



SPECIALISED TOOLS
AND EQUIPMENT

Rail Industry Product 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 Geismar rail maintenance equipment, Portable Winch, Durapac, HYTORC, 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.



and many more

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Accessories

IMG REF	Description
A1	Wheel chocks and safety flags
A2	De-railing sets
A3	Tongs and rail handling tools
A4	Hydraulic Re-railing systems
A5	Rail Adzes
A6	Range of specialty shovels and spades

A1



A2



A3



A4



A5



A6



Ballast Work

IMG REF	Description
B1	Liftable light weight multi head tampers, can be supplied on powered base trolley
B2	Track ready Tampers and levelers, designed for NZ compliance
B3	Portable battery and petrol tie tampers
B4	Excavator mounted tamping heads
B5	Pole Tampers
B6	Track Brush Tool for Road-rail Loader & Excavator

B1



B2



B3



B4



B6

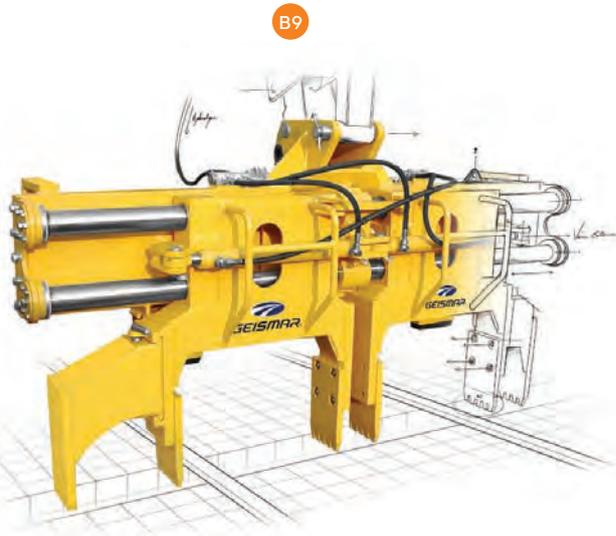


B5



Ballast Work

IMG REF	Description
B7	Ballast Undercutter Blade
B8	Road-rail Loader
B9	Ballast Clearing Beam
B10	Road-rail All-Terrain Dumper
B11	Road-rail Vehicle for Railway Equipment Handling



Bolting/Coachscrews

IMG REF	Description
B12	Hydraulic impact wrenches Extended shaft and custom modified for NZ
B13	Heavy duty hydraulic impact wrenches, great for structures.
B14	Wide range of accurate pneumatic torque tools, fully calibrated in house.
B15	Manual Torque Wrenches, all sizes available.
B16	Hydraulic Torque Wrenches, unlimited models and capacities for any application
B17	Battery powered torque wrenches, highly accurate and portable.

