



SPECIALISED TOOLS
AND EQUIPMENT

***CIVIL & DRAINAGE
ESSENTIALS***



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HTC has been creating specialised tooling solutions for New Zealand industry for over 40 years.

Specialists in 700 bar hydraulics, HTC offers more than 35 years of experience in the supply and application of high pressure hydraulic equipment. HTC sources and supplies solution-based tools and equipment for electrical contracting, railway, construction, engineering and drainage industries.

With branches in Auckland and Christchurch, HTC offers equipment sales, service, repair, calibration and tool hire.

“We are passionate about making the hard jobs easier for our customers. Call us today to see how we can help with your next project.”

Robb Huskinson
Owner/Director

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24 Hour call out service



Technical Solutions to keep your job running

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Anchor Bolt Testing

Anchor Tester

IMG REF Product Description

- A1 Anchor Bolt Tester 0-10kN & 0-25kN. Includes Eye Bolt Tester
- A2 Range of Hydraulic Hollow rams
- A3 Heavy Duty Tester Kit with built in digital gauge



Flange Equipment

Flange spreader and aligners

IMG REF Product Description

- F1 Hydraulic Fixed Flange Alignment & Rotational Tool: includes 2 x Hydraulic Alignment Tools, Hydraulic Pump, Hose, 1000 Bar Gauge & Ratchet Strop
- F2 Hydraulic Flange Spreader Kit: includes 2 x Hydraulic Spreaders, 2 x Hoses, Hydraulic Pump, 2 x 1000 Bar Gauges, 2 x Step Wedges 2 x Step Chocks



Bolting Tools

IMG REF Product Description

- F3 Powered torque tools 50-50,000Nm +. Hydraulic, pneumatic, battery and manual tools available.



Gas Detection

Gas Detectors

IMG
REF Product Description

G1 A range of equipment available, ask the team for details

G1



Generators

IMG
REF Product Description

G2 Honda industrial and inverter generators – Multiple models available

G2



Hydraulic Rams

Rams

IMG
REF Product Description

H1 Hydraulic rams – 5t – 1000t models available, custom sizes can be made to order

H1



Wedge Rams

IMG
REF Product Description

H2 Wedge-type rams are the perfect tool when you only have the slightest gap. Designed to lift, align or pry apart plant and machinery.

H2



Stressing Jack

IMG
REF Product Description

H3 POWERSTRESS 10T Mono Strand Stressing Jacks (Mono or multi-strand jack)

H3





Hydraulic Tools

Breakers

IMG REF Product Description

H3 Ideal in general demolition works of concrete and asphalt cutting.

H3



Diamond chainsaw

IMG REF Product Description

H4 Lightweight solution for fast cutting of concrete, reinforced concrete, conduit, brick and other masonry.

H4

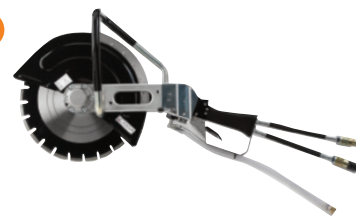


Hydraulic circular saw

IMG REF Product Description

H5 Unbeatable power to weight ratio, versatile usage, no electricity means no possibility of electric shock hazard, absence of emissions, minimal noise vibrations and maintenance, can also be used for professional underwater works.

H5



Riexinger pipe saw

IMG REF Product Description

H6 Powerful. Versatile. Easy to operate with infinitely variable electric feed and thanks to the variable chain clamping system, even thin-walled pipes, such as GRP pipes, are not deformed either when clamping the machine or when sawing.

H6



Pipe compression tool

IMG REF Product Description

H7 Manual Pipe Compressing Tool for 16mm – 63mm Polyethylene Pipe.

