



SPECIALISED TOOLS  
AND EQUIPMENT

# Wind Power Tools & Equipment Guide



# HTC MAKIN' THE HARD JOBS EASY

HTC has been supplying specialised tooling solutions to New Zealand industry for 40 years.

Specialists in 700 bar hydraulics, cutting tools, lifting equipment and tool servicing, HTC sources and supplies solution-based tools and equipment for electrical contracting, arborist, railway, construction, engineering and drainage industries.

From 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



## 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 Durapac bolting and torque tools, Portable Winch, HYTORC, Plarad, ITH, Alkitronic and many more. Manufacturers' warranties are backed in our own workshops, so you can be confident of ongoing servicing and support for your equipment.



**and many more**

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## HTC SERVICE

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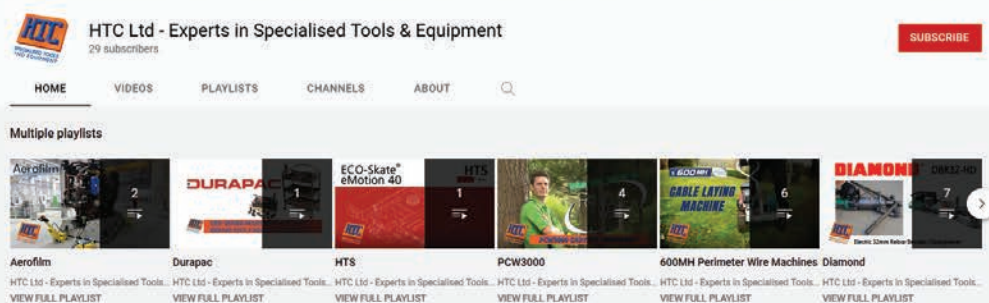
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## VISIT OUR YOUTUBE CHANNEL



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BY SCANNING  
OUR QR CODE**

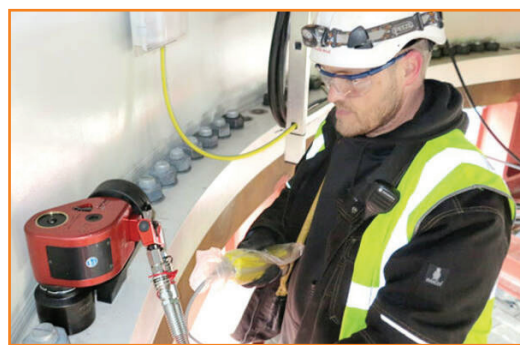


# Bolting

## Hydraulic Torque Tools

### Details

Small compact and powerful. We offer a wide range of types and designs to fit your application.





## Battery/Electric Torque Tools

### Details

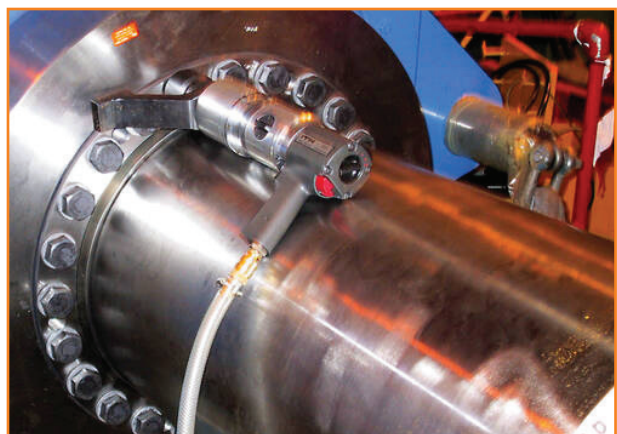
Powered torque multipliers are fast and lightweight. Many types and capacities available. Some units are capable of torque plus turn and bolt checking.



## Pneumatic Torque Tools

### Details

Powered by compressed air. Many models and capacities available.



# Bolting

## Tensioners

### Details

Bolt tensioning is perhaps the most accurate and repeatable way to ensure even clamping down of any flange. They remove all of the frictional complications associated with traditional torquing techniques.



## Manual Torque Wrenches

### Details

From screw drivers to large but accurate click or break type manual torque wrenches.





## Manual Multipliers

### Details

Many brands and models available to multiply small torque into impressive outputs.



## Impact Tools

### Details

Designed for the grunt work of undoing quickly and efficiently. Many types available including electric, battery, air and even petrol and hydraulic powered units.



# Bolting Accessories

## Self Reacting Washer System

### Details

This ingenious system allows the operator to remove the reaction arm from the torque tool and instead the tool reacts off the outer spline of the washer. This completely removes pinch risk normally associated with torque tools. It also speeds up operation and improves accuracy.



