



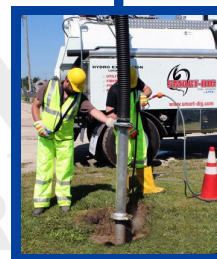
INTRODUCING

**SMART-DIG™**

**HX-4000**

**HYDRO EXCAVATOR**

By **LMT Inc.**



**Dig Smarter.**

 **LMT Inc.**  
Industrial Vacuum Equipment

**Built to Order.  
Built to Last.**

800-545-0174 309-932-3311 Fax 877-471-2564  
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[www.smart-dig.com](http://www.smart-dig.com)



# A MODULAR HYDRO EXCAVATION SOLUTION

The HX-4000 hydro excavator from LMT can be pre-mounted or attached to a chassis of your choice.

Brand new to the North American market, the HX-4000 hydro excavator built by LMT in partnership with SMART-DIG of New Zealand, is designed for both efficiency and ease of use.



Freightliner M2 106 Day Cab with 300 hp Cummins engine and Allison 3000 RDS automatic transmission



- **Engine (Auxiliary)**  
KUBOTA V3600T, 83HP @ 2600 RPM.
- **Blower**  
TUTHILL, 6015 blower, 14" Hg, 1000 CFM @ 1750 RPM
- **Engine / Blower Frame Mount**  
Full rigid sub-frame, 4 point mounted to the chassis using directional rubber mountings give low vibration rubbermountings give low vibration and noise.
- **Blower Exhaust / Silencer**  
The silencer has been designed to absorb /reduce expelled noise to a minimum. Measured at (2) at 6 feet.
- **Debris Tank**  
1200 gallon capacity (6 cu. yd.) tipping to 48°- full door shielded for liquid containment when opening the door. Vacuum tested to 20 inHg. (Tested to over 1.5 times set operating vacuum)
- **Water Tanks**  
4 side mounted rotary molded tanks with combined capacity of 400 of water. Fill method via 3" Camlock (standpipe) or hose. Tanks are fully vented with top access points for inspection.
- **Boom**  
Fully hydraulic - 270° rotation, 25° up 25° down from horizontal. Power extendable to give a 31' working range. Boom end carries 2 mounted work spotlights.
- **Hydraulic System**  
All hydraulics are via the engine driven pump.
- **Main Dig Hose**  
5" rubber hose with over-center clamp-lock fitting.
- **Enclosure**  
Enclosure incorporating engine, blower, filter unit, silencer and storage area. Roller doors fitted to allow access from both sides.
- **Suction Hose**  
30 feet of 4" hose is stored and carried for extended access for digging.
- **Hose Reel**  
Retractable hose reel, with 50' of 3/8" high-pressure hose attached.
- **Water Blast Pump - Engine Driven**  
Engine Driven - UDOR GD7.0/30 7 gallons/Min @ 3000 psi. The pump is driven via an electro-magnetic clutch allowing the pump to be disengaged if required during vacuuming.
- **Water Filters**  
Inline 80g stainless steel strainer + 1 x 50 micron 10" pleated cartridge element filter.
- **Door**  
Hydraulic lift to 90°. Two point auto-hydraulic locking, adjustable lock plates to ensure maximum door sealing. Sight glass to show level of debris / liquid.
- **Vacuum Discharge Filters**  
4 x PTFE coated pleated filters (washable) Full flow at 2200 cfm, housed in a .75 cubic meter pressure drop unit.
- **Vacuum Release**  
Automatic vacuum release vents the system under emergency stop conditions.
- **Main Tank Full Auto-Shutoff**  
Internal stainless steel float ball and seal automatically shuts off vacuum when full preventing debris or liquid carry-over to the filter system.
- **Remote Control**  
A multi function wireless remote allows the operator full control of engine, boom and vacuum operation during the work cycle.
- **Tank Level Indicator**  
Tank side mounted for visual indication of debris tank level.