B12



B13



B14



B15



B16

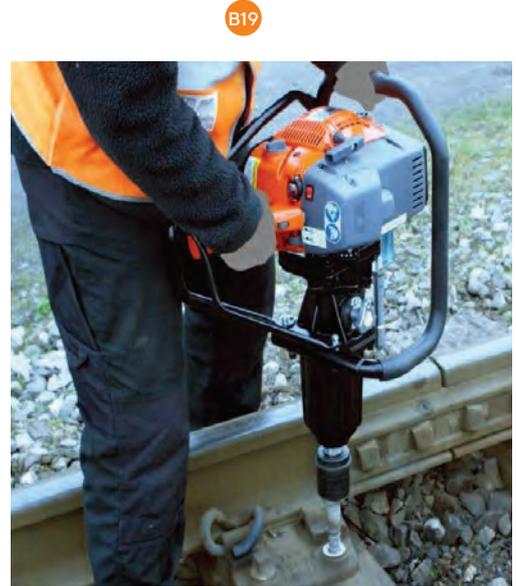


B17



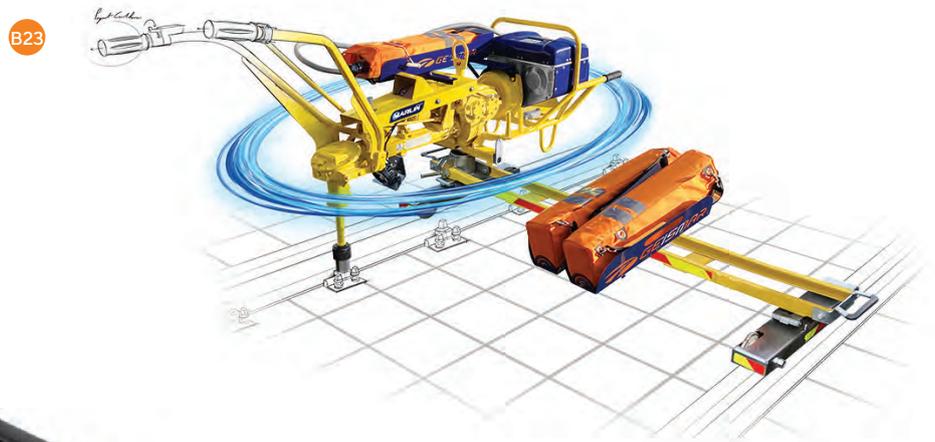
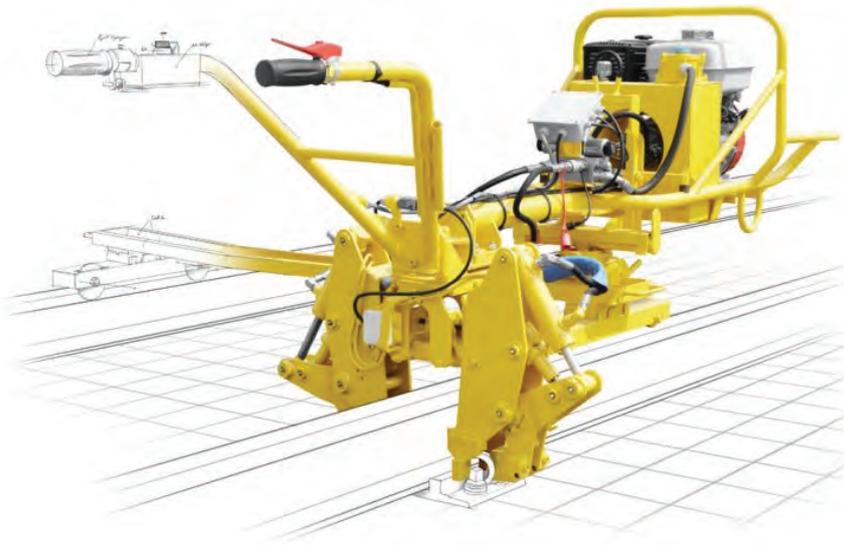
Bolting/Coachscrews

IMG REF	Description
B18	Manual Torque Multipliers
B19	Petrol-Powered Impact Wrench
B20	Impact Wrench Trolley- remove back strain risks on larger projects
B21	Compliant and precision coach screwing machines



Bolting/Coachscrews

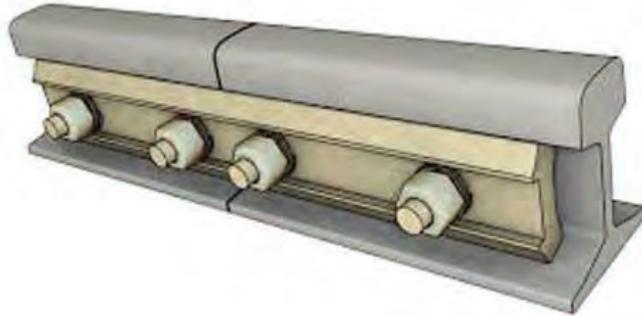
IMG REF	Description
B22	Heavy Duty Multipurpose Clippers
B23	Battery-Powered Impact Wrench
B24	Battery-Powered Coachscrewing Machine



Bolting Accessories

IMG REF	Description
B25	Fish Plate and Shim Systems
B26	Sockets - Designed specifically for rail applications and to be hard wearing in the field. Large range available including square, bi-square, and rectangle.

B25



B26



Traction and Signals Equipment

IMG REF	Description
TS1	Telescope/Measuring
TS2	Insulated Gloves
TS3	Conductor Covers
TS4	Universal/Hotstick
TS5	Pulling Grips

TS1



TS2



TS3



TS4



TS5



KEEP YOUR PEOPLE SAFE

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



Talk with the HTC Team today about your testing needs.

Cable and Contact Wire Equipment

IMG REF	Description
C1	Battery Hydraulic Crimpers
C2	Hydraulic Crimp Heads. 12, 25, 60, 100, 200 ton or larger available
C3	Manual Hydraulic Cable Cutters
C4	Cable Cutters for Cable, Wire and Catenary Wire
C5	Contact Wire Straightening Tool
C6	Battery Contact Wire Cutter
C7	Battery Contact Wire Straightening Tool
C8	Battery Powered Contact Wire Cutter, circular blade type



Early Warning Device for Site Protect

IMG REF	Description
E1	Early warning systems for live track work. Modular in design there are portable and permanent mounted solutions available. Roll through breaches on worksites happen and are a dangerous but avoidable situation. These systems are well proven internationally and fully proven.



