

# LP SDT VACUUM EXCAVATOR



**CV5 (CYCLONE 4-WAY VALVE SILENCER) FILTRATION SYSTEM.** .5-micron filtration. The CV5 filter housing also contains the 4-way valve for reverse pressure and an oversized silencer for quiet operation. The silencer is located inside the 28-in (71-cm) diameter cyclone.



**I BEAM TRAILER.** Units are built from start to finish at our factory, including the trailer which consists of a sturdy I beam construction.



**SIDE HOSE AND TOOLING (SHT) STORAGE (OPTION).** The new SHT package allows for 60 ft (18 m) of suction hose storage on a trailer-mounted unit. This doubles the traditional 30-ft (9-m) hose storage on all other brands.



**STRONG ARM (OPTION).** With 270-degree rotation, the strong arm supports the weight of the vacuum hose, and the roller head makes handling efficient by allowing smooth, fluid movements and adjustments.



**HYDRAULIC BOOM (OPTION).** The hydraulic boom offers a 6-way function, wireless remote with vacuum valve operation, 330-degree rotation, remote water jet for ease of cleanout, and a 5-in (13-cm) hose with quick connect to 4-in (10-cm) tooling.



**FLOWMASTER (OPTION).** The FlowMaster option can be used to hydraulically exercise water valves and hydrants, making sure they will work properly in times of need.

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DIMENSIONS - SKID	573	573 HEAVY	873	873 HEAVY	1273
Length	N/A	N/A	N/A	229 in (582 cm)	N/A
Width	N/A	N/A	N/A	99 in (251.8 cm)	N/A
Height	N/A	N/A	N/A	82 in (208.3 cm)	N/A
Empty weight	N/A	N/A	N/A	6,400 lb (2,903 kg)	N/A
DIMENSIONS - TRAILER					
Length	231 in (586.7 cm)	231 in (586.7 cm)	268.8 in (682.8 cm)	268.8 in (682.8 cm)	265 in (673 cm)
Width	92 in (234 cm)	97 in (246 cm)	92 in (234 cm)	102 in (259 cm)	102 in (259 cm)
Height	95 in (241 cm)	95 in (241 cm)	95 in (241 cm)	95 in (241 cm)	122 in (282 cm)
Empty weight	6,700 lb (3,039 kg)	6,700 lb (3,039 kg)	7,800 lb (3,538 kg)	8,000 lb (3,629 kg)	9,800 lb (3,334 kg)
GVWR	9,995 lb (4,533 kg) / 12,000 lb (5,443 kg)	14,000 lb (6,350 kg)	14,000 lb (6,350 kg)	20,000 lb (9,072 kg)	24,000 lb (10,886.2 kg)
Trailer axles	(2) 7,000 lb (3,175 kg)	(2) 7,000 lb (3,175 kg)	(2) 7,000 lb (3,175 kg)	(2) 10,000 lb (4,536 kg)	(2) 12,000 lb (5,443 kg)
ENGINE					
Make and model	Yanmar diesel Tier 4 Final	Yanmar diesel Tier 4 Final	Yanmar diesel Tier 4 Final	Yanmar diesel Tier 4 Final	Yanmar diesel Tier 4 Final
Horsepower	49 hp (36.5 kW)	49 hp (36.5 kW)	49 hp (36.5 kW)	49 hp (36.5 kW)	49 hp (36.5 kW)
Fuel tank capacity	30 gal (114 L)	30 gal (114 L)	30 gal (114 L)	30 gal (114 L)	30 gal (114 L)
Enclosure	Yes	Yes	Yes	Yes	Yes
WATER TANK					
Water tank capacity	200 gal (757 L)	300 gal (1,136 L)	200 gal (757 L)	400 gal (1,515 L)	400 gal (1,515 L)
Number of tanks	2	2	2	2	2
High pressure pump flow rate	4 gpm (15.1 L/min)	4 gpm (15.1 L/min)	4 gpm (15.1 L/min)	4 gpm (15.1 L/min)	4 gpm (15.1 L/min)
High pressure pump	3,000 psi (206.8 bar)	3,000 psi (206.8 bar)	3,000 psi (206.8 bar)	3,000 psi (206.8 bar)	3,000 psi (206.8 bar)
High pressure hose length	50 ft (15 m)	50 ft (15 m)	50 ft (15 m)	50 ft (15 m)	50 ft (15 m)
Low water shutoff	Electric	Electric	Electric	Electric	Electric
SPOIL TANK					
Spoil tank capacity	500 gal (1,892.7 L)	500 gal (1,892.7 L)	800 gal (3,028.3 L)	800 gal (3,028.3 L)	1,200 gal (4,542.5 L)
Door type	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic
Tank lift type	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic
VACUUM					
Type of filters	.5 micron	.5 micron	.5 micron	.5 micron	.5 micron
Hose length	30 ft (9 m)	30 ft (9 m)	30 ft (9 m)	30 ft (9 m)	30 ft (9 m)
Hose width	4 in (10 cm)	4 in (10 cm)	4 in (10 cm)	4 in (10 cm)	4 in (10 cm)
Vacuum	1,000 cfm (1,699 m <sup>3</sup> /hr)	1,000 cfm (1,699 m <sup>3</sup> /hr)	1,000 cfm (1,699 m <sup>3</sup> /hr)	1,000 cfm (1,699 m <sup>3</sup> /hr)	1,000 cfm (1,699 m <sup>3</sup> /hr)
Vacuum blower type	PD blower	PD blower	PD blower	PD blower	PD blower
Vacuum mercury	16 in hg (.6 bar)	16 in hg (.6 bar)	16 in hg (.6 bar)	16 in hg (.6 bar)	16 in hg (.6 bar)
CONTROL PANEL					
Controls	Curbside	Curbside	Curbside	Curbside	Curbside
Gauges	Analog and digital	Analog and digital	Analog and digital	Analog and digital	Analog and digital
OPTIONS					

- 6-way hydraulic boom with wireless remote
- Strong arm
- Recirculation kit
- FlowMaster
- SHT package
- Hydraulic jack

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