



Europe

Performance Proven Vacuum Solutions

HDD Series Vacuum Excavators

HDD 650 - HDD 1450 - HDD 2000

The HDD vacuum excavators are manufactured in the USA by Vector and imported to the UK by Vector Europe. We have a very close relationship with the factory, and no two machines are the same, working with the customer to create the optimum machine for each application.. as no two jobs are ever the same. Whether you want a big engine and blower, but small tank, as your going to pull material a long distance but are using an interceptor. Or perhaps you don't need the big power but require an over-sized tank, we custom build and price every machine. The HDD series has a huge advantage over the larger, clumsier "suction excavators" in that they're moved easier between sites, they take up less room once on site and can tip tidier in to a skip. Because they work off a maximum sized hose of 6" it also means that a boom isn't a necessity, so you can work with pipe up to 300m away from the unit, with RF or cable control options available. Booms are however an option. Depending on ground conditions the HDD series can excavate up to 25m of slip trenching to a depth of 1m, or 15 bore holes 150mm in diameter to 1.2m a day.

High Pressure Water System

- Triplex water system with 15m of 3/8" high-pressure hose on heavy-duty locking reel, unloader valves, and safety devices
- Pump rating of 18ltr/minute at 4,000 psi, adjustable without tools
- 500 - 1000ltr HDPE water tank, fitted with a 450mm diameter removable port to permit inspection and access into the tank
- Low water level shutdown
- Cold weather package

Other

- Water tool package consisting of turbo nozzle and cleanup tool.
- Vacuum package consisting of PVC vacuum tool, street cleaner, and 15m of abrasion resistant hose for 75mm, 100mm and 125mm inlets.
- Large amber warning beacon
- System is acid etched before priming with epoxy primer and painted with weather resistant polyurethane paint color of your choice.
- Fire Extinguisher
- Emergency stop switch



Power Unit

- Fully enclosed Power Module for safety, environmental and vandal protection with sound attenuation foam
- Positive displacement Vector rotary lobe blower ranging between 650 and 2000cfm with 28" HG
- 35 – 235hp John Deere, Kubota charged diesel engine with water, oil and temperature shutdowns, electric throttle
- 225ltr fuel tank
- Quick, easy and safe access to service points including external drains and fill points
- Superior washable, filtration system (no tools required) Cartridge filter for blower protection.
- Standard oversized discharge silencer for quiet operation, with varied sound attenuation packages available

Spoils Tank

- 1000 – 3200ltr tank with hydraulic dump/door hoist and remote pendant with 55° dump angle
- Oversized dual acting scissor-lift hydraulic dump hoist rated at 6800kg with 400mm stroke and 50mm rod and a 36-month warranty
- Water and airtight sealing Quick Dump™ vacuum tail-gate with full open door & no internal mechanisms to bind or jam
- Cyclonic material entry for enhanced material control and extended filter life
- Use either 75mm(3"), 100mm(4") or 125mm(5") pipe diameters
- Klean Slick™ tank lining
- Large stainless steel ball automatic liquid level shut-off
- 150mm liquid discharge brass dump valve -Two oversized sight glasses for "full" and "½ full" viewing

Optional

- Skid mounted for 3.5 or 7.5t trucks
- Options for CompAir compressor on 7.5t trucks, C42/C50/C76 etc
- Air-Spades and Soil Picks available
- Inline interceptors
- Swiveling turret booms
- Alternatively mounted on our custom made heavy duty twin axle UK spec trailer



Model	HDD650	HDD1450	HDD2000 MEGA	Custom
Engine (hp)	35	66	100	35-235
Air Flow (cfm)	Roots 650	Roots 1450	Roots 2000	Roots 650-2000
Vacuum (hg)	16	16	16	0-28
Tank Size	750L (200gallon)	1000L (300gallon)	2900L (500gallon)	750L - 1900L
Weight (dry)	1275kg	CALL	CALL	CALL
Water Jet (psi)	4000	4000	4000	1500-4000
Compressor	Y 7.5t	Y 7.5t	Y 7.5t	Y
3.5t Truck (M)	Y	N	N	Y
7.5t Truck (S)	Y	Y	Y	Y
Trailer (T)	Y	Y	N	Y



Based in the South West of England, Vector Europe are the European dealership for Vector Vacuums USA. Vector Europe are a division of adp Group Ltd, as a group we're widely known as one of the UK's leading providers of vacuum excavation and safe digging solutions. Not only do we supply machines, we also provide a full back-up service/after sales support, including full or partial service packages and nationwide service support, provided by our fully qualified and factory trained team of engineers. Because not everybody wants to buy machinery we also offer long and short term hire as well as a fully operated nationwide contracting service.

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