

the oilyrag

THE GOOD OIL ON TOOLS

Valid April - May 2016 • ISSUE #90



Bay Engineers Supplies recently supplied a Sumitomo Paramax helical/bevel reduction drive at the Motokaraka flood control scheme. The above images show the installation at the plant, which was commissioned in 1972 and is maintained by Hamish Browne of Mechanical NZ Ltd for the Waikato Regional Council. The gearbox has a 50:1 ratio and produces 207,000 Nm Torque.

The Archimedes screw is 13ft in diameter and 12 meters long and can shift approximately 100,000 gallons/minute. It services 8 farms with 10 kilometres of drainage canals over 9000 acres of run off down to 4000 acres of flatland. It transfers the water from the canal into the Maramarua stream which flows into the Whangamarino stream and then into the Waikato River.

For all enquiries, please email: powertransmission@bayeng.co.nz

100% NEW ZEALAND OWNED AND OPERATED

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Engineers
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COMPETITION Find the hidden bearings throughout the magazine. Fax or email your contact details to: Oily Rag Competition email oilyrag@bayeng.co.nz or fax: 07 575 0381. All correct entries go into the draw to win a 24W LED Portable Work Lamp. (See page 10 for conditions). Entries close 17th MAY 2016. Congratulations to Jeff Howard, winner of the AUTO DARKENING HELMET. There were 28 bearings in the last issue.



TAG 2 ADHESIVE LUBRICANT – 400ml

- Lubricates and protects gears, sprockets, chains and sliding parts in industrial applications
- Excellent resistance to fling-off at high speeds and temperatures
- Resistance to cold, hot and salt water wash-off
- Evaporates quickly, 15 seconds before it sets as a tacky oily film
- Reduces noise and vibration
- High load capacity
- Wide Temperature Range from -25°C to +165°C
- MPI Approved C12



CRC 3312
\$13⁵⁰

\$15.53 incl GST

PENETR8 HI SPEED PENETRANT - 500ml

- An industrial strength low viscosity lubricant and penetrant
- Quickly loosens and frees seized, bound or frozen fasteners
 - Safe on metals and most plastics, rubbers and paints
 - Improves performance and operating efficiency
 - Temperature Range up to 120°C
 - Extreme penetrating action
 - Inhibits corrosion
 - White and Translucent variants



CRC 5501
\$11⁰⁰

\$12.65 incl GST

RTV NEUTRAL CURE SILICONE - 310ml

- Neutral cure, non-corrosive
- Permanently flexible
- 100% RTV silicone
- Excellent adhesion
- Translucent



ADOS

ADOS 8360
\$9³⁰

\$10.70 incl GST

CO CONTACT CLEANER – 500ml

- Non-corrosive, non-staining and contains no lubricants
- A stable, inert high-purity cleaning solvent for electrical & electronic equipment
- Provides rapid & complete evaporation
 - MPI approved C12



CRC 2016
\$16⁹⁵

\$19.49 incl GST



FOOD GRADE SILICONE GREASE

- For use on O-rings, seals and other rubber and plastic parts
- Seals, lubricates, protects, insulates, waterproofs
- A thin non-curing silicone grease
- Chemical, oil and water resistant
- Will not harden, freeze, dry or melt
- Temperature range -40°C to +200°C
- MPI approved C15 & NZ AsureQuality approved incidental contact



75ml – CRC 3037

\$9⁰⁰

\$10.35 incl GST

500ml – CRC 3039

\$36³⁰

\$41.75 incl GST

FOOD GRADE CHAIN LUBE - 340gm

- Foaming action for outstanding penetration and coverage
- A special blend of mineral oil and synthetic additives
 - Non-drying film penetrates, lubricates and protects chain and conveyor systems
 - Resists wash-off and sling-off
- For use in food and other clean environments where incidental food contact may occur
 - Temperature range -20°C to +170°C
 - MPI approved C15 & NZ AsureQuality approved incidental contact
 - NSF H1 Registered



CRC 3091
\$17⁴⁵

\$20.06 incl GST

5.56 INDUSTRIAL

- A high performance variant of CRC 5.56 fortified with PTFE for improved lubrication performance
- Non-flammable making it safe for industrial applications
- Performs extremely well when frequent start/stop or alternating movements occur
 - Temperature range from -10°C to +200°C



Aerosol 550ml – CRC 5003
\$10³⁰
\$11.85 incl GST

Trigger 500ml – CRC 5016
\$11⁸⁰
\$13.57 incl GST

4L – CRC 5007
\$39⁷⁰
\$45.66 incl GST

20L – CRC 5012
\$182⁰⁰
\$209.30 incl GST

FLAW FINDER KIT

3 step process cleaner, dye & developer kit for detecting cracks in welded joints & integrity testing of engineering components.

