



SMART-DIG

HYDRO-EXCAVATORS

**GROUND
BREAKING
TECHNOLOGY**

SMART-DIG.COM





Performance
Reliability
Safety
Speed



“We build a new generation of hydro-excavation technology that enables companies and organisations to lay the foundation for tomorrow’s cities, smarter and faster.”

ABOUT US

Disruption. It’s a costly part of construction projects that causes endless frustration to the councils, governments and companies running them. The hydro-excavation industry has been crying out for new tools that increase uptime and accessibility on the job.

At Smart-Dig, we’re building a new generation of hydro-excavation technology that enables companies and organisations to lay the foundation for tomorrow’s cities, smarter and faster.

Designed by contractors, for contractors, every Smart-Dig unit is the distillation of three decades of continuous hydro-excavation and mechanical engineering experience.

We are continuously looking at every aspect of the technology. From developing Smart-Dig’s unique drop box filter through to our use of efficient auxilliary engines - we challenge conventions and build balanced machines, which dig longer and combine speed, safety and reliability.

Our facility is fully equipped to manufacture many of the specialised components it takes to manufacture ‘Built to Order’ vacuum equipment. Rolling tanks and forming heads in-house allows us to build a wide range of tank lengths and diameters. This ability allows us to dial in the litres/ barrels you want, insuring that it will fit your chassis.

WHY SMART-DIG



BUILT TO LAST
tested machines in the field for more than two years



EASY TO USE
wireless and remote controllable units make the machines safe



DESIGNED BY CONTRACTORS FOR CONTRACTORS
we meet all specific and unique demands



TECHNOLOGY



Drop Box

Conventional hydro-excavators use cyclone filtration systems which are erratic - they only work properly at a constant airflow and are prone to blockages. We engineer the Smart-Dig Drop Box to be a filtration system that works efficiently regardless of variable airflow. This means better suction, better excavation and less downtime.



Auxiliary engine

For optimal economy, Smart-Dig Excavators utilise a dedicated auxiliary engine for the hydro-excavation system. This small but powerful secondary engine will minimise your fuel bill and extend the life of your truck in the long-term.

HX-4000

Smart-Dig's HX-4000 is a world-leading, New Zealand designed and built machine that efficiently and effectively digs smarter, faster and safer. This is our top selling machine.

- Smart-Dig's world-leading Drop-Box Filtration System provides uninterrupted air flow from the blower to the point of digging.
- 28,000L/min blower (1000 cfm)
- Full wireless remote-control function boom
- 13cm boom hose (5")
- 4000L debris tank (1050 gallons)



RANGE



HX-2000

Smart-Dig's HX-2000 is a world-leading, New Zealand designed and built machine that efficiently and effectively digs smarter, faster and safer.

- Smart-Digs world leading Drop Box Filtration System provides uninterrupted air flow from the blower to the point of digging.
- 28,000L/min blower (1000 cfm)
- 2000L debris tank (528 gallons)
- 13cm boom hose (5")
- Telescopic auto locking boom
- Small and agile



HX-6000

Smart-Dig's HX-6000 is a lightweight compact reliable machine. The components used have been specifically chosen to maximise performance and operational life. This, combined with the twin water blaster capability of the HX-6000, gives you significantly improved productivity and reduced operating costs.

- Smart-Dig's world leading Drop-Box Filtration System provides uninterrupted air flow from the blower to the point of digging.
- 85,000L/min blower (3000 cfm)
- Full wireless remote-control function boom
- 15cm boom hose (6")
- 5000L or 6000L debris tank (1320 or 1585 gallons)
- Dual water blasters, which allows two technicians digging in unison



HX-10000

Smart-Dig's HX-10000 is a world leading, New Zealand designed and built machine that efficiently and effectively digs smarter, faster and safer.

- Smart-Dig's world leading Drop-Box Filtration System provides uninterrupted air flow from the blower to the point of digging.
- 85,000L/min blower (3000 cfm)
- Full wireless remote-control function boom
- 15cm boom hose (6")
- 10,000L debris tank (2640 gallons)
- Dual water blasters, which allows two technicians digging in unison



"We chose Smart-Dig because it was a smart looking unit, the size and capabilities are exactly what we were after and it is operating as expected with no troubles. "

CLIENTS & TESTIMONIALS

Taupo Trenching - New Zealand

"Smart-Dig machines are the future of trenching. We are very happy with our HX-6000 – the performance, speed and quality of work is top end. We have just dug up 200m of paddock and safely uncovered 50 service lines so very pleased. It is a big investment but the value is enormous."

Roly Scapens – Taupo Trenching

City Contractors - New Zealand

"We have the HX-4000 – we chose Smart-Dig because it was smart looking unit, the size and capabilities are exactly what we were after and it is operating as expected with no troubles. It's great to have a machine that you don't have to worry about on a daily basis – very reliable"

Mark Bason – City Contractors

Total Plumbing - Australia

"I would like to thank you for a fabulous product, in my eyes money very well spent. This product is so well designed, operates fantastically and is a real head turner."

We have used the unit a few times now, the company we are contracted to saw how well it worked compared to other units we had hired and how well it worked compared to those other contractors were using. They are now looking at giving us more work."

Peter Mais - Total Plumbing






PARTS & SERVICES

Smart-Dig machines are built to order at our production facility in Warkworth, New Zealand. From the Drop Box to the tanks, we engineer, assemble and test every component to ensure you receive a machine that is ready to hit the road and back it up with a one year warranty.

Our facility is fully equipped to fabricate many of the specialised components it takes to manufacture 'Built to Order' vacuum equipment.

Rolling tanks and forming heads in-house allows us to build a wide range of tank lengths and diameters. This ability allows us to dial in the litres/barrels you want, insuring that it will fit your chassis.

Our Services Include:

-  **INSTALLATION OF VACUUM PUMP AND BLOWER**
-  **TESTING OF VACUUM PUMP AND BLOWER**
-  **BUILT TO ORDER GUARANTEE**

CONTACT US



MANUFACTURED IN:
New Zealand
Smart-Dig NZ
24 Morrison Drive
Walkworth 0910

United States
LMT Inc.
Galva, IL, 61434
800-545-0174

SALES:
New Zealand
Smart-Dig NZ
Rob Southey
+64 27 275 4306

United States
LMT Inc.
Galva, IL, 61434
800-545-0174
309-932-3311

Jason Yeggy
708-272-1569

Glenco Equipment
1605 Thraikill Road
Grove City, OH, 43123
614-360-1640

WWW.SMART-DIG.COM



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