



JUROP HELIX 2,000 VACUUM PUMP. 6,400 cfm and is capable of 27 inHg (181.2 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. Includes an IFM CAN bus control / monitoring system.



WATER SYSTEM. The water system is rated for 19.4 gpm @ 3,000 psi (73.4 L/min @ 20,684 kPa).



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



VXT600 VACUUM TRUCK

heigh 3in(1,02cm) 3in(1,02c	GENERAL DIMENSIONS	VXT600-11 (MACK)	VXT600-11 (KENWORTH)	VXT600-16 (MACK)	VXT600-16 (KENWORTH)
Height160 in (406.4 cm)160 in (406.4 cm)160 in (406.4 cm)160 in (406.4 cm)Empty weight45.000 (20.412 kg)45.000 (20.412 kg)TBDTDTRUCK SPECSVXT600-11 (MACK)VXT600-11 (KENWORTH)VX600-16 (MACK)VXT600-16 (KENWORTH)Truck modelMack GraniteKenworth T880Mack GraniteRenworth T880EngineMack GranitePaccarMackPaccarEngine modelMP8 505 hg (377 kW)MX-13 510 hg (380 kW)MP8 505 hg (377 kW)MX-13 510 hg (380 kW)TransmissionmDrive 13 SpeedAllison 6 SpeedmDrive 13 SpeedAllison 6 SpeedBERIS BODYVXT600-11 (MACK AND KENWORTH)VXT600-16 (MACK AND KENWORTH)SpeedSpeedDebris body capacity11 yds' (6.4 m')10.300 ld (47.75 kg)10.500 ld (47.67 kg)Door typeFull radius half moon rear doorFull radius half moon rear doorFull radius half moon rear doorIn tak wash outInside spray wash-out systemInside spray wash-out systemSpeedMethanically full tark shutoffFloat ball primary shutoffFloat ball primary shutoffTak tik type3.300-gal (4921-L)2.400-gal (9.085-L)Water tank capacity1,300-gal (4921-L)2.400-gal (9.085-L)Water tank capacity1,300-gal (4921-L)2.400-gal (9.085-L)Up to 19.4 gpm @ 3.000 psi (73.4 L/min @ 20.684 kPa)Up to 19.4 gpm @ 3.000 psi (73.4 L/min @ 20.684 kPa)Jing presure hose lengthCyclonic littration systemSpeedJurop 2.000 Heix vacuum pump max floadGyclo	Length	430 in (1,092 cm)	432 in (1,097 cm)	490 in (1,245 cm)	490 in (1,245 cm)
Emply weight45,000 (20, 412 kg)45,000 (20, 412 kg)TBDTBDTRUCK SPECSVXT600-11 (MACK)VXT600-11 (KENWORTH)VXT600-16 (MACK)VXT600-16 (KENWORTH)Truck modelMack GraniteKenworth T880Mack GraniteKenworth T880Engine modelMP8 05 hg (377 kW)MX-13 510 hg (380 kW)MP8 05 hg (377 kW)MX-13 510 hg (380 kW)TransmissionmPrive 13 SpeedAllson 6 SpeedMDre 13 SpeedAllson 6 SpeedGWR68,000 hg (30,844 kg)76,000 hg (4,473 kg)101,800 hg (46,176 kg)105,000 hg (47,627 kg)Debris body capacity11 yds' (8,4 m')10 yds' (14.6 m)000 ruppDoor typeFull radius half moon rear doorFull radius half moon rear doorMechanical IV lut tark shutoffFloat ball primary shutoffFloat ball primary shutoffTank Kash out13.00-gal (4921-1)2,400-gal (3,085-L)Water tark capacity1,300-gal (4921-1)2,400-gal (3,085-L)Water pumpUp to 19.4 gpm @ 3,000 psi (73.4 L/min @ 20,684 kPa)Up to 19.4 gpm @ 3,000 psi (73.4 L/min @ 20,684 kPa)Low water alarm and indicatorsElectronic sensor indicatorsElectronic sensor indicatorsVACUUMVITEMOVITEMOVITEMOUp 2,000 Helix vacuum pump max flowGV(colon (f112 m/min)6,400 cfm (f13.2 m/min)Jurop 2,000 Helix vacuum pump max flowGU (cfm (f13.2 m/min)GB (f13.0 m/min)Jurop 2,000 Helix vacuum pump max flowGU (cfm (f13.2 m/min)GB (f3.4 (m)COUTROLSImstrumentationDigital on FM procesor 7 in screen <td>Width</td> <td>102 in (259 cm)</td> <td>102 in (259 cm)</td> <td>102 in (259 cm)</td> <td>102 in (259 cm)</td>	Width	102 in (259 cm)	102 in (259 cm)	102 in (259 cm)	102 in (259 cm)
