



CIVIL & DRAINAGE ESSENTIALS

Sales Service Calibration Hire

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.

About Us

“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



Suppliers

HTC sources from world leading manufacturers with respected brands and proven products. We evaluate manufacturers by visiting their factories and thoroughly testing their tools before we offer products to our customers for sale and hire. HTC suppliers include Jameson line clearing tools, CHANCE lineman tools, Greenlee, Portable Winch, Durapac, Tohnichi torque equipment and many more. Manufacturers' warranties are backed in our own workshops, so you can be confident of ongoing servicing and support for your equipment.

CHANCE[®]



DURAPAC
ENGINEERED FOR RELIABILITY



and many more!





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Anchor Bolt Testing

Anchor Tester



Anchor Bolt Tester 0-10kN & 0-25kN. Includes Eye Bolt Tester



Range of Hydraulic Hollow Rams



Heavy Duty Tester Kit with Built in Digital Gauge

Flange Equipment

Flange spreader and aligners



Hydraulic Fixed Flange Alignment & Rotational Tool

Includes 2x Hydraulic Alignment Tools, Hydraulic Pump, Hose, 1000 Bar Gauge & Ratchet Strop



Hydraulic Flange Spreader Kit

Includes 2x Hydraulic Spreaders, 2x Hoses, Hydraulic Pump, 2x 1000 Bar Gauges, 2x Step Wedges 2 x Step Chocks

Bolting Tools

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



Hydraulic Tools

Breakers

Ideal in general demolition works of concrete and asphalt cutting.



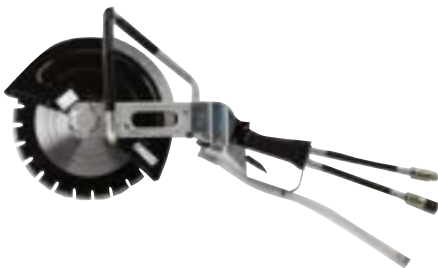
Diamond Chainsaw

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



Hydraulic Circular Saw

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.



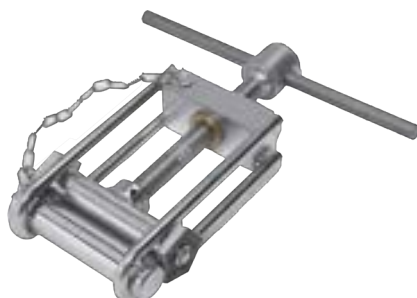
Riexinger Pipe Saw

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.



Pipe Compression Tool

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



Pipe Cutters, Squeeze and Pop

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



Gas Detection

Gas Detectors

A range of equipment available, ask the team for details



Generators

Generators

Honda industrial and inverter generators - Multiple models available



Hydraulic Rams

Rams

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



Wedge Rams

Wedge Rams

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



Stressing Jack

Stressing Jack

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



Water/Trash Pumps

Water/Trash Pumps

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



Hydraulic Tools

Hydraulic Hammer Drill

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".



Pole Tamper

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



Hydraulic Rams

Hydraulic Pumps

Hand Operated 700Bar Hydraulic Pumps

Multiple fluid capacity sizes available



Air operated 700Bar Hydraulic Pumps

Multiple fluid capacity sizes available



Riken 230v 700Bar Hydraulic Pump Units

Single and double acting, custom builds available



Durapac Petrol and Diesel Operated 700Bar Hydraulic Pumps

Multiple models available



Petrol and Diesel Operated Low Pressure Pumps

Multiple models available



Durapac Petrol and Diesel Operated 700Bar Hydraulic Pumps

Multiple models available



Lift & Shift

Portable Gantries

Reid Portable Gantries

Multiple sizes available, rated to be used with safety harness



Porta Gantry Rapide

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

Lifting Bags

Range of air lifting bags and accessories



Chain Blocks

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



Lever Hoists

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



Electric Hoists

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



Lift & Shift

Porta Davit

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.



T Davit

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



T Davit

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



Manhole Cover Lifters

Safely move Manhole covers. Lifting capacity up to 15000Kg.



Pipe and Cable Hauling

Line Blowing Equipment

Line blowing equipment - Darts, balloons, birds and accessories available



Stringing Gun for microducts to suit cable ducts up to 200 mm



Snake rods

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



Rollers

Cable Guide Rollers

Multiple sizes and models available



Trench rollers

Multiple sizes and models available



Universal Stringing Rollers

Multiple sizes and models available



Cable Guide Rollers

Hanging Rollers



Pipe Connections

Hot Tapping Gear

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.