H7

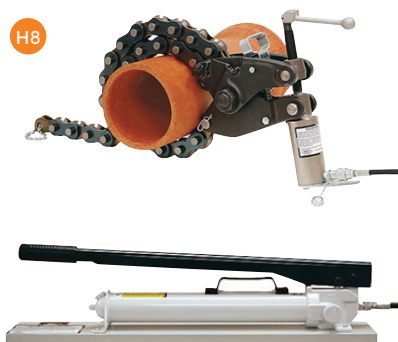


Pipe cutters, squeeze and pop

IMG REF Product Description

H8 Ideal solution for cutting larger diameter Cast Iron, Tile and Concrete Pipe.

H8



Hydraulic Tools

Hydraulic Hammer Drill

IMG REF Product Description

- H9** Safer than electrical tools, this hydraulic drill can be used completely submerged in water or with the operator inside a trench with "feet in water and mud".

H9



Pole Tamper

IMG REF Product Description

- H10** Reliable hydraulic pole tampers, offering durable design, flexible operation, user-friendly controls and efficient compaction.

H10



Hydraulic Pumps

IMG REF Product Description

- H11** Hand operated 700bar hydraulic pumps – Multiple fluid capacity sizes available
- H12** Air operated 700bar hydraulic pumps – Multiple fluid capacity sizes available
- H13** Riken 230v 700bar hydraulic pump units – Single and double acting, custom builds available
- H14** Durapac petrol and diesel operated 700bar hydraulic pumps – Multiple models available
- H15** Petrol and diesel operated low pressure pumps – Multiple models available
- H16** Battery Hydraulic Pump

H11



H12



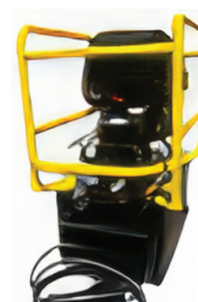
H13



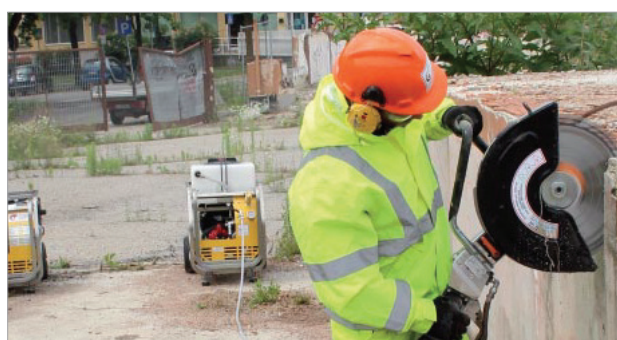
H14



H16



H15



Water/Trash Pumps

IMG
REF

Product Description

H17

Wide range of water/trash pumps available. Small electric units, through to large machine mount hydraulic models.

H17



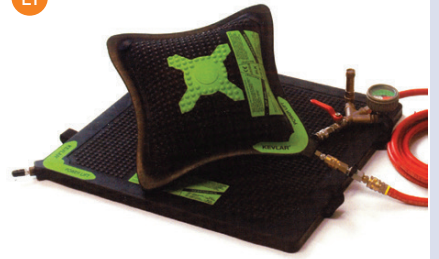
Lift & Shift

Lifting Bags

IMG REF Product Description

L1 Range of air lifting bags and accessories

L1



Chain Blocks

IMG REF Product Description

L4 Elephant manual chain blocks – 3m and 6m standard drop, custom lengths available, capacities 0.5t to 5t available

Model	Capacity (ton)	Lift (m)
C-21-0.5	0.5	3
C-21-1.0	1.0	3
C-21-1.5	1.5	3
C-21-2.0	2.0	3
C-21-3.0	3.0	3

L4



Lever Hoists

IMG REF Product Description

L5 Elephant lever chain hoists – 1.5m drop, custom lengths available, sizes range from 250kg to 6.3t

Model	Capacity (ton)	Lift (m)
Y11-25	0.25	1
YA-50	0.5	1.2
YA-80	0.8	1.5
YA-160	1.6	1.5
YA-320	3.2	1.5
YA-630	6.3	1.5