TRUCK SPECS VXT600-11 (MACK) VXT600-11 (KENWORTH) VXT600-16 (MACK) VXT600-16 (KENWORTH) Truck model Mack Granite Kenworth T880 Mack Granite Remorth T880 Engine Mack Paccar Mack Granite Remorth T880 Engine model Mack Paccar Mack Granite Remorth T880 Engine model Mack Mack Oranite Mack Granite Remorth T880 Insminission mDrive 13 Speed Allison 6 Speed mDrive 13 Speed 101.00 U (64,77 kg) 05.00 U (7,827 kg) DEBRIS BODY VXT600-11 (MACK AND KENWORTH) VXT600-16 (MACK AND KENWORTH) 05.00 U (7,827 kg) Debris body capacity 11 yds ¹ (8.4 m ³) 10.100 U (64,77 kg) 05.000 U (7,827 kg) Dor type Fult radius half morn rear door Fult radius half morn rear door Fult radius half morn rear door In tank wash out Inside spray wash-out system Inside spray wash-out system Inside spray wash-out system Mechanically full tank shutoff Float tan primary shutoff Inside spray wash-out system Inside spray wash-out system Instar kacapacity full tank shutoff	Height	160 in (406.4 cm)	160 in (406.4 cm)	160 in (406.4 cm)	160 in (406.4 cm)
Tuck modelMack GraniteKenworth T880Mack GraniteKenworth T880EngineMackPaccarMackPaccarEngine modelMP8 505 hp (377 kW)MX-13 510 hp (380 kW)MP8 505 hp (377 kW)MX-13 510 hp (380 kW)TransmissionmDrive 13 SpeedAllison 6 SpeedmDrive 13 SpeedAllison 6 SpeedGWWR68,000 hb (30.844 kg)76,000 hb (34,473 kg)101.800 hb (46,176 kg)105,000 hb (47,627 kg)DEBRIS BODYVXT600-11 (MACK AND KENWORTH)VXT600-16 (MACK AND KENWORTH)Debris body capacity11 yds' (8.4 m²)16 yds' (14.6 m²)Door typeFull radius half moon rear doorFull radius half moon rear doorIn tank wash outInside spray wash-out systemInside spray wash-out systemMechanically full tank shutoffFloat ball primary shutoffFloat ball primary shutoffTank ift type3 stage lift cylinder3 stage lift cylinderWATER TANKVater tank capacity1,300-gal (4921-L)2,400-gal (9,085-L)Water pumpUp to 19.4 gpm @ 3,000 psi (73.4 L/min @ 20,684 kPa)High pressure hose length75 ft (22.8 m)75 ft (22.8 m)75 ft (22.8 m)Low water alarm and indicatorsElectronic sensor indicatorsElectronic sensor indicatorsVACUMCyclonic filtration systemGloba com (181.2 m²/min)Jurop 2,000 Helix vacuum pump max flow6,400 cfm (181.2 m²/min)6,400 cfm (181.2 m²/min)Jurop 2,000 Helix vacuum pump max suction27 inHg (685.8 mmHg)27 inHg (685.8 mmHg)CONTROLSElectronic sensor 7 i	Empty weight	45,000 (20,412 kg)	45,000 (20,412 kg)	TBD	TBD
