

VXT500 VACUUM TRUCK



JUROP HELIX 1500 VACUUM PUMP. 4,800 cfm and is capable of 27 inHg (135.9 m³/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 goes up to 11.5 gpm @ 3,000 psi (43.5 L/min @ 20,684 kPa) water pump.



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

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GENERAL DIMENSIONS		VXT500 (MACK)	VXT500 (KENWORTH)
Length		394 in (1,001 cm)	394 in (1,001 cm)
Width		101.75 in (258 cm)	101.75 in (258 cm)
Height		134.5 in (342 cm)	134.5 in (342 cm)
Empty weight		34,000 lb (15,422 kg)	34,000 lb (15,422 kg)
GVWR		70,000 lb (31,751 kg)	74,000 lb (33,566 kg)
TRUCK SPECS		VXT500 (MACK)	VXT500 (KENWORTH)
Truck model		Mack Granite	Kenworth T-880
Engine		Mack	Paccar MX
Engine model			MX11L 430 HP
Transmission			Allison 4,500 RDS with PTO option
SPOIL TANK		VXT500 (MACK) / VXT500 (KENWORTH)	
Spoil tank capacity		8 yds ³ (6.1-cu m ³)	
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		850-gal (3,217.6-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	
Boom length		21 ft (6.4 m)	
Hose diameter		8 in (20.3 cm)	
Vacuum max flow		4,800 cfm (135.9 m ³ /min)	
Vacuum max suction		27 inHg (685.8 mmHg)	
CONTROLS			
Instrumentation		Digital on IFM processor 7 in screen	

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