Lifting Gear

IMG REF	Description
LG1	Chain Blocks
LG2	Lever Blocks
LG3	Electric Hoists
LG4	Porta Gantry



Grinding and Rail Preparation

IMG REF	Description
G1	Rail Profile Grinders
G2	Frog Grinding Machines
G3	High Output Rail Descaling Machines
G4	Lightweight Hydraulic Rail Profile Grinders
G5	Battery-powered Abrasive Rail Saws
G6	Hydraulic Rail Saws

G1



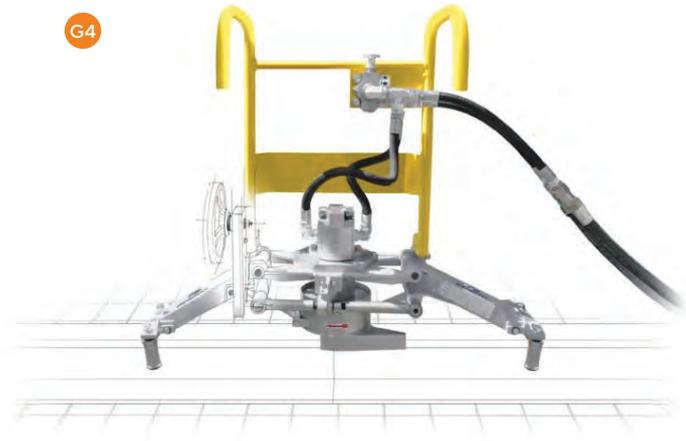
G2



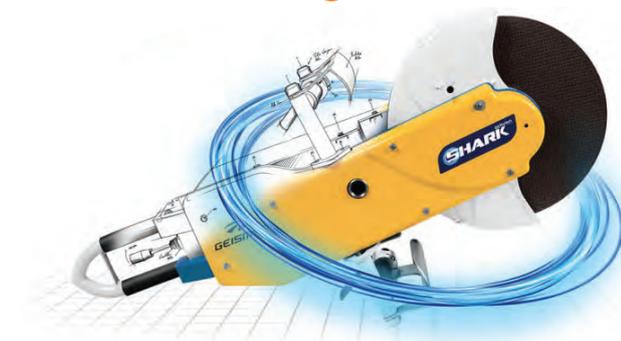
G3



G4



G5



G6



Grinding and Rail Preparation

IMG REF	Description
G7	Battery-Powered Rail Profile Grinder
G8	Lightweight Abrasive Rail Saw
G9	Track Grinding Hi-Rail Vehicle
G10	Track Maintenance Grinding Hi-Rail Vehicle