EngineMackPaccarMackPaccarEngine modelMP8 505 hp (377 kW)MX-13 510 hp (380 kW)MP8 505 hp (377 kW)MX-13 510 hp (380 kW)TransmissionmDrive 13 SpeedAllison 6 SpeedMDrive 13 SpeedAllison 6 SpeedGWR66.000 hp (30.444 kg)76.000 hp (34.473 kg)101,800 hb (46.176 kg)105.000 hb (47.527 kg)DEBRIS BODYVXT600-11 (MACK AND KENWORTH)VXT600-16 (MACK AND KENWORTH)AND KENWORTH)Debris body capacity11 yds' (8.4 m²)16 yds' (14.6 m²)Door typeFull radius half moon rear doorFull radius half moon rear doorFull radius half moon rear doorIn tank wash outInside spray wash-out systemInside spray wash-out systemInside spray wash-out systemMechanically full tank shutoffFloat ball primary shutoffFloat ball primary shutoffStage lift cylinderWater tank capacity1,300-gal (4921-L)2,400-gal (9,085-L)VACOUSVater tank capacity1,940 gg 0.000 psi (73.4 L/min @ 20,684 kPa)Vpt 19.4 gg m @ 3.000 psi (73.4 L/min @ 20,684 kPa)High pressure hose length75 ft (22.8 m)75 ft (22.8 m)Low water alarm and indicatorsElectronic sensor indicatorsElectronic sensor indicatorsVACUMCyclonic filtration systemGydoid ciltration systemGydoid ciltration systemJurop 2,000 Helix vacuum pump max flowGydoid ciltration systemGydoid ciltration systemGydoid ciltration systemJurop 2,000 Helix vacuum pump max flowGydoid ciltration systemGydig ciltration systemSig (88.5 mHg) </td <td>TRUCK SPECS</td> <td>VXT600-11 (MACK)</td> <td>VXT600-11 (KENWORTH)</td> <td>VXT600-16 (MACK)</td> <td>VXT600-16 (KENWORTH)</td>	TRUCK SPECS	VXT600-11 (MACK)	VXT600-11 (KENWORTH)	VXT600-16 (MACK)	VXT600-16 (KENWORTH)
Engine modelMP8 505 hp (377 kW)MX-13 510 hp (380 kW)MP8 505 hp (377 kW)MX-13 510 hp (380 kW)TransmissionmDrive 13 SpeedAllison 6 SpeedMDrive 13 SpeedAllison 6 SpeedGWR68,000 lb (30,844 kg)76,000 lb (34,473 kg)101,800 lb (64,176 kg)105,000 lb (47,627 kg)DEBRIS BODYVXT600-11 (MACK AND KENWORTH)VXT600-16 (MACK AND KENWORTH)Dor typeFull radius half moon rear doorFull radius half moon rear doorIn tank wash outInside spray wash-out systemFull radius half moon rear doorIn tank wash outInside spray wash-out systemFloat ball primary shuoffTank lift type3 stage lift cylinder3 stage lift cylinderTank it type3 stage lift cylinder3 stage lift cylinderWatter tank capacity1,300-gal (4921-L)2,400-gal (9,055-L)Water pumpUp to 19.4 gpm @ 3,000 psl (73.4 L/min @ 20,684 kPa)Up to 19.4 gpm @ 3,000 psl (73.4 L/min @ 20,684 kPa)VeotureIt cylinder2,600 cgm cspra kgYater tank capacity1,500 cgm cspra kg2,600 cgm csgra kgVolonic filtrationCyclonic filtration systemCyclonic filtration systemIt filt filtsWire mesh washableWire mesh washableCyclonic filtrationCyclonic filtration systemCyclonic filtration systemCyclonic filtrationCyclonic filtration systemCyclonic filtration systemJurop 2,000 Helix vacuum pump max utfow6,400 cfm (181.2 m²/min)6,400 cfm (181.2 m²/min)Jurop 2,000 Helix vacuum pump max flow6,400 cfm (181.2 m²/min)	Truck model	Mack Granite	Kenworth T880	Mack Granite	Kenworth T880