Pipe Connections

Magnetic Drill

Magnetic Based Drills

12mm to 100 capacities



Magnetic Based Drills

Low Height



Automatic Feed Magnetic Drills



Medium Pipe Magnetic Drills



Pipe Bending

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



Pipe Threading

Pipe Threading Machines and Roll Grooving Machines are available in many sizes and configurations.



Pipe Sealing & Testing

Testing Gauges, Inflation Controllers and Hoses

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



Small Diameter Plugs

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



Standard plugs

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



Bypass Plugs

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



Plugsy Blocking Plugs

PART NUMBER	NOMINAL SIZE	SIZE USAGE RANGE		REQUIRED INFLATION PRESSURE (BAR)	DEFLATED PLUG		PRODUCT WEIGHT (KG)	EYE BOLT	INFLATION VALVE
		MIN. DIA. (MM)	MAX. DIA. (MM)		DIAMETER (MM)	RUBBER LENGTH (MM)			
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	INFLATION VALVE	BYPASS DIAMETER (FEMALE)
		MIN. DIA. (MM)	MAX. DIA. (MM)		DIAMETER (MM)	RUBBER LENGTH (MM)				
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)* Plugsy, 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

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



Diamond Shape Plugs

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

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

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

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



Oil/Chemical Resistant Plugs

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.



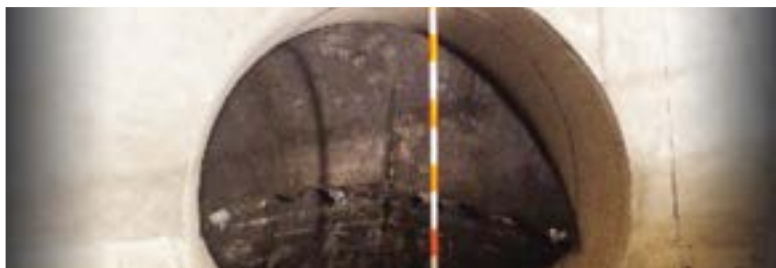
Oval Shape Plugs

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

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



Pipe Joint Tester

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.



- 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

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.



Sewer Line Smoke Testers

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.



Vacuum Testing Equipment

Vacuum Testing Equipment

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.



Rebar Tools

Rebar Benders

Range of table and handheld rebar bending machines



Rebar Cutters

Rebar Cutters

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



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

SUPPLYING SOLUTIONS TO THE NEW ZEALAND INDUSTRY FOR OVER 40 YEARS



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.



Pressure & Vacuum

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



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.



PPE & Safety Gear Inspections

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



Metrology & Specialty Instruments

If it measures, detects, or protects — we probably calibrate it.



Electrical Safety Calibration

Dielectric testing of gloves, mats, poles, and other liveline PPE to keep workers protected.

Tension Meters

Dynamometers

Dillon Wire Tension Meters

Up to 20 wire sizes able to be loaded at once



Analogue Tension Meters

500kg to 10t



Dillon Digital Tension Meters

5kg to 20t, wireless display units available



Ventilation Fans

Ventilation Fans

For ventilation of confined spaces.



Winches

Portable Winches, Tirlors, Trailer Winches for Lifting and Pulling

Wire Tirlors

1250kg, 2500kg and 5000kg models available



Petrol and Battery Powered Capstan Winches for Pulling

700kg and 1000kg models



Petrol and Electric Powered Capstan Winches for Pulling

Multiple models available



Winch Accessories

Bags, rope, pulleys, hooks, pole mounts and more..