L5



Electric Hoists

IMG REF Product Description

L6 Range of Wire and Chain Hoists available with capacities up to 3 Tonne

L6



Lift & Shift

Portable Gantries

IMG
REF Product Description

L7 Reid portable gantries – Multiple sizes available, rated to be used with safety harness



Porta Gantry Rapide

IMG
REF Product Description

L8 Unique and innovative PORTAGANTRY RAPIDE is a height adjustable, foldable aluminium gantry designed for rapid deployment. Capable of an impressive load lifting capacity of up to 1000kg. Can be assembled and disassembled by just one person within a minute without the need for any tools.



Lift & Shift

Porta Davit

IMG REF Product Description

- L14** Rapidly deployable, lightweight solution to heavy lifting and lowering of goods. Manually operated by just one person while maintaining a lifting capacity up to 600kg.

L14



T Davit

IMG REF Product Description

- L15** Lightweight, portable, with a lifting capacity of up to 500kg and 360° rotation under a full load.

L15

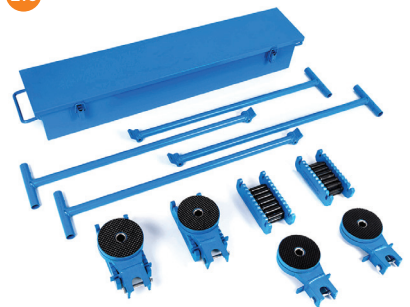


Loadskates

IMG REF Product Description

- L16** Borkey load skates - Multiple kits and individual units available

L16



Manhole Cover Lifters

IMG REF Product Description

- L17** Safely move Manhole covers. Lifting capacity up to 15000Kg.

L17



Pipe and Cable Hauling

Line Blowing Equipment

IMG REF Product Description

- P1 Line blowing equipment - Darts, balloons, birds and accessories available
- P2 Stringing Gun for microducts to suit cable ducts Ø up to 200 mm



P1



P2



Snake rods

IMG REF Product Description

- P3 Fiberglass rod on dispensers - Multiple sizes available, 4-13mm diameter, 60-250m long, with tracer wire built in

P3



Rollers

IMG REF Product Description

- P4 Cable guide rollers - Multiple sizes and models available
- P5 Trench rollers - Multiple sizes and models available
- P6 Universal Stringing rollers - Multiple sizes and models available
- P7 Hanging Rollers

P4



P5



P6



P7



Pipe Connections

Hot tapping gear

IMG REF Product Description

- P8** Hand operated and designed for drilling holes in active water lines up to 250 psi. Lightweight and easy for one operator to set up and use on 3/4" to 2" steel, cast iron, ductile and plastic pipe.



Magnetic Drill

IMG REF Product Description

- P9** Magnetic based drills – 12mm to 100 capacities
P10 Magnetic based drills – Low Height
P11 Automatic Feed Magnetic Drills
P12 Medium Pipe Magnetic drills



Pipe Bending

IMG REF Product Description

- P13** Pipe bender + shoes up to 50mm nominal pipe not including pump & hose.



Pipe Threading

IMG REF Product Description

- P14** Pipe Threading Machines and Roll Grooving Machines are available in many sizes and configurations



Pipe Sealing & Testing

Testing gauges, inflation controllers and Hoses

IMG REF Product Description

- P15** Range of Analogue and Digital Gauges available with capacities to suit equipment in use.



Sealing and Testing Bags

Small diameter plugs

IMG REF Product Description

- P16** Available for sealing and testing, in a variety of lengths and sizes, up to 305mm diameter.



Standard plugs

IMG REF Product Description

- P17** Available for sealing and testing, in a variety of lengths and sizes, up to 1800mm diameter.



Bypass Plugs

IMG REF Product Description

P18 Multi-size plugs with a larger bypass cover the ranges from 100mm up to 1800mm.