TransmissionmDrive 13 SpeedAllison 6 SpeedmDrive 13 SpeedAllison 6 SpeedGWWR68,000 lb (30,844 kg)76,000 lb (34,473 kg)101,800 lb (46,176 kg)105,000 lb (47,627 kg)DBERIS BODYVXT600-11 (MACK AND KENWORTH)VXT600-16 (MACK AND KENWORTH)Debris body capacity11 yds' (6.4 m)16 yds' (14.6 m)Door typeFull radius half moon rear doorFull radius half moon rear doorIn tank wash outInside spray wash-out systemInside spray wash-out systemMechanically full tank shutoffFlod tall primary shutoffFlod tall primary shutoffTank iftype3 sage lift cylinder3 stage lift cylinderWater tank capacity1,300-gal (4921-L)C4.00-gal (9,085-L)Water tank capacity1,300-gal (4921-L)Q.400-gal (9,085-L)Kater pumpUp to 19.4 gpm @ 3,000 psi (73.4 L/min @ 20,684 kPa)Up to 19.4 gpm @ 3,000 psi (73.4 L/min @ 20,684 kPa)Kater pumpUp to 19.4 gpm @ 3,000 psi (73.4 L/min @ 20,684 kPa)Up to 19.4 gpm @ 3,000 psi (73.4 L/min @ 20,684 kPa)Low water alarn and indicatorsElectronic sensor indicatorsElectronic sensor indicatorsJurog 2,000 Helix vacuum pump max flowGVclonic filtration systemGVclonic filtration systemCyclonic filtrationGyclonic filtration systemGyclonic filtration systemJurog 2,000 Helix vacuum pump max flowGA00 cfr (18.2 m³/min)GA00 cfr (18.2 m³/min)Jurog 2,000 Helix vacuum pump max flowGigtal on FFw processor 7 in screenBotomSigtal on FFW processor 7 in screenSigtal on FM processor 7 in scree	Engine	Mack	Paccar	Mack	Paccar
GWWR 88,000 b (30,844 kg) 76,000 b (34,473 kg) 101.800 b (46,176 kg) 105,000 b (47,627 kg) DEBRIS BODY VXTG00-11 (MACK AND KENWORTH) VXTG00-16 (MACK AND KENWORTH) Debris body capacity 11 yds' (84 m?) 16 yds' (14 6 m?) Door type Full radius half moon rear door Full radius half moon rear door In tank wash out Inside spray wash-out system Inside spray wash-out system Mechanically full tank shutoff Float ball primary shutoff Float ball primary shutoff Tank lift type 3 stage lift cylinder 3 stage lift cylinder Water tank capacity 1,300-gal (4921-L) 2,400-gal (9,085-L) Water pump Up to 19.4 gpm @ 3,000 psi (73.4 L/min @ 20,684 kPa) Up to 19.4 gpm @ 3,000 psi (73.4 L/min @ 20,684 kPa) High pressure hose length 75 ft (22.8 m) 75 ft (22.8 m) Cyclonic filtration Cyclonic filtration system Geletoronic sensor indicators Jurop 2,000 Helix vacuum pump max flow 6,400 cfm (181.2 m³/min) 6,400 cfm (181.2 m³/min) Jurop 2,000 Helix vacuum pump max flow Gydon cfm (181.2 m³/min) Geletoronic sensor 7 in screen BODM Instrumentation Digital on FM proces	Engine model	MP8 505 hp (377 kW)	MX-13 510 hp (380 kW)	MP8 505 hp (377 kW)	MX-13 510 hp (380 kW)
DEBRIS BODYVXT600-11 (MACK AND KENWORTH)VXT600-16 (MACK AND KENWORTH)Debris body capacity11 yds' (8.4 m²)16 yds' (14.6 m²)Door typeFull radius half moon rear doorFull radius half moon rear doorIn tank wash outInside spray wash-out systemInside spray wash-out systemMechanically full tank shutoffFloat ball primary shutoffFloat ball primary shutoffTank lift type3 stage lift cylinder3 stage lift cylinderWATER TANK1,300-gal (4921-L)2,400-gal (9,085-L)Water tank capacity1,300-gal (4921-L)2,400-gal (9,085-L)Water pumpUp to 19.4 gpm @ 3,000 psi (73.4 L/min @ 20,684 kPa)Up to 19.4 gpm @ 3,000 psi (73.4 L/min @ 20,684 kPa)High pressure hose length75 ft (22.8 m)75 ft (22.8 m)Cover the search of the trans