

AIR SDT VACUUM EXCAVATOR



CVS (CYCLONE 4-WAY VALVE SILENCER) FILTRATION SYSTEM. .5-micron filtration. The CVS 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.



REMOTE DEBRIS TANK. Remote Debris Tank collects the dry material which can then be positioned back over the hole and the dry soil can be put back into place with minimal disruption to the environment - Patented.



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.



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

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| DIMENSIONS - TRAILER | 573 | 873 |
|---|---|--------------------------------------|
| Length | 231 in (586.7 cm) | 268.8 in (682.8 cm) |
| Width | 92 in (234 cm) | 92 in (234 cm) |
| Height | 95 in (241 cm) | 95 in (241 cm) |
| Empty weight | 7,000 lb (3,175 kg) | 8,200 lb (3,719 kg) |
| GVWR | 12,000 lb (5,443 kg) | 14,000 lb (6,350 kg) |
| Trailer axles | Tandem | Tandem |
| ENGINE | | |
| Make and model | Kohler diesel Tier 4 Final | Kohler diesel Tier 4 Final |
| Horsepower | 74 hp (55 kW) | 74 hp (55 kW) |
| Fuel tank capacity | 30 gal (114 L) | 30 gal (114 L) |
| Enclosure | Yes | Yes |
| WATER TANK | | |
| Water tank capacity | 200 gal (757 L) | 200 gal (757 L) |
| Number of tanks | 2 | 2 |
| High pressure pump flow rate | 4 gpm (15.1 L/min) | 4 gpm (15.1 L/min) |
| High pressure pump | 3,000 psi (207 bar) | 3,000 psi (207 bar) |
| High pressure hose length | 50 ft (15 m) | 50 ft (15 m) |
| Low water shutoff | Electric | Electric |
| SPOIL TANK | | |
| Spoil tank capacity | 500 gal (1,892.7 L) | 800 gal (3,028.3 L) |
| Door type | Hydraulic | Hydraulic |
| Tank lift type | Hydraulic | Hydraulic |
| VACUUM | | |
| Type of filters | .5 micron | .5 micron |
| Hose length | 30 ft (9 m) | 30 ft (9 m) |
| Hose width | 4 in (10 cm) | 4 in (10 cm) |
| Vacuum | 1,000 cfm (1,699 m ³ /hr) | 1,000 cfm (1,699 m ³ /hr) |
| Vacuum blower type | PD blower | PD blower |
| Vacuum mercury | 16 in hg (.6 bar) | 16 in hg (.6 bar) |
| AIR COMPRESSOR | | |
| Air flow | 185 cfm | 185 cfm |
| Air pressure | 160 psi (11 bar) | 160 psi (11 bar) |
| Air hose length | 50 ft (15 m) | 50 ft (15 m) |
| Air hose size | 1 in (3 cm) | 1 in (3 cm) |
| CONTROL PANEL | | |
| Controls | Curbside | Curbside |
| Gauges | Digital | Digital |
| OPTIONS (FOR ALL) | | |
| <ul style="list-style-type: none"> • Strong arm • 6-way hydraulic boom with wireless remote | <ul style="list-style-type: none"> • Side hose and tooling storage system (SHT) • Remote debris tank • Recirculation kit | |

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