

## **CMI SP-3 REXPACTOR**

### **TECHNICAL DESCRIPTION**

#### **1 CHASSIS AND DRIVE SYSTEM**

Chassis	-	Robust articulated chassis fabricated from mild steel plate. Chassis complete with integral mounts for the engine, front and rear axles, blade and hydraulic system
Engine	-	Cummins QSB6.7 225 HP Tier 4F turbo-charged and charge air cooled diesel engine with dry type air cleaner with service indicator. Engine controlled automatic de-rate and shutdown for high temperature, low oil pressure and coolant loss
Cold start	-	Electric grid air preheater starting aid
Cooling	-	Engine skid mounted radiator, charge air cooler, and hydraulic oil cooler
Fuel tank	-	125 gallon capacity
Transmission	-	Dana 3 Speed forward / reverse with torque converter.
Axles	-	Axletech heavy duty drive axles
Front axle	-	Ridged mounted with locked differential
Rear axle	-	Ridged mounted with locked differential
Drive	-	Continuous four (4) wheel drive
Service brake	-	Transmission mounted, oil cooled, hydraulically actuated
Parking brake	-	Transmission mounted, cable actuated
Steering	-	Centre articulated
Hydraulic system	-	Industry standard hydraulic components designed to provide optimum performance in travelling or working mode complete with cartridge filters
Ground clearance	-	18-3/4"
Inside turning radius	-	14'4"

## **2      PROCESS EQUIPMENT**

Operating weight	-	38,000 lbs
Blade	-	10' semi U blade with reversible cutting edges w/ 1' wings
Blade control	-	Hydraulically controlled up, down, hold and float positions
Blade max height	-	34" above grade
Blade min height	-	6" below grade
Wheels	-	Four (4) open ring wheels all steel fabrication with offset pads providing 9' 9" compaction width per pass.
Diameter	-	60
Width	-	24" rear, 17" front

## **3      CONTROLS**

Operator's cab	-	Ergonomically designed ROPS protected operators cab providing a controlled environment for the operator, with tinted glass, windshield washer, wiper and defrost fan front and rear. Clean out door provided
Seat	-	Adjustable mechanical suspension high-back side-facing seat
Controls	-	Lighted display and gauges in cab. Electrical system protected by master disconnect switch. Engine diagnostics port inside cab for troubleshooting
Joystick	-	Armrest mounted joystick controls for steering, blade functions and horn control
Lighting	-	Eight (8) LED operating lights provided. Four (4) front and four (4) rear facing
Alarm	-	Audible reversing alarm and horn provided

**4      CAB AIR CONDITIONING**

Air conditioning      -      Installation of air conditioning to provide a positive pressure temperature controlled working environment in the cab

**5      WIRING & FACTORY TESTING**

The SP-3 Rexpactor is pre-wired and factory tested prior to dispatch.

**GUARDS**

Safety guards are provided over all V belt drives, chain drives and spur gears.

**STEELWORK**

All welds to be cleaned as necessary, steelwork to be wire brushed and generally cleaned of all mill scale etc before painting.

**PAINTING**

All external surfaces are painted with one-coat single pack zinc phosphate primer, followed by a high build semi-gloss topcoat enamel finish.

**VOLTAGE**

24 Volt

**MANUALS**

We include for two complete sets of operators and maintenance instruction manuals and illustrated spare parts manuals.