

BTV6-2



Allvac® AV850 Hydro Excavator on Tandem Trailer



Hoist



50% Vacuum



850L Spoil,
500L Water

Allvac® AV850 Full Door Hydro Excavator on Tandem Trailer



Hydro excavation technology is the new choice for easy digging near underground services. Hydro excavation - also known as hydro digging, vacuum trenching or vacuum excavation - allows for safe digging around sensitive services such as piping, cabling and foundations.

This hydro unit uses a combination of water blaster and a industrial vacuum unit to loosen and remove soil and debris, to safely dig with out cutting or impacting services hidden in the ground.

Non-destructive hydro excavation is extremely safe and productive for many uses including:

- Underground utility services
- Live gas pipe and power cable
- Water and sewer pipe
- Fibre optic cables
- Pot-holing
- Slot trenching
- Street sign pole holes
- ... and much more





Allvac® AV850 Full Door Hydro Excavator on Tandem Trailer

Pot-holing and locating buried underground services has never been easier. Tow the Allvac® AV850 to site in the comfort of a 3.5-tonne ute on a heavy duty, low COG 3.5-tonne skeleton trailer and get into action, fast!

The Allvac® AV850 offers operators a very cost-effective hydro excavation option to locate and expose underground utilities with non-destructive digging. This unit comes mounted on one of our purpose built 3,500kg trailers which allows it to be towed with a ute that has 3,500kg towing capabilities.



Also available as a skid mount, it can be lifted on and off a truck with its forklift slots. With the spoil tank mounted horizontally and tipping hydraulically, it gives the unit a very low centre of gravity when travelling loaded. This negates the significant hazard of loaded trailers tipping if they are designed with permanently tilting tanks.

Further health and safety considerations have been made in being able to open the rear door whilst the tank is horizontal, then move away from the tipping area and activate the tank hoist on a corded controller.

Allvac® AV850 Full Door Hydro Excavator on Tandem Trailer



Combination digging
wand for pot-holing

Tipping tank, enables a
low COG for towing safety
and easy dumping

Water blaster reel & wand

Only 3.5-tonne - tow
with class 1 license!

Equipped to get set up for work
quickly with easy access hose trays



Allvac® AV850 Full Door Hydro Excavator on Tandem Trailer



The Allvac® AV850 full door hydro excavator provides a safe and efficient method over conventional excavation in order to locate and expose underground utilities with non-destructive digging.

Vacuum is running 550CFM blower, providing a highly efficient digging speed for a variety of soil types making it a top performer in its class.

The combination double jet digging wand allows a single operator to pothole with the wand combining the suction wand and two water blaster jets incorporated to dig a 165mm diameter hole.

Mounted on a custom built trailer or supplied as a skid mount, it can be easily transported around.