PLUGY - BLOCKING PLUGS

PART NUMBER	NOMINAL SIZE	SIZE USAGE RANGE		REQUIRED INFLATION PRESSURE (BAR)	DEFLATED PLUG		PRODUCT WEIGHT (KG)	EYE BOLT	
		MIN. DIA. (MM)	MAX. DIA. (MM)		DIAMETER (MM)	RUBBER LENGTH (MM)		M THREAD	INFLATION VALVE THREAD SIZE
519423	40-70	40	70	2.5	35	160	0.2	NA	R 1/4"
519424	70-150	70	150	2.5	68	300	0.4	NA	R 1/4"
60417	100-200	100	200	2.5	92	500	1.35	M6	R 1/4"
526850	150-200	150	200	2.5	142	350	1.85	M8	R 1/4"
60418	150-300	150	300	2.5	142	540	2.6	M8	R 1/4"
60419	200-400	200	400	2.5	192	600	3.6	M8	R 1/4"
60599	300-525	300	525	2.5	272	630	6.8	M8	R 1/4"
60422	350-600	350	600	2.5	322	830	9.8	M10	R 1/4"
60606	375-750	375	750	2.5	342	1050	11.9	M10	R 1/4"
60453	500-800	500	800	2.5	472	1150	19.5	M10	R 1/4"
60425	500-1000	500	1000	1.5	472	1150	19.5	M10	R 1/4"
523941	600-1200	600	1200	1.5	574	1450	38	M10	2 x R 3/8"
78959	750-1500	750	1500	1	600	2300	75	M10	2 x R 1/4"
535881	800-1800	800	1800	1	600	3000	106	M10	2 x R 1/4"

PLUGSY - BYPASS PLUGS

PART NUMBER	NOMINAL SIZE	SIZE USAGE RANGE		REQUIRED INFLATION PRESSURE (BAR)	DEFLATED PLUG		PRODUCT WEIGHT (KG)	EYE BOLT		BYPASS DIAMETER (FEMALE)
		MIN. DIA. (MM)	MAX. DIA. (MM)		DIAMETER (MM)	RUBBER LENGTH (MM)		M THREAD	INFLATION VALVE THREAD SIZE	
526849	70-150	70	150	2.5	68	300	1.7	NA	R 1/4"	1/2"
60429	100-200	100	200	2.5	92	500	2.7	M6	R 1/4"	1"
526851	150-200	150	200	2.5	142	350	3.3	M8	R 1/4"	1"
60432	150-300	150	300	2.5	142	540	4.3	M8	R 1/4"	1"
60434	200-400	200	400	2.5	192	600	7	M8	R 1/4"	2"
60630	300-525	300	525	2.5	272	630	12	M8	R 1/4"	2"
60440	350-600	350	600	2.5	322	830	16	M10	R 1/4"	2"
60632	375-750	375	750	2.5	342	1050	19.7	M10	R 1/4"	2"
60454	500-800	500	800	2.5	472	1150	32.5	M10	R 1/4"	2"
60442	500-1000	500	1000	1.5	472	1150	32.5	M10	R 1/4"	2"
523942	600-1200	600	1200	1.5	574	1450	55.5	M10	2 x R 3/8"	4"
78960	750-1500	750	1500	1	600	2300	91	M10	2 x R 1/2"	4"
535882	800-1800	800	1800	1	600	3000	117	M10	2 x R 1/2"	4"

BACK PRESSURES (bar)* - PLUGY, PLUGSY

PLUG SIZE	PIPE DIAMETER (MM)																				
	40	70	100	150	200	250	300	350	400	500	600	800	1000	1200	1300	1400	1500	1600	1700	1800	
40-70	2	1.2																			
70-150		2.2	1.7	1.3																	
100-200			2.2	1.7	1.3																
150-200				2	1.5																
150-300				2.2	2	1.4	1.2														
200-400					2.2	2	1.7	1.5	1.2												
300-525							2	1.7	1.5	1.2											
350-600								2.1	1.9	1.6	1.3										
375-750									2	1.7	1.4										
500-800										1.8	1.4	1.1									
500-1000										1	0.8	0.6	0.5								
600-1200											1	0.7	0.6	0.5							
750-1500												1	0.9	0.8	0.7	0.6	0.5				
800-1800													1	1	0.9	0.8	0.7	0.6	0.5	0.5	0.4

* measured in a dry iron pipe

Pipe Sealing & Testing

Pipe Pinching Tools

IMG REF Product Description

- P19** Manual pipe squeezing tool designed for compressing polyethylene pipes, of gas and water, with diameters up to 63mm.