washableWire mesh washableStage lift cylinderVACUUMUp to 19.4 gpm @ 3,000 psi (73.4 L/min @ 20,684 kPa)Wire mesh washableCyclonic filtrationCyclonic filtration systemGyclonic filtration systemJurop 2,000 Helix vacuum pump max suctor27 inHg (685.8 mmHg)24 m/min)Jurop 2,000 Helix vacuum pump max suctor27 inHg (685.8 mmHg)27 inHg (685.8 mmHg)Dotor LourEEEReach21 ft (6.4 m)26.3 ft (8.0 m)Hose Diameter8 in (3.14 cm)8 in (3.14 cm)Hose Diameter8 in (3.14 cm)8 in (3.14 cm)	Transmission	mDrive 13 Speed	Allison 6 Speed	mDrive 13 Speed	Allison 6 Speed
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Mechanically full tank shutoffFloat ball primary shutoffFloat ball primary shutoffTank lift type3 stage lift cylinder3 stage lift cylinderWATER TANKWater tank capacity1,300-gal (4921-L)2,400-gal (9,085-L)Water pumpUp to 19.4 gpm @ 3,000 psi (73.4 L/min @ 20,684 kPa)Up to 19.4 gpm @ 3,000 psi (73.4 L/min @ 20,684 kPa)High pressure hose length75 ft (22.8 m)75 ft (22.8 m)Low water alarm and indicatorsElectronic sensor indicatorsElectronic sensor indicatorsVACUUMVire mesh washableWire mesh washableCyclonic filtrationCyclonic filtration systemCyclonic filtration systemJurop 2,000 Helix vacuum pump max flow6,400 cfm (181.2 m³/min)6,400 cfm (181.2 m³/min)Jurop 2,000 Helix vacuum pump max suction27 inHg (685.8 mmHg)27 inHg (685.8 mmHg)CONTROLSInstrumentationDigital on IFM processor 7 in screenBOOMReach21 ft (6.4 m)26.3 ft (8.0 m)Hose Diameter8 in (3.14 cm)8 in (3.14 cm)Novement280 degree rotation280 degree rotation	Door type	Full radius half moon rear door		Full radius half moon rear door	
Tank lift type3 stage lift cylinder3 stage lift cylinderWATER TANKWater tank capacity1,300-gal (4921-L)2,400-gal (9,085-L)Water pumpUp to 19.4 gpm @ 3,000 psi (73.4 L/min @ 20,684 kPa)Up to 19.4 gpm @ 3,000 psi (73.4 L/min @ 20,684 kPa)High pressure hose length75 ft (22.8 m)75 ft (22.8 m)Low water alarm and indicatorsElectronic sensor indicatorsElectronic sensor indicatorsVACUUMVacuumWire mesh washableWire mesh washableCyclonic filtrationCyclonic filtration systemCyclonic filtration systemJurop 2,000 Helix vacuum pump max flow6,400 cfm (181.2 m³/min)6,400 cfm (181.2 m³/min)Jurop 2,000 Helix vacuum pump max suution27 inHg (685.8 mmHg)27 inHg (685.8 mmHg)CONTROLSReach21 ft (6.4 m)26.3 ft (8.0 m)Hose Diameter8 in (3.14 cm)8 in (3.14 cm)As function280 degree rotation280 degree rotation	In tank wash out	Inside spray wash-out system		Inside spray wash-out system	
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Water tank capacity1,300-gal (4921-L)2,400-gal (9,085-L)Water pumpUp to 19.4 gpm @ 3,000 psi (73.4 L/min @ 20,684 kPa)Up to 19.4 gpm @ 3,000 psi (73.4 L/min @ 20,684 kPa)High pressure hose length75 ft (22.8 m)75 ft (22.8 m)Low water alarm and indicatorsElectronic sensor indicatorsElectronic sensor indicatorsVACUUMYire mesh washableWire mesh washableVacion filtrationGyclonic filtration systemCyclonic filtration systemOglon