## Sockets and Hex Bit Systems

### Details

Large range of sockets available to suit the application. HTC recommends Tone, Ko-ken, Hytorc sockets as some of the best in the world.



## Nut Splitters

### Details

When fastenings are heavily corroded or damaged, there is sometimes no alternative to splitting the nut. Rather than using grinders or gas plants the nut splitter is a safe and convenient way to get the job done.





## Induction Bolt Heater

### Details

Similar to how induction stove tops work these portable devices heat steel parts in seconds without the associated risks and hassle of gas plants. Various different systems are available and applications range from preheating bearings to removing frozen nuts. Can also be used for brazing.



## Custom Engineered Bolts

### Details

ITH Germany are not only one of the premium suppliers of wind farm related bolting equipment, they also bring significant expertise in designing and manufacturing fasteners for critical applications. With bolt sizes starting at M20 and the largest they've produced being a W510 (510mm diameter), they have the ability to design for the application.



## Custom Reaction Arms

### Details

When there are space constraints most of our suppliers will help design and build reaction arms to suit your application. Most can also supply blank weld-on splines so you can create your own.



# Calibration, Testing and Inspection Services

Now, more than ever, keeping your people safe means keeping your equipment in working order and compliant with the current standards.

The experienced team at HTC is here to help.

- Tests performed to comply with all relevant standards by experienced staff
- Presale and cyclic testing available
- All tests are traceable with secure certificate storage



## Torque Testing

- Latest generation testing equipment, compliant with the ISO standard
- Manual wrenches and screw drivers
- Hydraulic Wrenches
- Powered torque multipliers



## Load Cells



## Tension Meters



## Dielectric Testing ⚡

- Hi Voltage Insulation Testing
- PPE and Tools



Work Boots



Gloves



Sleeves



Mats



Live Line and Utility Sticks



Hydraulic Saws and Pruners



Arborist Tools and Equipment

## Height Safety Inspection



## Lifting Slings Inspection



# KEEP YOUR PEOPLE SAFE



## Torque Wrench Pumps

### Details

Generally speaking 700bar or 800bar pumps are used to power hydraulic torque tools. Various different models and sizes available. Power sources include mains, battery or pneumatic. Pumps are selected based on required power source and whether the unit will be used for heavy production type work or lighter yearly maintenance type functions.

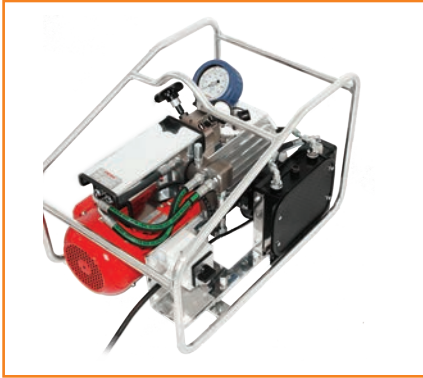


# Hydraulic Pumps

## Tensioner Pumps

### Details

Tensioning pumps are capable of higher pressures than standard pumps, exceeding 1400Bar. Selecting the correct pump to handle the amount of usage it will see is important to achieve longevity.



## 700bar Hydraulic Pumps

### Details

Used for general purpose applications, often teamed up with jacking cylinders or tools like nut splitters. Electric, battery, pneumatic and even petrol units available.





## 700bar Manual Hydraulic Pumps

### Details

Portable, reliable, easy to operate and transport.



## General Hydraulics

### Rams

### Details

Full range of hydraulic cylinders used for lifting, pushing or pressing. Hollow rams are particularly good for extracting bearings.



# General Hydraulics

## Press Frames

### Details

Numerous models available for general pressing and testing applications.



## Hoses and Couplers

### Details

Hoses, couplers and manifolds available.



## Flange Spreading and Alignment

### Details

Many tools available for aligning, spreading and clamping flanges.



## Generators

## Generators

### Details

From small, quiet and portable to large trailer based machines, there are many options available. Petrol, diesel and even hydraulically powered units possible.