- Non hazardous with low sulphur and halogen content
- Non-staining and washes off easily with water
- Fast positive detection of surface flaws
- MPI & AsureQuality approved



ROCOL RY642543

\$59⁹⁰

\$68.89 incl GST



METAL POLISH – 1kg

- World famous winner of international awards
- For all metal surface types
- Cleans, shines & protects
- Brilliant high gloss finish



FREE 75ml METAL POLISH



AUTOSOL 1
\$53⁵⁰

\$61.53 incl GST

MECHANICS VICES

- Acme twin start thread for a smooth and fast wind
- Unbreakable iron nut can be replaced when worn
- Safety stop prevents slide separating from body
- Fully machined on all load-bearing surfaces
- Replaceable hardened steel jaws
- Cast from top quality grey iron



100ml – RECORD NO.T3
125ml – RECORD NO.T5
150ml – RECORD NO.T6

FROM \$113⁴⁰ EACH

\$130.41 incl GST



4PC HOOK & PICK SET

Each hook and pick is made of high carbon polished steel and is permanently attached into a sturdy plastic handle

- Ideal for separating wires, removing small fuses, "O" rings, retrieving washers and loose parts too small to pick up with fingers



ULLMAN ULPSP4

\$31⁴⁰

\$36.11 incl GST

7PC CUTTER & PIN KIT

Encased in a strong, durable carry case, this set is made up of 5 cutters and 2 pilots.



FREE 1L CUTTING FLUID

The Cutting Fluid is of the highest quality that is acceptable to the worlds leading hole making company



ROTABROACH 2000

\$154⁰⁰

\$177.10 incl GST



SCREW EXTRACTOR SET

- Removes broken studs, set screws, pipe and Alemite fittings
- Features undercut flutes for more positive grip
- Made in USA



EXTRACTOR KD720

\$34³⁰

\$39.45 incl GST

BRASS & STEEL SHIM ASSORTMENT

CA32 – Brass Shim Stock
• 6 sheets (150mm x 150mm)
IWL CA32

\$32⁰⁰

\$36.80 incl GST



Steel Shim Stock
• 6 sheets (150mm x 150mm)
IWL CA34

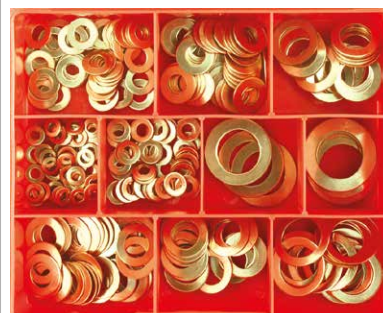
\$27⁴⁰

\$31.51 incl GST



260PC COPPER WASHER ASSORTMENT

- 10 Sizes: 5mm to 24mm I.D.
- Thickness: 1mm
- 260 Pieces
- Metric



IWL CA1660

\$106⁷⁰

\$122.71 incl GST

PROERGO POCKET TAPE



- Triple-riveted end hook
- Top control speed lock holds blade securely
- Ergonomically designed case for comfortable grip
- Nylon coated blade for added maximum protection
- Thick high carbon steel blade for maximum blade extension
- Class II accuracy printed blade, controlled by precise equipment

3m x 16m - KOMELON 3320
 5m x 19m - KOMELON 3325
 8m x 25m - KOMELON 3330
 10m x 25m - KOMELON 3335



FROM \$9.50 EACH

\$10.93 incl GST

C-HOOK WRENCH



Features hinged jaws allowing the wrench head to fit to parts of varying sizes within a range

- Used to tighten, loosen or hold machinery
- Ideal for automotive, industrial, plumbing and hardware applications
- Manufactured from drop forged vanadium steel for longevity and durability