Trailer Mounted Winches



Tema Dual Capstan

Feeding and hauling systems



Conversion Formulas

COMMON CONVERSION FORMULAS		SI* CONVERSION FORMULAS		APPROXIMATE CONVERSION	
Multiply SI* Unit	By Conversion Factor	To get or Multiply Non-SI Unit	By Conversion Factor	To get SI* Unit	
LENGTH					
millimetre (mm)	x 0.03937	= inch	x 25.4	= mm	
(1 inch = 25.4mm exactly)					
centimetre (cm) 10mm	x 0.3937	= inch	x 2.54	= cm	
metre (m) 1000mm	x 3.28	= foot	x 0.305	= m	
metre (m)	x 1.09	= yard	x 0.914	= m	
kilometre (km) 1000m	x 0.62	= mile	x 1.61	= km	
AREA					
millimetre ² (mm ²)	x 0.00155	= inch ²	x 6.45	= mm ²	
centimetre ² (cm ²)	x 0.155	= inch ²	x 6.45	= cm ²	
metre ² (m ²)	x 10.8	= foot ²	x 0.0929	= m ²	
metre ² (m ²)	x 1.2	= yard ²	x 0.836	= m ²	
hectare (ha) 10,000m ²	x 2.47	= acre ²	x 0.405	= ha ²	
kilometre ² (km ²)	x 0.39	= mile ²	x 2.59	= km ²	
VOLUME					
centimetre ³ (cm ³)	x 0.061	= inch ³	x 16.4	= cm ³	
litre (l)	x 61	= inch ³	x 0.016	= l	
millimetre (ml)	x 0.034	= oz-liq	x 29.6	= ml (1ml = 1cm ³)	
litre (l) 1000ml	x 1.06	= quart	x 0.946	= l	
litre (l)	x 0.26	= gallon	x 3.79	= l	
metre ³ (m ³) 1000l	x 1.3	= yard	x 0.76	= m ³	
MASS					
gram (g)	x 0.035	= ounce	x 28.3	= g	
kilogram (kg) 1000g	x 2.2	= pound	x 0.454	= kg	
metric Tonne (t) 1000kg	x 1.1	= Tonne (short)	x 0.907	= t	
FORCE (N = kg • ms ⁻²)					
newTonne (N)	x 0.225	= pound	x 4.45	= N	
kilonewTonne (kN)	x 225	= pound	x 0.00445	= kN	
TORQUE					
newTonne metre (Nm)	x 8.9	= lb. in.	x 0.113	= Nm	
newTonne metre (Nm)	x 0.74	= lb. ft.	x 1.36	= Nm	
PRESSURE					
kilopascal (kPa)	x 4.0	= in. H2O	x 0.249	= kPa	
kilopascal (kPa)	x 0.30	= in. Hg	x 3.38	= kPa	
kilopascal (kPa)	x 0.145	= p.s.i.	x 6.89	= kPa	
megapascal (MPa)	x 145	= p.s.i.	x 0.00689	= MPa	
Bar	x 14.5	= p.s.i.	x .0689	= Bar	
POWER					
kilowatt (kw)	x 1.34	= hp	x 0.746	= kw	
kilowatt (kw)	x 0.948	= Btu/s	x 1.055	= kw	
watt (w)	x 0.74	= ft. lb/s	x 1.36	= w	
TEMPERATURE					
°C = (°F - 32) ÷ 1.8	°F = (°C x 1.8) + 32				
FLOW					
cu. cm./min.	x 0.61	= cu. in./min. x 16.4 = cu. cm./min.			
litres/min.	x .2642	= GPM x 3.785 = litres/min.			

*System International (Modern Metric System)

Fractions	Decimals	Millimetres	Fractions	Decimals	Millimetres	Fractions	Decimals	Millimetres
1/64	0.016	0.397	23/64	0.359	9.128	45/64	0.703	17.859
1/32	0.031	0.794	3/8	0.375	9.525	23/32	0.719	18.256
3/64	0.047	1.191	25/64	0.391	9.922	47/64	0.734	18.653
1/16	0.063	1.588	13/32	0.406	10.319	3/4	0.750	19.050
5/64	0.078	1.984	27/64	0.422	10.716	49/64	0.766	19.447
3/32	0.094	2.381	7/16	0.438	11.113	25/32	0.781	19.844
7/64	0.109	2.778	29/64	0.453	11.509	51/64	0.797	20.241
1/8	0.125	3.175	15/32	0.469	11.906	13/16	0.813	20.638
9/64	0.141	3.572	31/64	0.484	12.303	53/64	0.828	21.034
5/32	0.156	3.969	2/2	0.500	12.700	27/32	0.844	21.431
11/64	0.172	4.366	33/64	0.516	13.097	55/64	0.859	21.828
3/16	0.188	4.763	17/32	0.531	13.494	7/8	0.875	22.225
13/64	0.203	5.159	35/64	0.547	13.891	57/64	0.891	22.622
7/32	0.219	5.556	9/16	0.563	14.288	29/32	0.906	23.019
15/64	0.234	5.953	37/64	0.578	14.684	59/64	0.922	23.416
1/4	0.250	6.350	19/32	0.594	15.081	15/16	0.938	23.813
17/64	0.266	6.747	39/64	0.609	15.478	61/64	0.953	24.209
9/32	0.281	7.144	5/8	0.625	15.875	31/32	0.969	24.606
19/64	0.297	7.541	41/64	0.641	16.272	63/64	0.984	25.003
5/16	0.313	7.938	21/32	0.656	16.669	1	1.000	25.400
21/64	0.328	8.334	43/64	0.672	17.006			
11/32	0.344	8.731	11/16	0.688	17.463			

