

VXT500 VACUUM TRUCK



JUROP HELIX 1500 VACUUM PUMP. 4,800 cfm @ 27 hg (135.9 cu L/min @ 2.7 kg) 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. Pratisolli 13 gpm @ 3,000 psi (50.7 L/min @ 20,684.3 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	
Length	394 in (1,001 cm)
Width	101.75 in (258 cm)
Height	134.5 in (342 cm)
Empty weight	34,000 lb (15,422 kg)
GVWR	70,000 lb / 74,000 lb (31,751 kg / 33,566 kg)
TRUCK SPECS	
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	
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 cycliner
WATER TANK	
Water tank capacity	850-gal (3,217.6-L)
Water pump	13 gpm @ 3,000 psi (50.7 L/min @ 20,684.3 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	Dual cyclonic filtration system
Boom length	21 ft (6.4 m)
Hose diameter	8 in (20.3 cm)
Silencers (cooling/discharge)	Miratech silencer
Vacuum max flow	4,800 cfm (135.9 cu L/min)
Vacuum max suction	27 hg (2.7 kg)
CONTROLS	
Instrumentation	Digital on IFM processor 12 in screen

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