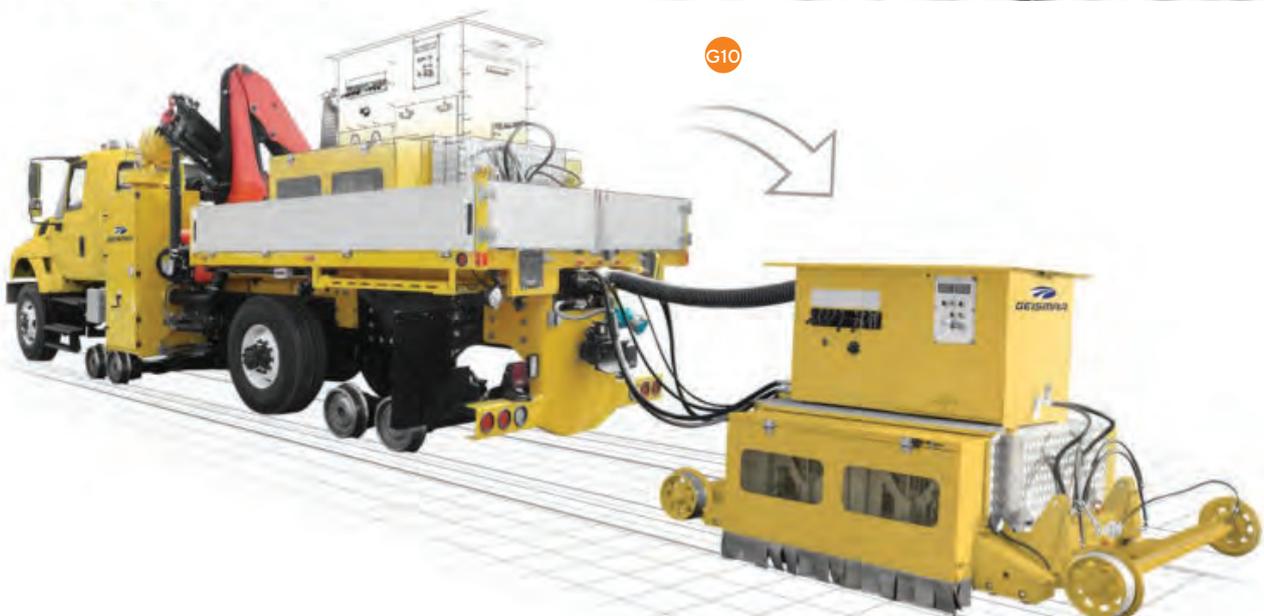
G7



G8



G9



G10

Hand Tools

IMG REF	Description
H1	Hacksaw
H2	Level
H3	Sledge Hammer
H4	Combination Lineman Plier
H5	Side Cutters
H6	Long Nose Plier



Hand Tools

IMG REF	Description
H7	Screwdriver Set
H8	Screwdriver Set Insulated VDE 1000V
H9	Sockets
H10	Impact Sockets
H11	Tool Kits

H7



H8



H10



H9



H11



Extensive selection of hand tools and accurate measuring tools.

Koken Mitutoyo
felo TopMan

Measurement and Testing

IMG REF	Description
M1	Track Gauge
M2	Track Gauge Digital
M3	Laser Alignment
M4	Rail Weighing System
M5	Rail Temperature Gauge
M6	Track and Catenary Measurement and Control Track Motorcar

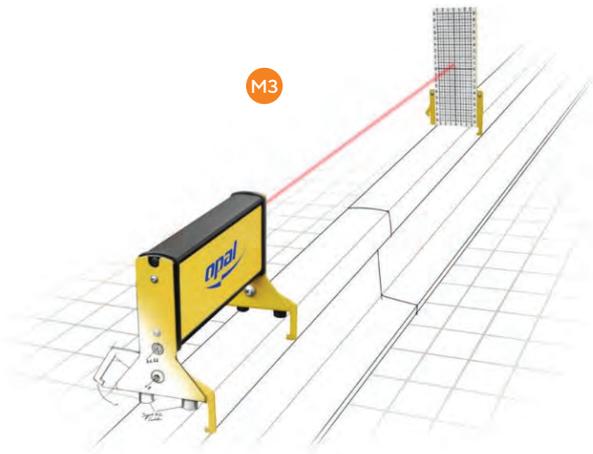
M1



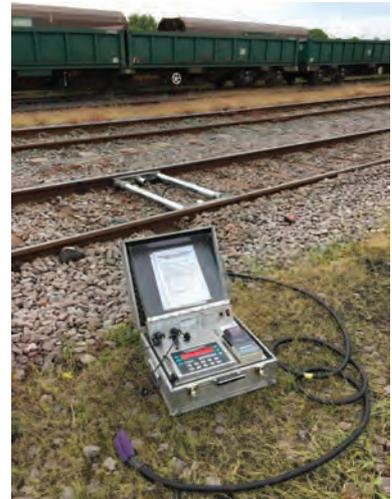
M2



M3



M4



M5



M6



Measurement and Testing

IMG REF	Description
M7	Track Measurement and Ultrasonic Inspection Trolley
M8	Single Ultrasonic Inspection Trolley
M9	Powered Ultrasonic Rail Inspection and transport Trolleys.
M10	Stagger and Height Gauge
M11	Portable Wagon Weighing System
M12	Track Distance Meter