1mm = 0.3937 and
.001 = 0.254mm



HTC SERVICE

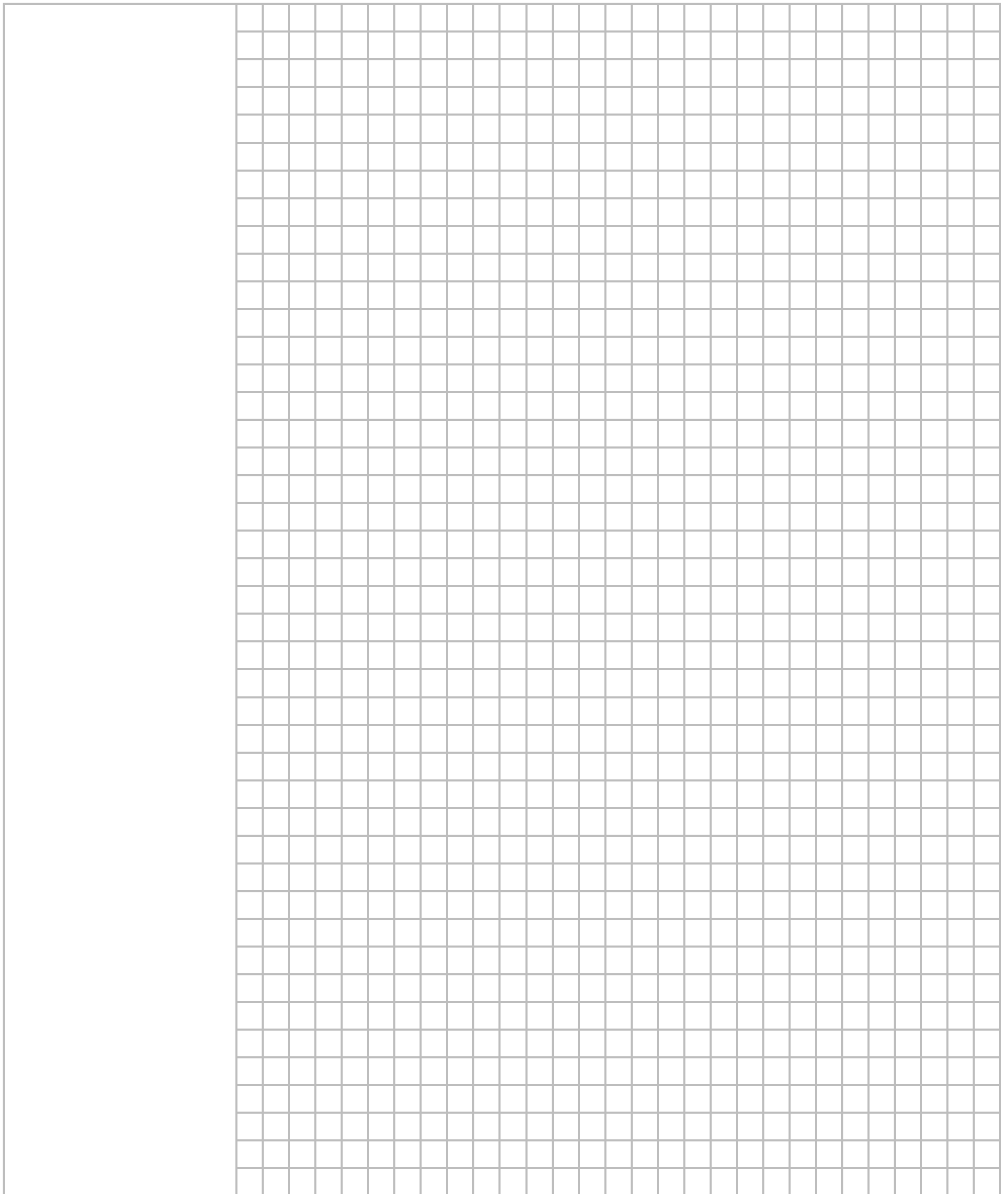
HTC's in-house specialist fitters are trained to provide fast, reliable and economic repairs and scheduled maintenance for your hydraulic tools and equipment.