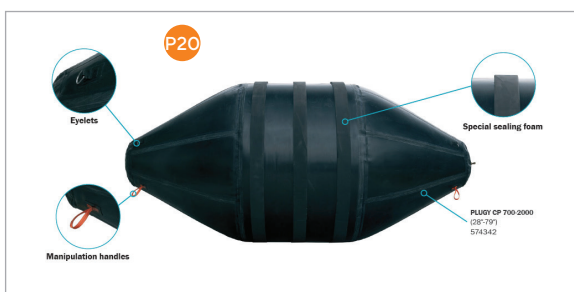
P19



Diamond Shape Plugs

IMG REF Product Description

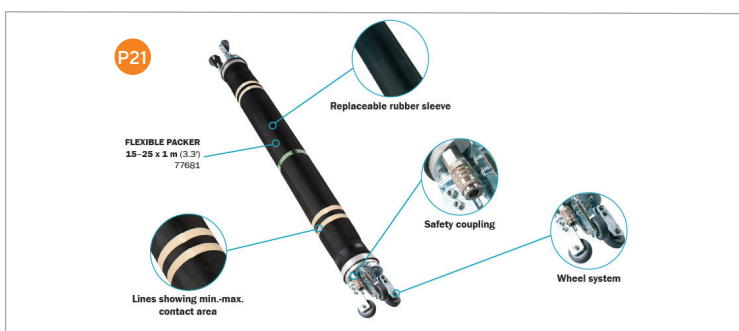
- P20** Cone/Diamond shaped plugs available in dimensions from 400 mm - 2400 mm (16' - 95'). Produced from special CR rubber and reinforced with fabric. Carrying handles and eyelets for easier manipulation. Suitable for sealing pipes of various shapes (cone, oval, etc.).



Flexible Packer

IMG REF Product Description

- P21** Suitable for patch repairs ranging from 1 up to 5 meters (3.3' - 16.4'). Equipped with a bypass and wheel system that allows positioning along the pipeline. They can easily bend and fit through the manholes.



Lateral Packer

IMG REF Product Description

- P22** Suitable for repairs of pipes of smaller diameters, especially in house connection installations. Rounded on both ends in order to simplify handling and insertion. Equipped with quick action couplings.

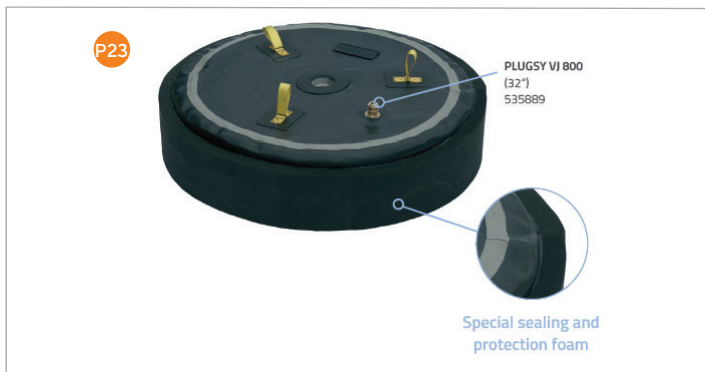


Pipe Sealing & Testing

Man Hole Plugs

IMG REF Product Description

- P23** For manhole tightness testings, these plugs are short and light, equipped with three eyebolts for a simple vertical insertion.