M7



M8



M9



M10



M11



M12

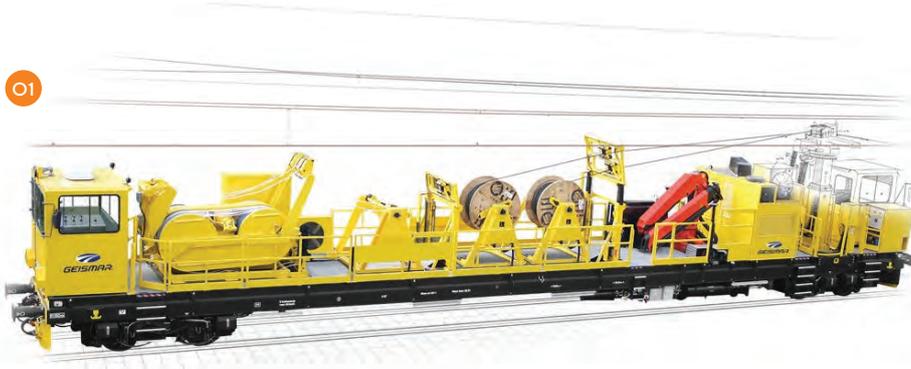


HTC CAN ALSO
CALIBRATE
THESE UNITS
IN HOUSE

Overhead

IMG REF Description

01 Rolling / Unrolling Wagon



Workshop Equipment

IMG REF Description

W1 Cylinders

W2 Hollow Cylinders

W3 Electric Hydraulic Pump

W4 Magnetic Drills



Workshop Equipment

IMG REF	Description
W5	Pipe Benders
W6	Tube Benders
W7	Cannon Press
W8	Press Frames



Hydraulic Pumps

IMG REF	Description
P1	Hydraulic Powerpack Diesel and Petrol
P2	Torque Wrench Pump
P3	Hydraulic Pump



Hydraulic Pumps

IMG REF Description

P4 Hand Hydraulic Pumps

P5 Air Hydraulic Pumps

P4



P5



Rail and Bonding Drills

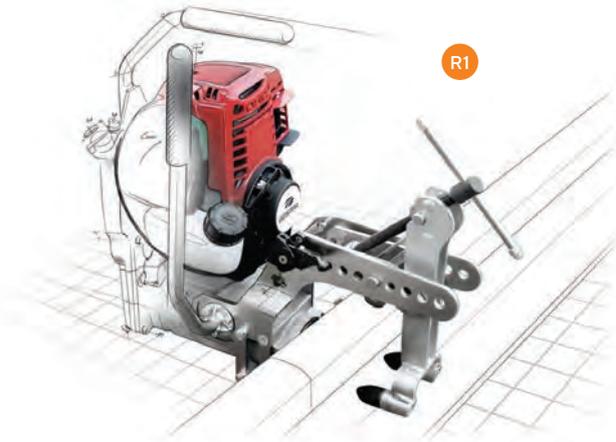
IMG REF Description

R1 Rail Drill

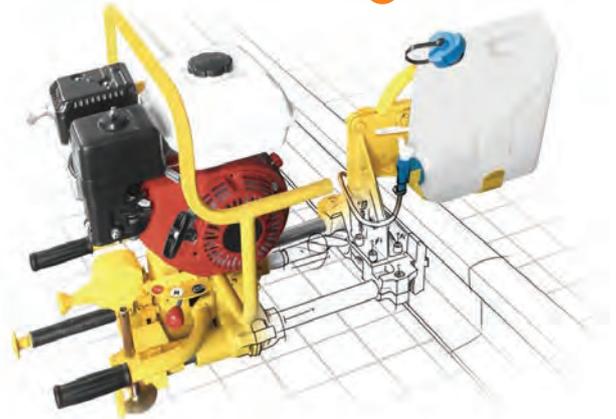
R2 Battery-Operated Rail Drill

R3 Bonding Drill

R1



R2



R3



Rail and Bonding Drills

IMG REF	Description
R4	Wide Range of Cobalt and TCT Annular Cutters designed for Rail
R5	Bush Install Tool
R6	Bolt Hole Crack Prevention
R7	Battery-Operated Rail Drilling Machine



Sleeper Processing

IMG REF	Description
S1	Sleeper Drills
S2	Sleeper Drill Counter Balance Trolleys
S3	Considerable Range of Standard and Stepped Hardwood Augers
S4	Sleeper Changing Machine
S5	Mounted sleeper handler



