

# Misal Technologies Pty Ltd

A.B.N. 28 006 314 629

ELECTRICAL AND MECHANICAL ENGINEERS (Est. 1980)



**ASSORTMENT OF MISAL SURPLUS MECHANICAL & IRRIGATION EQUIPMENT  
OFFERED AT SUBSTANTIALLY REDUCED PRICES**

## **SALE SPECIALS**

- **PART 1: Pages 4-7**  
PUMPS, BORE PUMP RETRIEVAL TOOLS & ACCESSORIES
- **PART 2: Pages 8-10**  
Mechanical items – Machinery Spares, V-Belts, HD Solid Steel Rack  
Water Boring DTH Drilling Bits, Sub Box x Box, Sub Pin x Box, Large Spanners, Retrieval Tool
- **PART 3: Pages 11-12**  
Electrical Items – 22kW & 5.5kW El. Motors, HD Federal Fuse Box,  
HD Wall Lights, Metal Enclosures, Large LV Power Distribution Board
- **PART 4: Pages 13 - 15**  
Workshop: Hand Tools, Machinery Tools & Accessories, Portable Hydraulic Oils Filtration Unit, RARI (Italy) Hand  
Press Hydraulic Pump, Assortment of Lathe Arbour Holding and Cutting Tools, Pedestal Horizontal Drill,  
McCulloch Log Splitter, SS Tank, Creeks Water Tank (in kit form); HD Professional Tripod
- **PART 5: Pages 15-17**  
Assortment of new Ryco Hydraulic Hoses and Grey Electrical Wiring Ducts,  
Electrical Cables for submersible Pumps, European Softwood Timber 135mm x135mm x 2.4m long, Assortment of  
new Hot Dipped Galv. Anchoring Rods with Eyelets, RHS Steel Sections
- **PART 6: Pages 17-20**  
New Billabong Hydraulic Water Rams – BBHWR #4, #5 & #7, Spare Parts for all BBHWRs Sizes, Invitation for  
BBHWRs Distributorship Opportunity
- **PART 7: Pages 20-22**  
Assortment Irrigation Fittings and materials – 3" ACME, 4" Pope Couplings,  
1" Galv. Riser Pipes, Aluminium Tees, Elbows, Crosses, Hose Tails, 1 ¼" & 1 ½" Galv. Foot Valves; Philmac ½" &  
¾" PVC Risers, Aluminium Stop Ends
- **PART 8: Page 22 - 23**  
Water Boring Drilling Equipment & Items  
DTH Concave Hammer Bits 10", 8", 7", 6", 4"; Sub Box x Box, Sub Pin x Box, Spanners, Retrieval Tool
- **NOTES: Pages 23-24** (Items availability, Discount Note, Photographs, Other Electrical Items available,  
Reference to Misal two Websites for additional Surplus Items Specification & photographs viewing)

### **Enclosed:**

- **Document 13159** – Misal Surplus Equipment – Mechanical – Flyer and Specifications (3.53Mb) 5 Pages
- **Document 13161** – Misal Surplus Equipment – Irrigation – Flyer and Specifications (3.19Mb) 5 Pages
- **Document 13162** – Misal Surplus Equipment – Drilling items – Flyer and Specifications (1.28Mb) 3 Pages
- **Document 15613** – Misal Surplus Equipment – Photographs Selection (818kB) 4 Pages
- **Document 7504 @** - Billabong Hydraulic Water Rams Sizes #3 to #7 line up 1 Photo
- **Document 7509 @** - Billabong Hydraulic Water Ram No.5 1 Photo
- **Document 12172 @** - Billabong Hydraulic Water Rams (BBHWRs) Flyer 2012 (Updated) 3 Pages
- **Document 6549 @** - Billabong Hydraulic Water Rams No.5 & No.7 – Ready for Shipment 1 Photo
- **Document 15598 @** - Billabong Hydraulic Water Rams - Distributorship Business Opportunity 1 Page

**All the above listed enclosed items with the Misal Surplus Equipment Listing Document 15595 Rev.1 @ are  
zipped into Document 15614 @.Zip (12.04.2023)**

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## **ASSORTMENT OF MISAL SURPLUS MECHANICAL & IRRIGATION EQUIPMENT OFFERED AT SUBSTANTIALLY REDUCED PRICES**

### **CONTENT:**

#### **Part 1: Pumps & Accessories (Pages 4-7)**

(Centrifugal, Vertical, Bore and Submersible Pumps, Bore Pumps Retrieval Tools)

- MSL 133 – CRN8-120 Grundfos Vertical Multistage Pump with Electrical Motor Assembly
- MSL 179 – 140MC Thompson Kelly Lewis (TKL) Multistage Turbine Bore Pump, 10 Stage
- MSL 375 – Model 70 Kelly Lewis Centrifugal Pump
- MSL 620 – Model B620 Mono Lift Borehole Pump Drive Head
- MSL 397 – Model DM8 Worthington Simpson Hydraulic Centrifugal Pump,  
415V 3 Phase 14.5A 2,900 RPM Pump Size 1 ½"
- MSL 544A – Franklin 4" Bore Pump with Electrical Motor
- MSL544 & MSL 560 – Bore Pumps Retrieval Tools (pipe Grabber & Fishing Tool)
- MSL 547 – DB Thompson Kelly Lewis (TKL) Multistage Turbine Bore Pump, 5 Stage
- MSL 876 – Model 4-BC20 Lowara Submersible Pump with Brevita (Italy) Electrical Motor, 240V  
Including separate listed Accessories
- MSL 889 – 2KS, Series 10143T Ajax Centrifugal Pump fitted with Electrical Motor on a  
metal Base. Base welded using 10mm U Channels