Common parts are stocked for most products we hire and sell, which means you get your gear back quicker.

Worried about keeping your current projects progressing while your gear is being serviced? HTC offers discount hire rates when your own tools and equipment are being serviced by our specialist fitters.

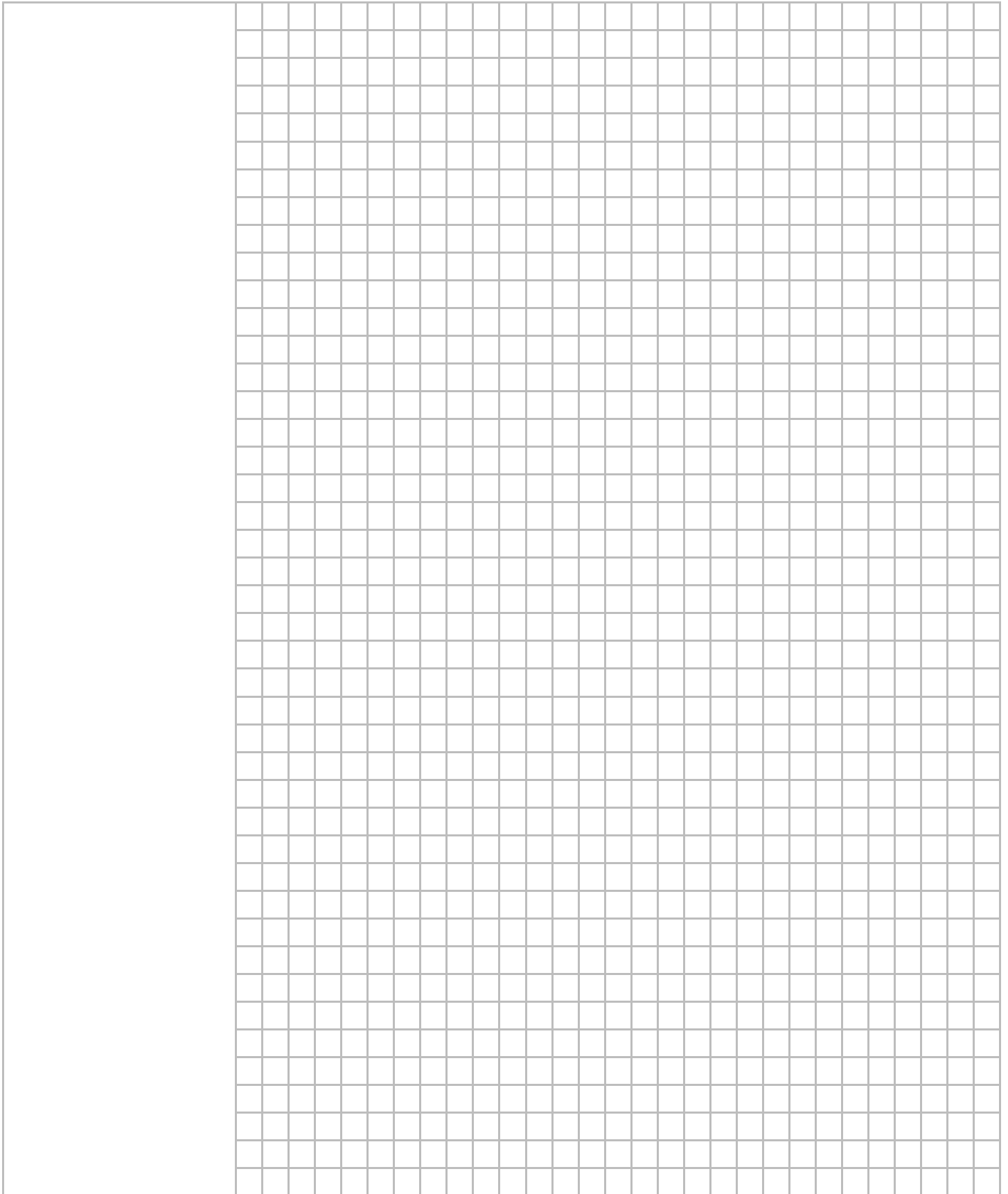
HTC also supply seal kits, hoses, couplers, gauges, hydraulic fluids, coolants, cutters, punches, compression dies and a large range of other spares and accessories.

