

# VXT500 VACUUM TRUCK



**JUROP HELIX 1500 VACUUM PUMP.** 4,800 cfm and is capable of 27 inHg (135.9 m<sup>3</sup>/min, 685.8 mmHg) PD Blower driven by the OMSI transfer case with blower soft start engagement.



**TSUNAMI ULTRALIGHT BOOM.** This 8-in (20.3-cm) boom is constructed out of strenx performance steel making it lighter than a traditional unit.



**OMSI TRANSMISSION.** OMSI 500-hp (373-kw) with power clutch for blower engagement that eliminates stress on transmission.



**IFM ELECTRONICS.** Industry leading IFM industrial controller that monitors the systems temperature, pressure and vacuum sensors. It also allows the operator to see the engine instruments, the chassis instruments, as well as the vac instruments on the belly pack.



**WATER SYSTEM.** The water system is rated for 11.5 gpm @ 3,000 psi (43.5 L/min @ 20,684 kPa).



**BOILER.** 420K BTU diesel fired boiler with coils rated at 5,000 psi (34,473 kPa).

# VXT500 VACUUM TRUCK

GENERAL DIMENSIONS	VXT500 (MACK)	VXT500 (KENWORTH)
Length	394 in (1,001 cm)	394 in (1,001 cm)
Width	102 in (259 cm)	102 in (259 cm)
Height	137 in (348 cm)	137 in (348 cm)
Empty weight	38,000 lb (17,237 kg)	38,000 lb (17,237 kg)
TRUCK SPECS	VXT500 (MACK)	VXT500 (KENWORTH)
Truck model	Mack Granite	Kenworth T-880
Engine	Mack	Paccar MX
Engine model	MP8 430 HP (321 kW)	MX11L 430 HP
Transmission	mDrive 13 Speed	Allison 4,500 RDS with PTO option
GVWR	68,000 lb (30,845 kg)	70,000 lb (31,751 kg)
DEBRIS BODY	VXT500 (MACK) / VXT500 (KENWORTH)	
Debris body capacity	8 yds <sup>3</sup> (6.1-cu m <sup>3</sup> )	
Door type	Full radius half moon rear door	
In tank wash out	Inside spray wash-out system	
Mechanically full tank shutoff	Float ball primary shutoff	
Tank lift type	3 stage lift cylinder	
WATER TANK		
Water tank capacity	765 gal (2,896 L)	
Water pump	Up to 11.5 gpm @ 3,000 psi (43.5 L/min @ 20,684 kPa)	
High pressure hose length	75 ft (22.8 m)	
Low water alarm and indicators	Electronic sensor indicators	
VACUUM		
Air filters	Wire mesh washable	
Cyclonic filtration	Cyclonic filtration system	
Jurop 1500 Helix vacuum pump max flow	4,800 cfm (135.9 m <sup>3</sup> /min)	
Jurop 1500 Helix vacuum pump max suction	27 inHg (685.8 mmHg)	
CONTROLS		
Instrumentation	Digital on IFM processor 7 in screen	
BOOM		
Reach	21 ft (6.4 m)	
Hose diameter	8 in (20.3 cm)	
Movement	280 degree rotation	
Remote control	IFM wireless	

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