Sleeper Processing

IMG
REF

Description

S6

Variable Sleeper Spacing Beam

S7

Track Panel and Turnout Laying Systems



Sleeper Processing

IMG REF Description

S8 Heavy Duty Drill Machine

S9 Sleeper Fixing Machine

S8



S9



Tensors, Benders, Crows

IMG REF Description

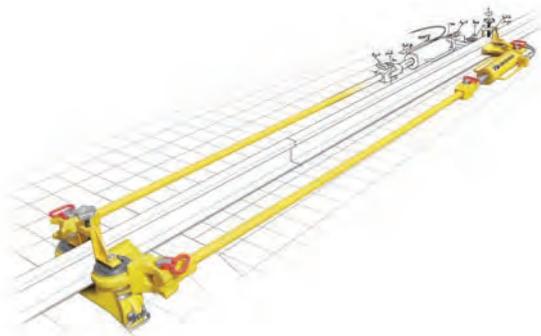
T1 Light weight Rail Tensors

T2 Rail Crow

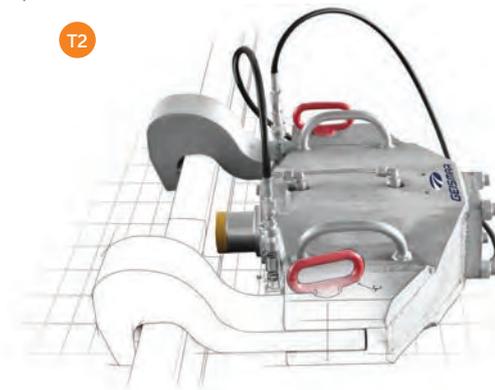
T3 Switch Blade Hydraulic Bender

T4 Destress rollers - Custom made to meet NZ Health and Safety requirements

T1



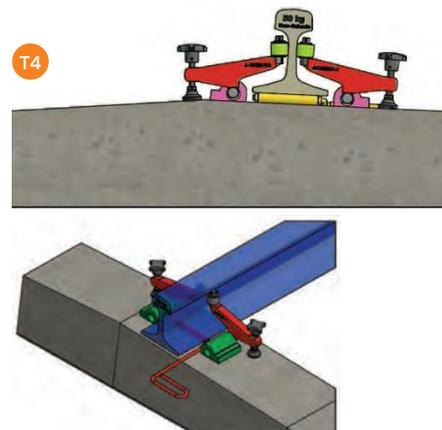
T2



T3



T4



Tensors, Benders, Crows

IMG REF Description

T5 Horizontal Rail Bender

T6 Vertical Rail Joint Bender

T5



T6



Track Jacks

IMG REF Description

T7 Hydraulic Track Jack

T8 Manual Ratchet Jack

T9 Low Height Toe Jacks

T7



T8



T9



Track Jacks

IMG REF Description

T10 Bottle Jacks

T11 Air Over Hydraulic Jacks

T10



T11



Trolleys and Platforms

IMG REF Description

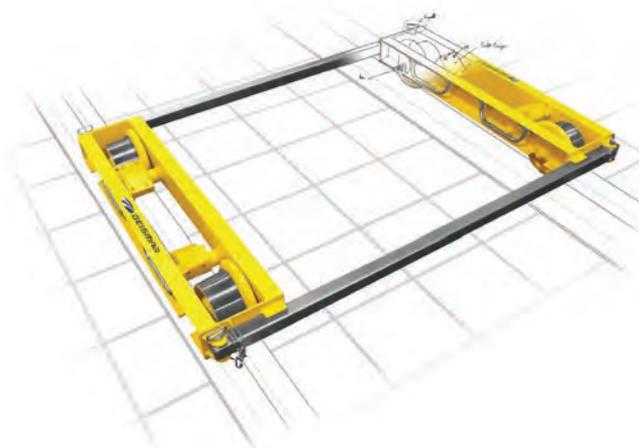
T12 Wide range of trolleys and platforms including powered and Braked

T13 Damaged Bogie Rescue Trolley

T12



T13



Trolleys and Platforms

IMG REF Description

T14 Hydraulic Rail Lifter

T15 Self Propelled Trolley



Vehicles

IMG REF Description

V1 Road-rail Service Vehicle



Welding

IMG
REF Description

W1 Range of weld shears, hand pump or external supply

W2 Flash-butt Rail Welding Machine

W3 Robotic Welders

W4 Track Welding Road-rail Vehicle



Winches

IMG REF	Description
W5	Lifting Winch
W6	Portable Capstan Winch
W7	10 Ton Cable Winch

W5



W6



W7



HTC Merchandise

IMG REF Description

X1 Unisex T-Shirt

X2 Mug

X1



X2



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.



NOTES

NOTES



SPECIALISED TOOLS
AND EQUIPMENT

- SALES • HIRE
- CALIBRATION
- SERVICE

AUCKLAND

31 Andrew Baxter Drive, Airport Oaks
T (09) 271 0800



CHRISTCHURCH

31 Epsom Road, Sockburn
T (03) 341 0040

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