



# SMART DIG

HYDRO EXCAVATORS & VACUUM LOADING SYSTEMS

## HXW6000

### Specifications



# Smart Dig HXW6000

## Specifications

- **Whisper Enclosure** – Base built enclosure incorporating engine, blower, filter unit, silencer and storage area. lockable doors fitted to allow access both sides. Enclosure has been specifically designed for optimum sound reduction, making these units the quietest in the market.
- **Engine** – Caterpillar C4.4 ACERT
- **Blower** – Roots, 2200 cfm @ 2200 RPM
- **Engine/Blower Frame Mount** – Full rigid sub frame, 4-point mounted to the chassis using directional rubber mountings give low vibration and noise.
- **Blower Exhaust/Silencer** – The silencer has been designed to absorb and reduce expelled noise.
- **Debris Tank** – 6 cubic meter capacity – full door shield/shirt for liquid containment when opening the door. Vacuum tested to 20 inHg (tested to over 1.5 times set operating vacuum)
- **Water Tanks** – 6 side mounted tanks with combined capacity of 2.6 cubic meters of water. Fill method via 3" Camlock (standpipe) or hose. Tanks are fully vented and access points for inspection.
- **Water Blast Pump #1 Engine Driven** – UDOR GD/8.5 – 32 liters/min @ 3000 psi
- **Water Blast Pump #2 Hydraulic Driven** – UDOR GD/8.5-32 liters/min @ 3000 psi.
- **Water Filters** – Inline stainless-steel strainer + 2 x 50-micron cartridge element filters.
- **Hose Reels** – 2 x Hannay Retractable hose reel with 12m of 3/8" high pressure hose attached. 1x mid mounted left-hand side and 1x rear mounted left-hand side.
- **Hydraulic System** – All hydraulic functions are driven from PTO mounted pumps on the CAT engine. This allows the digging process to be carried out without the truck engine running.
- **Door** – Hydraulic lift to 80°. Four-point hydraulic locking, adjustable lock plates to ensure maximum door sealing.
- **Vacuum Filters** – 4 x PTFE pleated filters (washable) housed in a Smart Dig Filter Housing.
- **Boom** – Fully hydraulic 270° rotation, 30° up, 30° down from horizontal, power extendable.
- **Main Dig Hose** – 6" rubber hose with quick clamp fittings.
- 3x Aluminum extension pipes (rack mounted).
- **Suction Hose** – 30 meters of 4" additional hose is stored and carried for extended access for digging.
- **Vacuum Release** – Automatic vacuum release will vent the system during any shutdown command.
- **Main Tank Full Auto-Shutoff** – Internal float ball mechanism shuts off vacuum.
- **Tank Full Indicator** – Externally/internally tank mounted for visual notification.
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- **Remote Control** – A multi-function wireless remote allows the operator full control of all boom, door functions and vacuum operation during the working cycle.
- **Accessories included** – Digging wand x 2, Wash down wand x 1, 4" PVC joiner x 2, Water Filters x 2, Quick Clamps x 3, Ali Adaptor x 1, Pressure Gauge x 1, Spare door lock shims x 1 (of each size per lock) and Filter spanner x 1
- Standard exterior unit colour is white with black subframe epoxy primed and urethane top coat

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