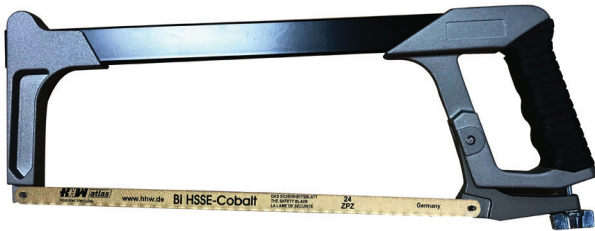


# Hand Tools

## Hand Tools

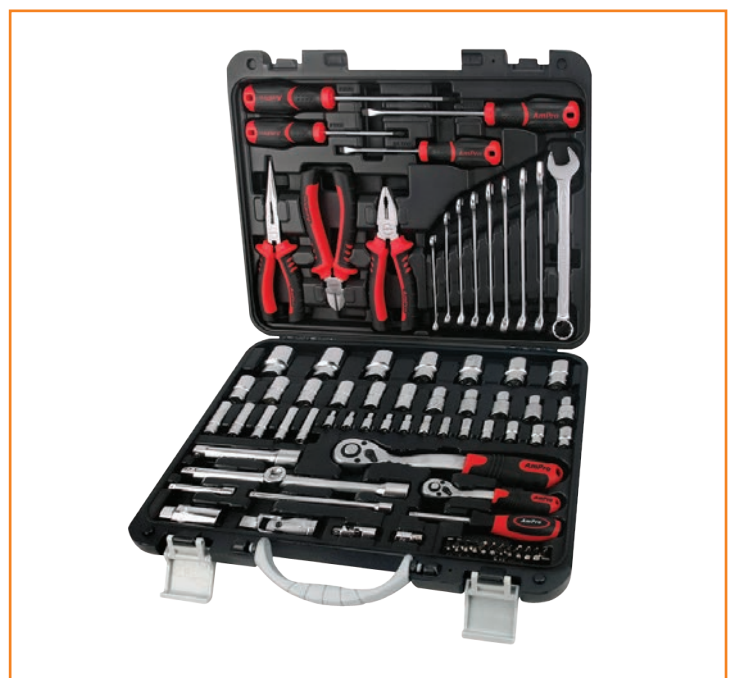
### Details

HTC can also supply leading international brands of hand tools, including cutting, measuring, sockets, hammers, general tools.



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HTC can also supply leading international brands of hand tools, including cutting, measuring, sockets, hammers, general tools.



Extensive selection of hand tools  
and accurate measuring tools.

**Koken Mitutoyo**  
**felo TopMan**

# Heavy Lifting and Shifting

## Lifting Davits

### Details

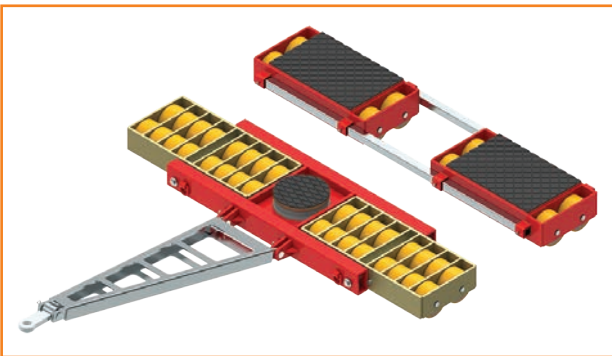
Davits are portable cranes that are lightweight and used for hoisting tool bags, parts and even abseiling from. Units can be mounted practically anywhere using the convenient socket system.



## Cranes and Skates

### Details

HTC offers a wide range of equipment for lifting and shifting heavy objects. Innovative new equipment including a remote controlled crane and remote controlled loadskate setup. There are even thin air powered skates that turn your heavy item into a hovercraft!





## Portable Gantries

### Details

Used for lifting and moving transmissions and other large items. Also rated for manlifting and rescue applications.





# 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.



## Power Tools

### Details

Drills, grinders, impact tools. Most popular brands and models available.



## Servicing Tools

## Oil Changer

### Details

Used for changing oil in gearboxes or other components. Models can be skid or trailer mounted and can include heaters for high viscosity fluids and tanks for waste and clean liquids.





# Winches and Hoists

## High Lift Rope Winches

### Details

Lifting and lowering in both directions for time-saving and economical work. Can be operated via pendant or radio remote control. Unlimited rope length can be used making it a very useful tool.



## Larger Trailer Mounted Pulling or Stringing Winches

### Details

Trailer mounted winches are built and used for cable hauling, overhead stringing and lifting applications. Factors like speed and force can be easily controlled, logged and printed from the unit. Many options available. Units generally produced in Italy or Germany by industry leading manufacturers.



## Chain Blocks/Lever Blocks

### Details

Proven in the field for 60 years, Elephant lever hoists and chain blocks come in a wide range of shapes and sizes. Models available from lighter capacity weights to heavy duty lifting, there is a model to suit your application.



## Pulling and Lifting Winches

### Details

Popular in a variety of industries, versatile and effective winch units are available in petrol and even battery powered configurations.







SPECIALISED TOOLS  
AND EQUIPMENT

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