3/4-2" - TOLEDO 315150
 1 1/4-3" - TOLEDO 315151
 2-4 3/4" - TOLEDO 315152



FROM \$26.50 EACH

\$30.48 incl GST

NUT SPLITTER SET



Comprehensive kit designed for the removal of rusted, seized or stubborn nuts safely and without damage to the stud or bolt

- Flat round head designed for hard to reach areas
- Manufactured from drop forged vanadium steel
- 4 piece set



TOLEDO 301285

\$78.00

\$89.70 incl GST

BOLT CUTTERS



High tensile drop forged steel jaws for durability under extreme conditions with two-stage heat treated and ground jaws

- Optimal performance for cutting low tensile material
- Cam adjustments for quick jaw alignment
- Centre cut for general purpose use

355mm - RECORD TBC914
 460mm - RECORD TBC918
 610mm - RECORD TBC924



FROM \$60.30 EACH

\$69.35 incl GST



HEX CROW BAR

- Standard pattern chisel and point crow bars
 - 30mm Hex section 1750mm length CROWBAR TW9009

LIGHT CROW BAR

- Standard pattern chisel and point crow bars
 - 25mm Hex section 1750mm length CROWBAR TW9025

BENT AND STRAIGHT CHISEL END CROWBAR

- Heavy duty with bent chisel and straight chisel ends
 - 30mm Hex section 1750mm length CROWBAR TW9045

BENT CHISEL AND POINT END CROWBAR

- Heavy duty with bent chisel and point chisel ends
 - 30mm Hex section 1750mm length CROWBAR TW9055



FROM \$47.60 EACH

\$54.74 incl GST



COMPOUND ACTION SNIPS

- Self-opening action for fast, effortless feed
- Non-slip, textured grips and safety latch
- Withstands strain of cutting heavy stock
 - Cuts low carbon cold rolled steel



Red - WISS AM-1R
 Green - WISS AM-2R
 Yellow - WISS AM-3R

\$41.30 EACH

\$47.50 incl GST



FOLD UP BALL END SETS

The fold up handle is comfortable to hold, 40% stronger than steel and will not rust or corrode

- Ball End inserts into a screw at a 25° angle
- Tools open from both the top and bottom
 - Patented spacers between tools
 - World's strongest handle
 - Molded-in 90° stop



3/16-3/8" - AK 12894
 5-10mm - AK 12897

\$21.70 EACH

\$24.96 incl GST



OUTSIDE CALIPER

- Divider points are hardened for increased wear resistance
- Legs pivot on a roller and are tensioned by a bow spring
 - Large bearing surface prevents side deflection of legs
 - Calipers have a spring joint for precision settings
- Manufactured from selected steel



100mm - GROZ GZ01411
 150mm - GROZ GZ01412
 200mm - GROZ GZ01413
 250mm - GROZ GZ01414
 300mm - GROZ GZ01415

FROM \$11.00 EACH

\$12.65 incl GST

E1M METRIC HSS DRILL SET

- 12 piece set
- Industrial quality
- 1.0-6.0mm x 0.5mm rises
- High speed steel
- Black Jet finish
- Ideal for drilling ferrous metals such as steel stainless steel, high tensile steel, alloy tool steels and cast iron
- Made in New Zealand



NO.E1M
\$25⁷⁰

\$29.56 incl GST

E2M METRIC COBALT DRILL SET

- 19 piece set
- Industrial quality
- 1.0-10.0mm x 0.5mm rises
- Cobalt alloyed high speed steel
- For drilling materials that have high hardness and tensile strength such as cast iron, bronze, hardened steel and stainless steel



NO.C E2M
\$153⁹⁰

\$176.99 incl GST

SCD1 CENTRE DRILL SET

- 5 piece set
- Made from HSS
- 60° Stepped point
- For general purpose use
- Plain Type #1, #2, #3, #4, #5



NO.SCD1
\$41⁹⁰

\$48.19 incl GST

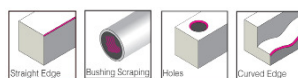


SIMPLY SOPHISTICATED



MULTI BURR 4-IN-1 TOOL

- Universal deburring set with multi-purpose blades
- Will help to provide the perfect finish for a wide variety of jobs
 - Includes S10 blade, D50 scraper blade, N2 blade and Rotodrive countersink blade
- Works best on aluminium, steel and plastic



