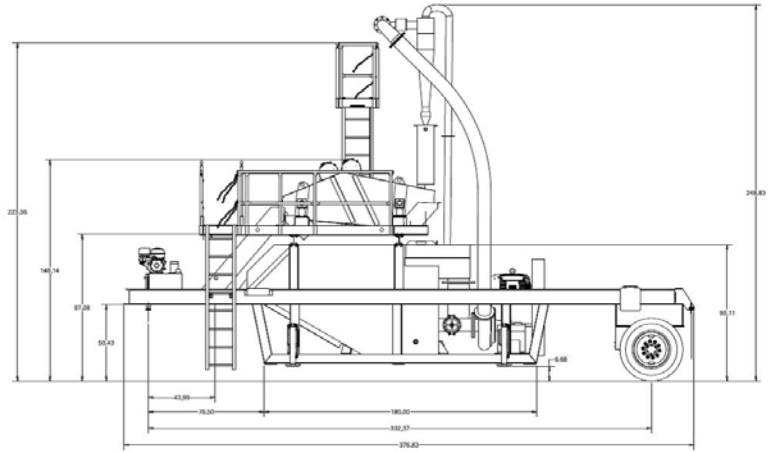
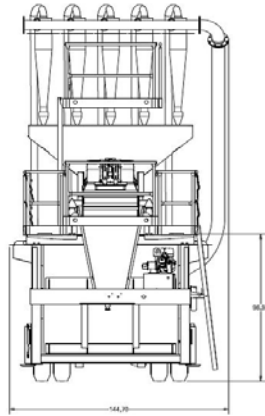
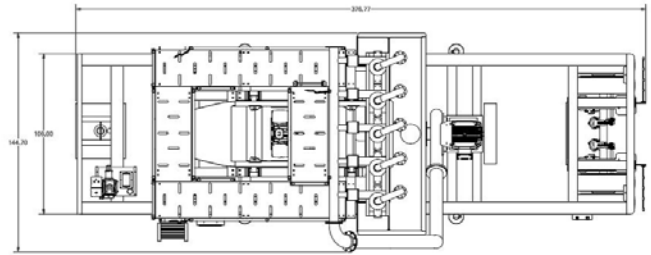




Series 9000 Portable, Semi-Portable & Stationary Plants Spec Sheet



The KPI-JCI Series 9000 plants combine all the features of the KPI-JCI Series 9000 dewatering screens, cyclones, slurry pumps and custom engineered chassis or skid mounted support structures into one complete, compact package. The Model #9400 plants are designed for aggregate producers requiring a fines recovery plant to support their existing operations by reducing the volume of fine material (typically, minus #100 mesh x plus #400 mesh) reporting to the settling pond without the use of flocculants while the Model #9200 plants are designed to dewater and fine tune sand products to a level typically not possible with traditional sand dewatering equipment.

Available in portable, semi-portable or stationary configurations, these plants are custom built to meet the application requirements and can be configured with various types and quantities of cyclones, various pump sizes and various dewatering screen sizes. Other custom features include dual inlet slurry sumps with bypass and overflow capabilities, electrical packages with vfd's as required, air suspension axle assemblies, hydraulic leveling jacks, hydraulically folding cyclone support system and electric/hydraulic or gas/hydraulic power packs.

● DEWATERING CYCLONES

Model #DWC 6/6, 6/10, 10/10 & 16/10

- Heavy duty, fibre reinforced plastic (FRP) casing
- Concave, convex 360° spiral inlet head liner
- Inlet pressure diaphragm and gauge
- Snap fit, replaceable elastomer (i.e. – rubber) liners
- Stainless steel quick release clamp fasteners
- Replaceable urethane vortex finder
- Replaceable rubber apex/spigot
- Flexible rubber “fishtail” dewatering discharge boot and siphon control valve
- Extended steel overflow pipe

Model #DWC 20/10, 26/13 & 32/13

- Heavy duty fabricated steel or cast iron casing
- Concave, convex 360° spiral inlet head liner
- Inlet pressure diaphragm and gauge
- Replaceable elastomer (i.e. – rubber) liners
- Bolt together cone sections
- Replaceable rubber lined vortex finder
- Replaceable rubber apex/spigot
- Flexible rubber “fishtail” dewatering discharge boot and siphon control valve
- Extended steel overflow pipe

● DEWATERING SCREENS:

- Predominately bolted screen frame assembly
- Integral stiffener tubes with lifting lugs
- Steel coil springs
- Adjustable incline (0° to 5°)
- Sloped feed section
- Adjustable discharge dam
- Bolt-in UHMW pan side liners
- Highly abrasion resistant 1' square x 30 mm thick modular urethane screen media with slotted apertures
- Stress relieved, fabricated motor bridge
- Engineered motor mounting studs
- Dual 3/60/230-460 vibrating motors
- Adjustable stroke
- Horizontal main frame
- Paint – std. KPI beige

● CLASSIFYING CYCLONES

Model #CC 1.6/6 & 4/6

- Solid polyurethane cyclones
- Replaceable urethane vortex finder
- Replaceable urethane apex/spigot
- Victaulic feed and overflow connections

Model #CC 6/6, 6/10, 10/10 & 16/10

- Heavy duty, fibre reinforced plastic (FRP) casing
- Concave, convex 360° spiral inlet head liner
- Snap fit, replaceable elastomer (i.e. – rubber) liners
- Stainless steel quick release clamp fasteners
- Replaceable urethane vortex finder
- Replaceable rubber apex/spigot

Model #CC 20/10, 26/13 & 32/13

- Heavy duty fabricated steel or cast iron casing
- Concave, convex 360° spiral inlet head liner
- Replaceable elastomer (i.e. – rubber) liners
- Bolt together cone sections
- Replaceable rubber lined vortex finder
- Replaceable rubber apex/spigot

● SLURRY PUMPS:

- Warman horizontal centrifugal slurry pumps
- Large diameter shaft with short overhang minimizes deflection and contributes to long bearing life.
- Easily replaceable rubber liners are bolted, not glued, to the casing for positive attachment and ease of maintenance.
- Casing halves of cast or ductile iron with external reinforcing ribs provide high operating pressure capabilities and an extra measure of safety.
- Molded rubber impeller with front and rear shrouds have pump out vanes that reduce recirculation and seal contamination.
- A very robust one-piece frame cradles the cartridge type bearing and shaft assembly. An external impeller adjustment mechanism is provided below the bearing housing for easy adjustment of impeller clearance.
- Complete drive assembly including 1800 RPM, TEFC, 3/60/230-460 motor, overhead motor mount, v-belts, sheaves, bushings and v-belt guard.

For additional information on the cyclones and dewatering screens, see the individual spec sheets or consult the factory.

FOR MORE INFORMATION CALL 1-800-542-9311 AND ASK FOR A KOLBERG EQUIPMENT SPECIALIST

NOTE: Specifications are subject to change without notice.

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