filtrationGyclonic filtration systemCyclonic filtration systemJurop 2,000 Helix vacuum pump max suctio27 inHg (685.8 mmHg)27 inHg (685.8 mmHg)Jurop 2,000 Helix vacuum pump max suctioDigital on IFM processor 7 in screenDigital on IFM processor 7 in screenBoOMEEEReach21 ft (6.4 m)26.3 ft (8.0 m)8 in (3.14 cm)Hose Diameter8 in (3.14 cm)8 in (3.14 cm)8 in (3.14 cm)Rovement280 degree rotation280 degree rotation280 degree rotation	Tank lift type	3 stage lift cylinder		3 stage lift cylinder	
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VACUUMAir filtersWire mesh washableWire mesh washableCyclonic filtrationCyclonic filtration systemCyclonic filtration systemCyclonic filtrationCyclonic filtration systemCyclonic filtration systemJurop 2,000 Helix vacuum pump max flow6,400 cfm (181.2 m³/min)6,400 cfm (181.2 m³/min)Jurop 2,000 Helix vacuum pump max suction27 inHg (685.8 mmHg)27 inHg (685.8 mmHg)Jurop 2,000 Helix vacuum pump max suction27 inHg (685.8 mmHg)27 inHg (685.8 mmHg)Digital on IFM processor 7 in screenDigital on IFM processor 7 in screenBOOMReach21 ft (6.4 m)26.3 ft (8.0 m)Hose Diameter8 in (3.14 cm)8 in (3.14 cm)Reach280 degree rotation280 degree rotation	High pressure hose length	75 ft (22.8 m)		75 ft (22.8 m)	
Air filtersWire mesh washableWire mesh washableCyclonic filtrationCyclonic filtration systemCyclonic filtration systemJurop 2,000 Helix vacuum pump max flow6,400 cfm (181.2 m³/min)6,400 cfm (181.2 m³/min)Jurop 2,000 Helix vacuum pump max suction27 inHg (685.8 mmHg)27 inHg (685.8 mmHg)CONTROLSInstrumentationDigital on IFM processor 7 in screenDigital on IFM processor 7 in screenBOOMEach21 ft (6.4 m)26.3 ft (8.0 m)Hose Diameter8 in (3.14 cm)8 in (3.14 cm)Reach280 degree rotation280 degree rotation	Low water alarm and indicators	Electronic sensor indicators		Electronic sensor indicators	
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Jurop 2,000 Helix vacuum pump max suction27 inHg (685.8 mmHg)27 inHg (685.8 mmHg)CONTROLSInstrumentationDigital on IFM processor 7 in screenDigital on IFM processor 7 in screenBOOMReach21 ft (6.4 m)26.3 ft (8.0 m)Hose Diameter8 in (3.14 cm)8 in (3.14 cm)Novement280 degree rotation280 degree rotation	Cyclonic filtration	Cyclonic filtration system		Cyclonic filtration system	
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Reach 21 ft (6.4 m) 26.3 ft (8.0 m) Hose Diameter 8 in (3.14 cm) 8 in (3.14 cm) Movement 280 degree rotation 280 degree rotation	Instrumentation	Digital on IFM processor 7 in screen		Digital on IFM processor 7 in screen	
Hose Diameter8 in (3.14 cm)8 in (3.14 cm)Movement280 degree rotation280 degree rotation	BOOM				
Movement 280 degree rotation 280 degree rotation	Reach	21 ft (6.4 m)		26.3 ft (8.0 m)	
	Hose Diameter	8 in (3.14 cm)		8 in (3.14 cm)	
Remote Control IFM wireless IFM wireless	Movement	280 degr	ee rotation	280 degree rotation	
	Remote Control	IFM v	vireless	IFM wireless	

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