NNOGA NORG1000
\$69⁰⁰

\$79.35 incl GST

MAGNETIC BASE

- For use with dial gauges, etc
- Powerful magnetic base with ON/OFF switch and a fine adjustment screw for quick accurate settings
- Precision ground surface



KINCROME K5602
\$32⁰⁰

\$36.80 incl GST



DIAL INDICATOR METRIC

- Reading 0 - 100 in metric graduations
 - Fitted with back lug
- Supplied in fitted plastic box

Diameter 55mm
Range: 0 - 10mm
Graduations: 0.01mm

KINCROME K5604
\$55⁰⁰

\$63.25 incl GST

COMBINATION PUNCH SETS

- 36 piece set
- Includes A-Z, 0-9 and the symbol '&'
- Manufactured from chromium tool steel
- Suitable for marking material up to 30 Rockwell 'C'
- Hardness is reduced at the striking end to reduce brittleness when being hit
- Tough plastic storage box
- Available in 3mm or 6mm



3mm - PUNCHSET EPS3603
6mm - PUNCHSET EPS3606

FROM \$70⁴⁰ EACH

\$80.96 incl GST



T-SLOT CLAMP

- Attachable to workbench
 - Unique single-hand operated pliers
 - Pressure Pad Diameter 30mm
 - Max Clamping 2500 N
- Ideal for gripping, clamping, turning and twisting
- Constructed of high-grade heat-treated alloy steel

SCANGRIP GR13
\$64⁰⁰

\$73.60 incl GST

SWIVEL TRIGGER START GAS TORCH

- Suitable for MAP & Propane fuel
- 36° swivel targeted heat output
- Swirl flame durable construction
- Adjustable targeted heat output
- Solid brass regulator



BERNZ GAST-TS839TK

\$1077⁰

\$123.86 incl GST

**TALL BOY GAS CYLINDER
MAP-Pro – 400g**

- Ideal for medium to heavy soldering & brazing
- Flame temperature in air – 1900°C
- Use only with torches designed for Mapp gas

BERNZ GASC-MG9

\$216⁰

\$24.84 incl GST

Propane – 400g

- Ideal for general soldering
- Flame temperature in air – 1600°C
- Only use with torches designed for Propane gas

BERNZ GASC-TX9

\$20⁰⁰

\$23.00 incl GST



BERNZOMATIC

6-IN-1 MICRO TORCH BUTANE KIT

- Large solder tip for pre-tinning wire terminal ends
- Fine point solder tip for detailed electrical soldering
- Precision flame for detailed applications / use
 - Chisel point tip for electrical soldering
 - Hot blower for shrink wrapping wires
 - Adjustable flame control knob
- Use with Butane fuel only



BERNZ TST250K

\$62⁸⁰

\$72.22 incl GST

70AMP SUPER CUT PLASMA CUTTER

This powerful 3 phase machine with HF start and heavy duty Cebora style torch produces exceptional cutting capacity on all metals

- Digital display and adjustable post gas ensure long consumable life
- Cuts up to 20mm steel and 8mm alloy
 - Over and under voltage protection



WELD SC70C

\$1705⁵⁰

\$1961.33 incl GST

210 AMP GAS/GASLESS MIG WELDER

The heavy duty transformer and chassis design ensure that this gas/gasless MIG welder is ready for rugged workshop environments

- Welds from thin panel steel up to 8mm
- Automatic thermal overload protection
- Takes up to 15kg wire spools
- Forced air cooling

weldtech

**BONUS
AUTO HELMET**



WELDER BW-MIG210

\$895⁵⁰

\$1029.83 incl

weldtech

180 AMP INVERTER MIG WELDER

- 3m Euroconnect torch with earth lead and regulator
- Lightweight and robust construction - only 9.8kg
 - 180 amp gas/gasless inverter MIG welder
 - Stepless voltage and wire speed control
 - Heavy duty metal wire feed



WELDER XM180PRO

\$715⁵⁰

\$822.83 incl GST

210 AMP ARC INVERTER WELDER

This welder packs a serious punch and is ideal for welders with more demanding requirements

- LED display for precision control of current
- Over and under voltage protection
- Single phase, 230V input power
- High open circuit voltage (72V)
- Compact, efficient and robust
- Robust metal housing
- Hot start, anti-stick