Oil/Chemical Resistant Plugs

IMG REF Product Description

- P24** Made from a special CR rubber compound, reinforced with aramid cord. Superb resistance to certain chemicals, ideal for use in the oil and gas industry.



Oval Shape Plugs

IMG REF Product Description

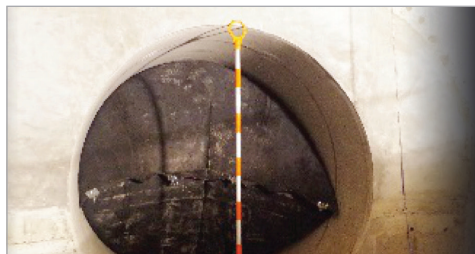
- P25** Special models including versions that adapt to the shape of the pipeline. Oval-shaped models simplify insertion through manholes. Available in both sealing and bypass types.



Pillow Type Plugs

IMG REF Product Description

- P26** Unique construction ensures low weight and high flexibility during use and storage. Suitable for the largest pipelines.



PIPE JOINT TESTER

17

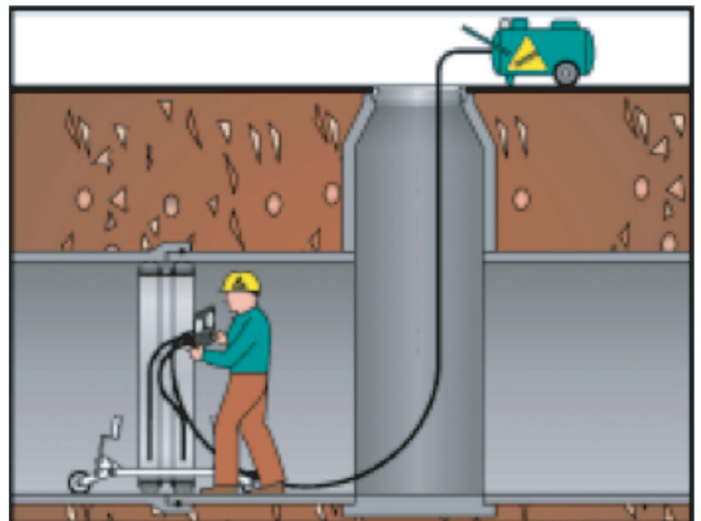
Fast, safe and easy to use, HTC's Joint Testers are designed to test large-diameter, installed, pre-cast concrete pipe.

Ready to test with water or air, no modifications needed. The Joint Tester also allows you to pre-test before backfilling.



FEATURES

- Sleeveless, lightweight aluminum design allows for easy assembly in manholes
- Independent, adjustable wheels—easy to move
- Quick-connect control panel is simple to install and remove, plus the top-mounting feature won't interfere with laser usage



Pipe Sealing & Testing

Pipe Joint Tester

Product Description

- P27** Wide range of pressure capacities and size available. Fit pipe sizes ranging from 24" - 120". Equipped with adjustable wheels that allow for easy transportation through the pipeline.

P27



Sewer Line Smoke Testers

Product Description

- P28** Quick and effective solution for detecting leaks and faults in sewer and drainage systems. Designed for professional use and built to perform reliably in tough site conditions.

P28



Vacuum Testing Equipment

Product Description

P29 Provides the suction and sealing needed for accurate vacuum testing of manholes and pipelines. Includes durable test head bladders for airtight sealing and a portable petrol pump for consistent vacuum pressure, ensuring reliable on-site leak detection.

P29



Rebar Tools

Rebar Benders

Product Description

P30 Range of table and handheld rebar bending machines

P30



Rebar Cutters

IMG REF Product Description

- P31** Used to cleanly and efficiently cut reinforcing steel bars to the required lengths on construction sites. Ranges from Electric, Hydraulic, Bender & Cutter combo tools.