*No damage to underground services.
No mess. Safe and efficient.*





SPECIFICATIONS

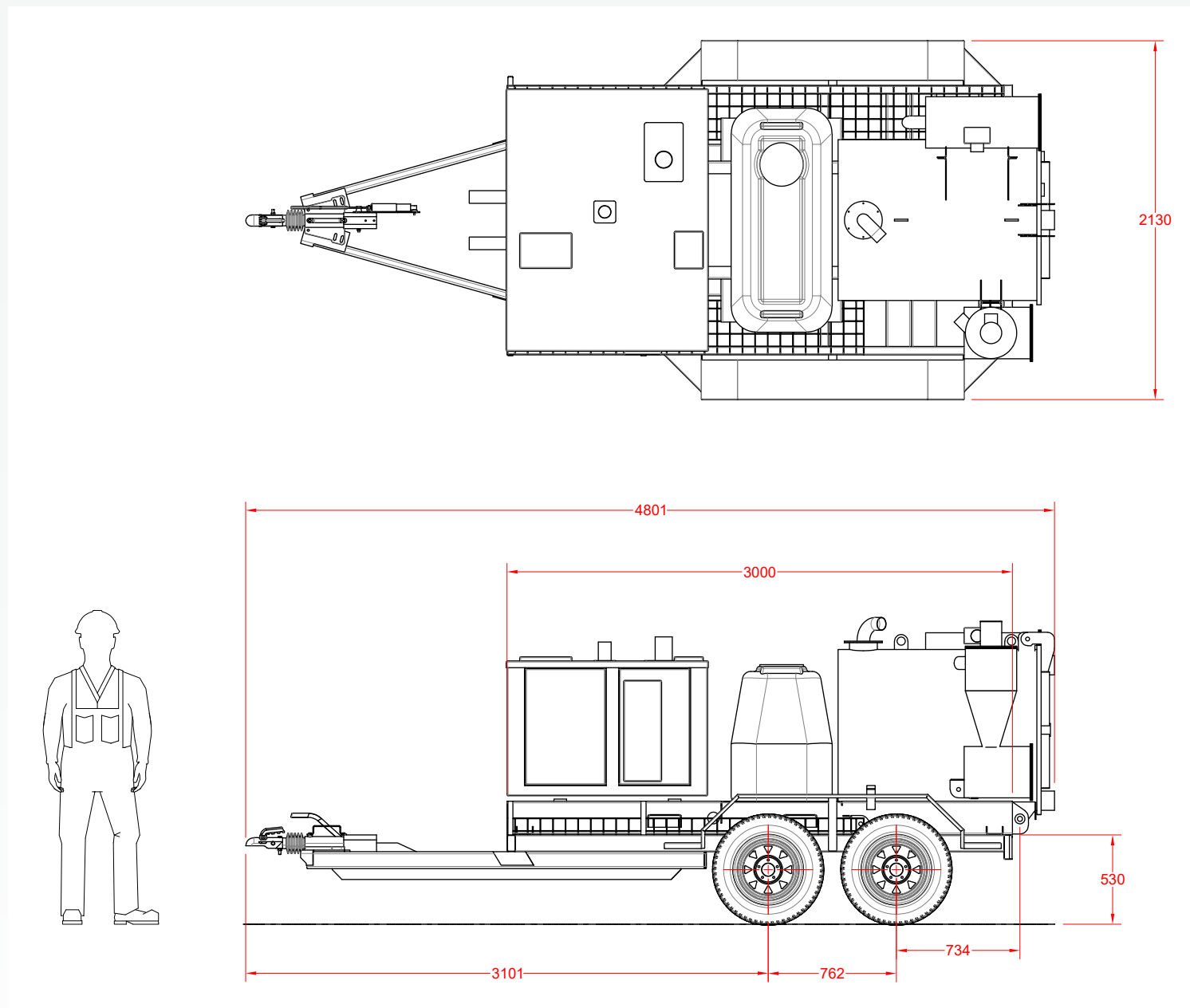


| Vacuum Specifications | |
|--------------------------------------|---|
| TANK DETAILS: | |
| Model | AV850 |
| Spoil tank capacity | 850 litre |
| Tank spec: | Steel |
| Rear Door | ManWay |
| Discharge | Tipping hoist w/ full opening rear door |
| Class | 6,9 |
| Operating pressure (PSI) | 0 |
| Hose Standard | 3" diameter hose (318mm Hg 15"Hg) |
| VACUUM PUMP DETAILS: | |
| Manufacture | Greatech |
| Model | G100V - Blower |
| AIR FLOW: m3/hr | 935 |
| AIR FLOW: L/min | 15575 |
| AIR FLOW: cfm | 550 |
| Driveline | 34.9 Hp Kohler KDW1404 Diesel Engine |
| Water capacity | 500 litre |
| Water pump / pressure | 3500psi @ 15Lpm |
| Retractable Hose Reel | 15m |
| Trailer | |
| GVM | 3500kg |
| TARE: | |
| Trailer only | 700kg |
| Total combined (Trailer & Unit) | 1900kg |
| Total combined fully loaded w/ water | 3200kg approx |
| Total length | 4873mm |

| | |
|----------------------|---------------------|
| Trailer cont. | |
| TrayRH | 2940L X 355W mm |
| Tray length LH | 2105L X 355W mm |
| Width | 2130mm |
| Tow bar height | 506mm |
| Brakes: | 3500 kg EURO-BRAKES |
| Accessories: | Jockey stand |
| Specifications | Tandem |



DIAGRAM





OUR ECOSYSTEM OF SUPPORT



TURNKEY BUILD

A turnkey design and build means we take total responsibility for all elements of a unique build.

From order through to delivering a fit for purpose specialist truck that immediately gets to work in your business. This process involves many years' experience in weight ratios, stability certification, compliance and actual hands-on knowledge of how these specialist trucks are used in the field and the ergonomics involved in a build. As approved distributors for the world leading global brands, we source specialist units direct from the factory and build onto NZ chassis' with all elements of the build being conducted from our own skilled inhouse resources.



HIRE OR RENTAL

Waimea Group realise the challenges our customers face.

In fluctuating workloads and short-term contracts being awarded, the core need of every project demanding specialist trucks and equipment still exists. Our hire fleet makes available on-demand basis ensuring you have the resource to scale up or down for workload without creating fixed overhead cost to your business. Our hire units are ideal testing ground to 'try before you buy' and ensure that you have had actual experience with equipment before making a significant capital investment.



LEASE

Fleet leasing is a well-established way of operating a vehicle fleet

Whether you're a small contractor or larger organisation, leasing rather than buying assets outright enables you to expand your fleet without significantly affecting cash flow or compromising on the specification of the vehicle.



MAINTENANCE

Our 365 Performance Plan is a key pillar in our vision of the utility industry operating with zero vehicle downtime.

The 365 Performance Plan is based around what is preventative versus corrective maintenance. The elimination of unplanned downtime and long-term reliability can only come from advanced planning, trained service technicians, availability of parts and first-call fix rates. Our customer service team takes direct responsibility for these factors so you can rely on us for vehicle productivity right through its lifecycle.



REBUILD & REFURB

We recognise that not all operators want to purchase new and a key part of getting the best out of a used asset is refurbishment.

Our dedicated service team have years of experience in undertaking refurbishments of specialist units. Through our inhouse expertise including our people, skills, equipment and spare parts stock we can bring used equipment up to a compliant and certified standard that enables them to deliver continued performance for the next stage of their life.



APPROVED USED

Our hire fleet made available for purchase as 'approved used'

This creates opportunities for those with commercial budgets or contracts that can't attain to new build investments. With over 120 specialist trucks across our rental fleet, we'll have a specification and budget to match your business.

GET IN TOUCH

WAIMEA.CO.NZ | 0800 60 60 61

CONTACT DETAILS



Maska Lewis
SPECIALIST VEHICLE CONSULTANT
- UNDERGROUND UTILITIES

✉ maska.lewis@waimea.co.nz
☎ +64 21 228 3465

WAIMEA
GROUP
SPECIALIST UTILITY VEHICLES

ZERO VEHICLE DOWNTIME | WAIMEA.CO.NZ | 0800 60 60 61