**BONUS
5KG PACK OF GP
ELECTRODES +
BEANIE**



WELD XI210BARC

\$535⁵⁰

\$615.83 incl GST



200 AMP TIG/ARC INVERTER PULSE WELDER

The digital control panel allows for easy setup and exceptional results on mild steel, stainless steel, cast iron, copper or titanium

- Easy to use digital control panel, HF start, up/down slope, adjustable pulse frequency and 2T/4T
 - Robust, compact and efficient
 - Self saving and recall function
 - 10 - 200A DC TIG and MMA



WELDER XTP200PRO

\$1255⁵⁰

\$1443.83 incl GST

6 LED WORK LIGHT

Industrial grade ABS body with a 10 metre beam distance and 60 Lumen light output

- 165mm Length x 30.5mm Width
- Water & impact resistant
- Batteries included
- Magnetic base
- 14 hour runtime
- Pocket clip

CAT CT10300

\$19⁵⁰

\$22.43 incl GST



POCKET PANEL LIGHT

Industrial grade ABS body with a 10 metre beam distance

- 9 LED Floodlight with 80 lumen output
- 5 LED Spotlight with 45 lumen output
 - 104mm Length x 55mm Width
 - Water & impact resistant
 - 10 – 15 hr runtime
- Batteries included
 - Pocket clip
 - Magnet

CAT CT50550

\$29⁴⁰

\$33.81 incl GST



FOCUSING TACTICAL FLASHLIGHT

Aircraft grade aluminium body with 3 Position switch (High, low, strobe) 220 Lumen light output

- 171.5mm H x 34.3mm W x 38mm D
- Water & impact resistant
- CREE® LED technology
- Up to 6.0 hr runtime

CAT CT2400

\$65⁸⁰

\$75.67 incl GST



LOW PROFILE WORK LIGHT

Rugged aluminium and ABS body with 150 Lumen light output includes a ratcheting hook

- Flood beam illuminates a wide area
 - 10.0in H x 1.25in W x 1.25in D
 - New SMD LED technology
 - Water & impact resistant
 - Up to 10.0 hr runtime

CAT CTBARA

\$46⁰⁰

\$52.90 incl GST



2 X LED FLASHLIGHT COMBO

Contains: 146mm pocket flashlight and 228mm flashlight

- Water & impact resistant
- Aircraft grade aluminium
 - Hand tether
 - Pocket clip

CAT CT123552P

\$116⁰⁰

\$133.40 incl GST



FOCUSING HEAD LAMP

Aircraft grade aluminium body with 3 Position switch (High, low, strobe) 220 Lumen light output

- 76mm H x 63.5mm W x 63.5mm D
- Water & impact resistant
- CREE® LED technology
- Up to 7.0 hr runtime

CAT CT4200

\$65⁸⁰

\$75.67 incl GST



HIGH POWER LED FLASHLIGHT

Rugged ABS body with 3 Position switch (High, low, strobe) 115 Lumen light output

- Weather resistant power switch cover
 - 5.0in H x 1.5in W x 1.5in D
 - Water & impact resistant
 - Up to 3.0 hr runtime

CAT CTRACK

\$23⁸⁰

\$27.37 incl GST



CIRCULAR COLD-CUT SAWS

Circular Cold-cut Saws are designed to provide fast, economical metal cutting of all types and shapes of steel with a precision, burn-free milled finish. They have fully supported gears, balanced and adjustable pivot point. Features include:

- Rapid action, self centering vice
- Enclosed guarding
- Variable mitre cutting (0-45c)
- Blade coolant system
- Heavy duty construction



Single Phase – GARRICK 0275 Three Phase – GARRICK 0350

\$1999⁹⁹

\$2299.99 incl GST

\$4450⁰⁰

\$5117.50 incl GST

3/16" AIR RIVETER

- Ideal for aluminium and steel rivets up to 3/16"
- Supplied with four riveting nozzles and two spanners
- Trigger operated rivet with hardened steel jaw assembly and rivet shaft safety cap



FREE 118ml AIR TOOL OIL



AMPRO A3706

\$179⁵⁰

\$206.43 incl GST

1200W ANGLE GRINDER

Powerful and robust angle grinder with highest power density in its class for quick work progress

- Tool-free adjustable guard; twist-proofed
- Gear housing can be installed at 90° steps for left-handed operation or for cutting
- Auto-stop carbon brushes to protect the motor
- Paddle switch with dead man function