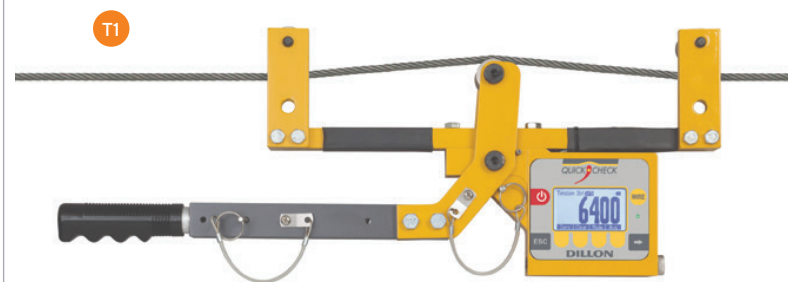
P31



Tension Meters

Dynamometers

IMG REF	Product Description
T1	Dillon wire tension meters - Up to 20 wire sizes able to be loaded at once
T2	Analogue tension meters - 500kg to 10t
T3	Dillon digital tension meters - 5kg to 20t, wireless display units available



Ventilation Fans

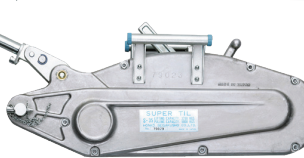
IMG REF	Product Description
V1	For ventilation of confined spaces.



Winches

Portable Winches, Tirfors, Trailer Winches for Lifting and Pulling

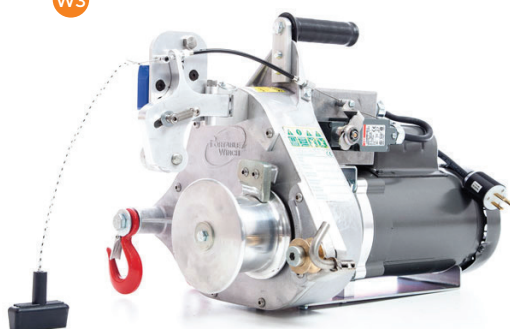
IMG REF	Product Description
W1	Wire tirfors - 1250kg, 2500kg and 5000kg models available
W2	Petrol and battery powered capstan winches for pulling - 700kg and 1000kg models
W3	Petrol and electric powered capstan winches for pulling and lifting - multiple models available
W4	Winch accessories - bags, rope, pulleys, hooks, pole mounts and more..
W5	Trailer mounted winches - Multiple sizes with wireless control and accessories available
W6	Tema Dual Capstan feeding and hauling systems.



W2



W3



W4



W5



W6



CALIBRATION, TESTING & INSPECTION SERVICES



Nationwide Calibration & Testing for Tools, Equipment & PPE

HTC is New Zealand's trusted partner for professional calibration and certification services, helping industries maintain safety, accuracy, and compliance across a wide range of tools and equipment. Whether you need a torque wrench certified, a force gauge recalibrated, or your high-voltage PPE tested, our technicians deliver results you can rely on — backed by traceable standards and decades of experience.

Explore each service below to see how HTC can help keep your tools accurate, your records up-to-date, and your teams working safely



TORQUE CALIBRATION

From manual wrenches to digital and hydraulic torque tools, we ensure precise fastening every time.



FORCE CALIBRATION

Accurate measurement of tension and compression with calibrated dynamometers, gauges, and load cells.



ELECTRICAL SAFETY CALIBRATION

Dielectric testing of gloves, mats, poles, and other live-line PPE to keep workers protected.



PPE & SAFETY GEAR INSPECTIONS

Certified inspection and tagging for harnesses, slings, shackles, and lifting gear.



GAS DETECTION & ENVIRONMENTAL METERS

Calibration of single- and multi-gas detectors, UV light meters, temperature and humidity devices.



WEIGHING EQUIPMENT CALIBRATION

Precision checks for platform scales, crane scales, and portable weighing systems.



PRESSURE & VACUUM

Reliable calibration of gauges, transducers, and vacuum sensors across a wide pressure range.



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