

XR2 VACUUM EXCAVATOR



SAVE SPACE AND TIME. With a large, shared fluid storage and maximum load weight, you can expect to make less trips to the dump, allowing you to spend more time on the jobsite.



MAINTAIN SUCTION. The airlock rotates continuously, discharging solids and liquids while maintaining vacuum within the system.



CONVEY YOUR MATERIAL. Conveniently discharge material into a loader bucket, roll-off, dump truck, tow-behind trailer or leave it on the jobsite depending on the material.



LIGHTEN YOUR LOAD. The shaker deck separates solids from liquid which helps lighten the slurry load that needs disposed of and helps extend time on the jobsite.



KEEP ON RUNNING. The hydraulic PTO helps keep you running and save time because you do not need to shift power back and forth to the vac and truck.



REMOTE CONTROL. Allows one-man operation of the boom, vac, conveyor, separation and dig pump.

XR2 VACUUM EXCAVATOR

GENERAL

Overall length: 432" (1097.3 cm)

Truck width: 102" (259.1 cm)

Body width: 98" (248.9 cm)

Overall height: 150" (381 cm)

Wheel base: 282" (716.3 cm)

Tandem axle spread: 54" (137.2 cm)

Cab to tandem axle: 214" (543.6 cm)

Gross vehicle weight rating: 60,000 lb (27,215.5 kg)

Gross vehicle weight rating - steering axle: 20,000 lb (9,071.8 kg)

Gross vehicle weight rating - tandem axle: 40,000 lb (18,143.7 kg)

Curb weight: 39,000 lb (17,690.1 kg)

Maximum recommended loaded weight: 54,000 lb (24,494 kg)

TRUCK

Model: Kenworth T880

Engine: Paccar MX13

Engine Power: 455 HP (339.3 kW)

Transmission: Allison 4500 RDS

Drivetrain: PTO, Chelsea 870

TANK CAPACITIES

Number of tanks: 4

Tank capacity (each): 500 gal (1892.7 L)

Maximum Water Capacity: 1,500 gal (5678.1 L)

Maximum Slurry Capacity: 1,300 gal (4921 L) at 10.5 PPG (1.26 SG)

FULL HYDRAULIC BOOM - STANDARD

Maximum reach: 252" (640.1 cm)

Horizontal travel: 84" (213.4 cm)

Rotation: 260°

Vertical travel at maximum reach: 120" (304.8 cm)

FULL HYDRAULIC CONVEYOR - STANDARD

Maximum reach: 168" (426.7 cm)

Rotation: 180°

Maximum discharge height: 80" (203.2 cm)

Belt width: 18" (45.7 cm)

WATER SYSTEM

Maximum flow: 10 CFM (37.9 L/min)

Maximum pressure: 3,000 PSI (206.8 bar)

Pressure adjustment: Electronic

Strainer: 100 mesh

Low water shutoff: Electronic

Hose reel type: Spring retract

Water hose length: 75' (22.9 m)

VACUUM

Maximum vacuum CFM: 3,400 CFM (5777 m3/hr)

Maximum vacuum: 18" Hg (0.6 bar)

Hose diameter: 6" (15.2 cm)

Number of cyclones: 6

Type of filter: 2-Micron washable poly

Blower silencer: Standard

Reverse pressure: Standard

Maximum reverse pressure: 5 PSI (0.3 bar)

CLEANING SYSTEM

Number of shakers: 1 - Double deck

Shaker top deck bed opening width: 1" (2.5 cm)

Shaker bottom deck bed area: 19.3 sq. ft. (1.8 sq. m)

Screen dimension: 25.3" x 36.8" (64.3 cm x 93.5 cm)

CONTROLS

Control panel: Electronic display with 7" (17.8 cm) screen

Wireless remote control: Dual joystick wireless remote

PTO activation: Hydraulic

AVAILABLE OPTIONS

Cold weather enclosure: Yes

In-tank heaters: 104,000 BTU/hr (30.5 kW) Glycol Heater and Heat Exchangers

Dig pump water heater: 420,000 BTU/hr (123.1 kW) Diesel Fired Boiler

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