METABO WP12-125Q

\$404⁶⁰

\$465.29 incl GST

BELT DRIVE COMPRESSOR

The AC13 are ideal for the serious home/shed project and will even power a small workshop

- Provides ample air supply to operate most tradesman's air tools
 - A 50 litre tank capacity
 - 10cfm displacement
 - 125psi max pressure



FREE AIR COMMAND BEANIE

AIRCOMMAND AC13

\$715⁵⁰

\$822.83 incl GST

DIRECT DRIVE COMPRESSOR

A lightweight, very portable single phase compressor, easily handled by one person

- Suitable for running nailing and stapling machines
 - Powerful 2.5HP motor/pump unit
 - A 50 litre tank capacity



FREE AIR COMMAND BEANIE

AIRCOMMAND AC101

\$395⁰⁰

\$454.25 incl GST

1/2" Dr AIR IMPACT WRENCH

- Bottom exhaust directs air away from work surface
 - Heavy duty fibre composite body for durability
 - Twin hammer mechanism design for high torque performance
 - Massive 750ft/lb or Torque
 - Lightweight design



FREE 118ml AIR TOOL OIL



AMPRO A3640

\$420⁷⁰

\$483.81 incl GST

5.2 AH CORDLESS DRILL KIT

- Kit includes
 - 1 x Impact Drill
 - 2 x Battery packs
 - 1 x Plastic carry case
 - 1 x Charger ASC 30-36 V "Air Cooled"



METABO SB18LTXBL

\$824⁶⁰

\$948.29 incl GST

18.0V PREMIUM HIGH TORQUE DRIVER DRILL

RFC (Reactive Force Control) - A new safety function that senses bit grab, and reduces the power output to avoid twisting users wrist.

- No. 1 in Class High Power Torque 136Nm
- New robust aluminium gear-case
- 2 x 6.0Ah Li-Ion Batteries
- Industry Leading - Ultra Fast Smart Charger (6.0Ah - 38min)



HITACHI DS18DBL2GY

\$699⁰⁰

\$803.85 incl GST



18.0V PREMIUM IMPACT WRENCH

- Max torque: 250Nm
- 1/2" square drive
- Selective striking mode – continuous and burst
- 4-stage electronic power selector plus variable speed and reverse
- Supplied without batteries, charger and carry case



BRUSHLESS

HITACHI WR18DBDLNN

\$289⁰⁰

\$332.35 incl GST

115mm ANGLE GRINDER

High performance 840W motor with high overload Durability and strong alloy gearbox

- Slide switch (on side of tool body)
- Ergonomically angle side handle
- Includes carry case



HITACHI G12SN

\$120⁰⁰

\$138.00 incl GST

230mm UVP ANGLE GRINDER

Hitachi's user vibration protection technology, making it the most comfortable option for prolonged tasks

- 3-position side handle with easy to operate trigger switch
- Auto-stop brushes for maximum motor protection
- Low profile head for access into confined areas
- Supplied with a shock absorbing side handle
- Powerful 2400W motor



HITACHI G23SEY

\$355⁰⁰

\$408.25 incl GST

18.0V HIGH TORQUE IMPACT WRENCH

- Compatible with ALL Hitachi 18V slide batteries
- Supplied without batteries, charger and carry case
- Powerful tightening/loosening torque, 480Nm max torque
- 1/2" square drive
- Convenient rocker switch for one-handed forward/reverse control



HITACHI WR18DSSLNN

\$349⁰⁰

\$401.35 incl GST



125mm BRUSHLESS SAFETY ANGLE GRINDER

High performance Brushless motor delivers more power, higher torque and longer run times

- Anti-Kickback & overload protection
- Anti-Vibration soft grip side handle
- Non-lockable Paddle switch
- Supplied without batteries, charger and carry case



BRUSHLESS

HITACHI G18DBALNN

\$239⁹⁹

\$275.99 incl GST



IMPACT DRILL

A powerful 690w motor and tough alloy gearbox means this tool can handle the workload

- Quick 'impact' – 'non impact' switching
- Variable speed by trigger and dial
- 2-speed gearbox plus reverse
- 13mm keyed chuck



HITACHI DV18V

\$209⁰⁰

\$240.35 incl GST

MULTI 20 WET & DRY VACUUM

The perfect machine for picking up messes and spills with a semi automatic filter cleaning system