HTC specialist fitter's skills go beyond repairs and scheduled maintenance they can also create bespoke engineering solutions for your projects.



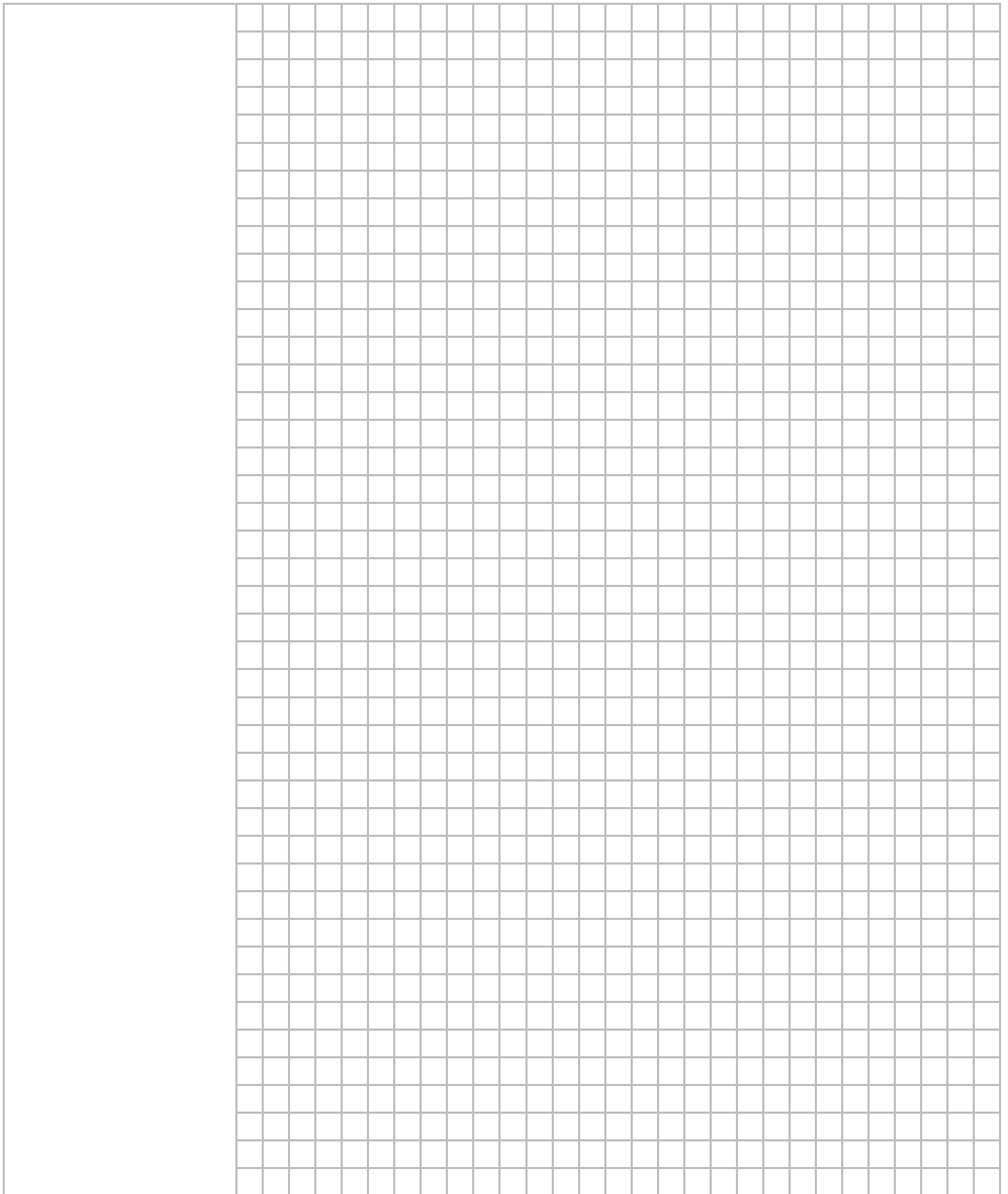
Makin' the Hard Jobs Easy





Makin' the Hard Jobs Easy





Makin' the Hard Jobs Easy



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