- Large wheels and front castors for easy transportation
- Uses fleece bags for dry and wet applications
- 5 metre electric cable and 2 metre hose
- Heavy duty washable polyester filter
- Easy storage of accessories
- Quick park function



Nilfisk
Waterblasters & Vacuums

NILFISK MULTI120

\$213⁰⁰

\$244.95 incl GST

1.07m/42" Professional Creeper with Adjustable Headrest

- Features six castor wheels 75mm/3" Ø x 20mm
- 4 Point adjustment on headrest for best angle of comfort
- Reinforced tubular steel frame for strength and durability
- Extra dense padding with thick quilted vinyl for maximum comfort
- Load Limit: 114Kgs

HBW 647582



\$96.50

\$110.98 incl GST

24W LED Portable Work Lamp

- Ultra bright,
- Cool to touch
- 2000 Lumens
- IP54 rated
- Sturdy metal frame
- Adjustable tilt angle

HBW EKS0134



\$110.00

\$126.50 incl GST

11pc Metric Ring & Open End Spanner Set

- Features 15° offset open end
- Includes 8, 10, 12, 13, 14, 16, 17, 18, 19, 22, 24mm

HBW WC7024

BONUS HAT



\$54.50

\$62.68 incl GST

Bonus Product #DOS6005

10pc 'Go-Through' Screwdriver Set

- 'Go-Through' shaft absorbs impact, providing greater striking force
- Includes Phillips, Slotted, Robertson

HBW WSS5012

BONUS TOOL



\$59.99

\$68.99 incl GST

Bonus Product #CKS0264

3/4" Dr 27pc Combination Socket Set

- Sockets: (12pt Std) 22mm to 50mm, 7/8" to 2"
- Accessories: Ratchet, Extensions, Sliding T Bar

HBW KB6103

\$245.00

\$281.75 incl GST

1/2" Dr 23pc Metric ZEON Socket Set

- Patented design sockets, grips tighter as they turn
- Ideal for standard, rusted, damaged & rounded bolts
- Includes Zeon Sockets 10mm to 32mm
- Ratchet, Extensions, Universal Joint, 3-Way Adaptor

HBW KBT3890

Bonus Product #941322H

BONUS TOOL



\$147.00

\$169.05 incl GST

COMBO: Garage Jack & Axle Stands

3 Ton Powerbuilt Garage Jack:

- Lifting range 138mm to 495mm

3 Ton Powerbuilt Axle Stands:

- Support range 286mm to 425mm

HBW SJG0801

\$236.50

\$271.98 incl GST



1/2" Dr 22pc Impact Driver with Assorted Bits

- Use to loosen rusted or over-tightened fasteners
- Reversible, can be used left or right direction
- Includes 1/2" Impact Driver, 1/2" Dr (F) to 5/16" Bit ad (F) Impact rated 5/16" bits 36mm & 80mm Phillips, Slotted, Torx

HBW WBT0436

\$58.00

\$66.70 incl GST

NEW PRODUCT



1/2" Dr 44pc Combination Socket Set

- 1/2" Dr (12pt Std) Sockets 10mm to 36mm, 1/2" to 1 1/8"
- Drive Accessories: 1/2" Dr Ratchet, Spark Plug Sockets, Extensions, Power Bar, Sliding T Bar, Universal Joint

HBW KBT2768

Bonus Product #LLS2255

BONUS TOOL



\$175.00

\$201.25 incl GST

Don't be fooled! ZEON can be used as an everyday Socket. The special ZEON feature is an extra benefit, so when you get stuck with rusted, rounded or 85% damaged bolts then this set will be there to get you through those tough times. ZEON tightens as it turns.

BARK SAFETY SPECTACLES

The UniSafe Bark Hut Eye protectors spectacles are multi-functional



- Lightweight and comfortable
- Can be worn for general eye wear
- Certified to AS/NZS1337.1:2010
- Clear and smoke lens available



FREE CLIP ON DUST GUARD!

Clear – SNN077CDG
Smoke – SNN077SDG

\$990EACH

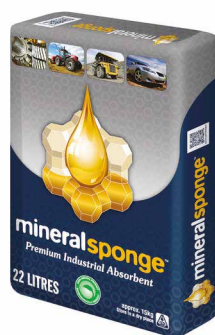
\$11.39 incl GST



MINERAL SPONGE

Apply liberally over spill and wait until petroleum/chemical is completely absorbed. Sweep up and dispose of according to hazardous goods recommendation

- Multi-purpose liquid and vapour absorbent
- Absorbs acids & alkalis, vapours & fumes oils and chemicals



OIL DRY 22
\$1630

\$18.75 incl GST

MAGNETIC SWEEPER PICK-UP



- Quick release allows quick & easy removal of ferrous objects
- Pick up metal shavings & other ferrous objects up to 14kg
- Extra long reach gets into confined areas that other pick up tools can't



PICKUP TQ1167

\$8530

\$98.10 incl GST



PRO SERIES DOUBLE SIDED STEP LADDER

All aluminium components anodized for corrosion resistance and lower retention of dirt and grime

- The steps are fastened to the side rails with solid aluminium rivets
- Extra strong spreader bars and foot covers
- 180kg rated, exceeding AS/NZS standards
- 3-piece rung joint system
- Lifetime warranty



LADDER INPROS6D

\$24500

\$281.75 incl GST

ELECTRICAL LOCKOUT KIT

- Personal safety lockout pouch containing:
- 1 x 410RED Zenex™ padlock
- 1 x 7C5RED circuit breaker padlock
- 1 x 420 lockout hasp
- 1 x 491B Grip Tight™ circuit breaker lockout device for tall or wide toggles
- 2 x 493BGrip Tight™ circuit breaker lockout devices for standard single and double size toggles
- 1 x Bag (12/Pack) Danger Do Not Operate lockout tags



LOCKOUT MP1456E410

\$17500

\$201.25 incl GST

EMERGENCY STOP REMOVABLE LOCKOUT



- Fits both 22.5mm and 30.5mm diameter switches
- Base plate stays on allowing for quick application
- Clear cover allows for easy identification
- Includes one cover, one new install base and one retrofit base with double-faced adhesive tape



LOCKOUT MP2151

\$2310

\$26.57 incl GST

THERMOPLASTIC SAFETY PADLOCK

Designed specifically for safety lockout/tagout applications



- Tall body for easy labelling
- Thermoplastic body
- 6mm shackle
- Key retaining
- Can be engraved
- Master security key system



PADLOCK MP411BLU

\$1610

\$18.52 incl GST

ENERGY IDENTIFICATION TAG

- Identify the specific energy source to be locked out
- Electrical, gas, pneumatic, steam, water, also control panel and valve



TAG MPTAG

\$2170

\$24.96 incl GST

JETFIRE INDUSTRIAL DIESEL HEATERS

NEW PRODUCT

Diesel Direct Fired Industrial Portable Heater

- Fan forced for superior heat distribution
- Stainless steel combustion chamber
- Built in thermostat
- LED Readout (excludes DC17)



17kw **\$600.00** \$690.00 incl GST
 30kw **\$800.00** \$920.00 incl GST
 50kw **\$940.00** \$1,081.00 incl GST

Jetfire Diesel portable heaters and dryers are specifically designed to provide an instant, reliable and efficient source of heat to the industrial, agricultural, commercial and construction sectors.



NEW PRODUCT

Diesel Radiant Industrial Portable Heater

- Heat-resistant stainless steel heat plate
- Cooling down fan system upon shut-off
- Motion Sensor
- Built in thermostat
- Plastic fuel tank
- LED Readout



16kw **\$800.00**
 \$920.00 incl GST

Model	Fuel Consumption rate		Heating output		Tank Capacity	Effective heating area	Burn Time
	L/hr	Kw	Btu/h	L/hr	M2	Hr	
JETFIRE DI16	1.94	16	60,000	12	132	6.2	
JETFIRE DC17	1.7	17	70,000	19	130	11	
JETFIRE DC30	3	30	125,000	38	232	12	
JETFIRE DC50	5.3	50	210,000	49	430	9	

FUSION WELDING HELMET



- Mask painted in Zytel in high heat resistant polyamide
- Variable tint 5-8/9-13, auto darkening
- Fields of vision at 100 x 53mm
- Four independent sensors
- Lightweight: 247 grams
- Standards: EN166 and EN175



Fusion+

BOLLE 02693505
\$14700
 \$169.05 incl GST