#### **Part 2: Mechanical Items (Pages 8-10)**

- MSL 556 – New Fenner Flexible Coupling, F Series
- MSL 681 – New Pair of Brake Shoes Type 1252-1 +1/16, Suitable for Army Blitz Truck
- MSL 692 – Large Assortment of New Dunlop V-Belts – Qty 17  
(Several V-Belts are of large size)
- MSL 896 – Lathe 40/TR-1000 SAFOP (Italy) – Large Qty of Spare Parts (Hard to obtain):
  - ✓ Double Clutch
  - ✓ Assortment of Spare Parts

#### **Part 3: Electrical Items (Pages 11-12)**

- MSL 144 – New 22kW (30 HP) Stone Platt (Mc Coll – MEZ) electrical Motor  
400/440V 50Hz 39/36.5A 2985 RPM IP 54
- MSL 396A – 5.5kW 3 Phase 415V 10.8A 1435 RPM Electrical Motor fitted onto a metal Base
- MSL 546A – 2kW 240V 10.2A 2,800 RPM SS Casing; Suitable for Lowara Submersible Pump
- MSL 725 – Original H.D. Outdoor Federal Electrical Fuse Box (3x20A Fuse Base and Cartridges)
- MSL 872 – New Metal Electrical Enclosure 500x150x530mm (WxDxH)
- MSL 873 – Large Electrical Power Distribution Board with Circuit Breakers:
  - ✓ 3 Phase CB's 415V 10A – Qty 6
  - ✓ Single Pole CB's 415V Current – Refer Note on Page 12 – Qty 33

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## **ASSORTMENT OF MISAL SURPLUS MECHANICAL & IRRIGATION EQUIPMENT OFFERED AT SUBSTANTIALLY REDUCED PRICES - CONTENT / Cont.:**

### **Part 4: Workshop, Hand, and Machinery Tools**

#### **& Accessories (Pages 13-15)**

- MSL 121 – Assortment of CNC Machine / Lathe Arbor Holding & Cutting Tools  
Qty 15 Items
- MSL 165 – New Rp-30C, 700 Bar RARI Press – Hand Pressure Hydraulic Pump (Italy)  
With Flutec Khb Pressure Ball Valve, Hydraulic Hose & Fittings
- MSL 886 – Pedestal Horizontal Drill Fitted on a Steel bench
- MSL 887 – ML 500 Mc Culloch Log Splitter
- MSL 890 – Metal Machining steel Bench with Horizontal Chuck, Gear Box & Sump Pump
- MSL 896 – Portable Hydraulic Oil Filtration Unit, 240V AC

### **Part 5: Materials (Pages 15-17)**

- MSL 208 – SAE 1000 R4 – 20MDA Ryco SR20 HP Flame Resistant Hydraulic Hoses  
Size 1 ¼" – Qty 5 Rolls approx. 20m/Ea
- MSL 477 – Assortment of Grey Plastic Wiring Ducts, Various Sizes, Qty 17 - 2m lengths
- MSL 506 / Msl 508 – 415V Flat Electrical Cable for Submersible Pumps,  
3Cx2.5mm<sup>2</sup> (152ft) & 3Cx1.25mm<sup>2</sup> (167ft)
- MSL 697A – European Softwood Timber 135x135x2000mm, new condition – Qty 8 lengths
- MSL 772/MSL 880 – Assortment of new Hot Dipped Galvanized Anchoring Rods with Eyelets  
Rod OD 20mm; Various lengths, Qty 29
- MSL 960 – Rectangular Hollow Section (RHS) Steel lengths. Sizes:
  - a) 130x50x3mm – 1.7m long; Qty 2
  - b) 150x50x3mm – 2.2m long; Qty 2

### **Part 6: Billabong Hydraulic Water Rams (BBHWRs) (Pages 17-20)**

- BBHWR #4 – Approx. Water Supply Capacity 15 – 35 Gal/Hr; Weight 35kg
- BBHWR #5 – Approx. Water Supply Capacity 30 – 70 Gal/Hr; Weight 54kg
- BBHWR #7 – Approx. Water Supply Capacity 100 – 200 Gal/Hr; Weight 171kg
- 15598 © - 03.04.2023 – Misal Billabong Hydraulic Water Rams (BBHWRs) – Distributorship Invitation

### **PART 7: IRRIGATION MATERIALS AND FITTINGS (Pages 20-22)**

Assortment Irrigation Fittings and materials – 3" ACME, 4" Pope Couplings,  
1" Galv. Riser Pipes, Aluminium Tees, Elbows, Crosses, Hose Tails, 1 ¼" & 1 ½" Galv. Foot Valves; Philmac ½" &  
¾" PVC Risers, Aluminium Stop Ends

### **PART 8: WATER BORING DRILLING EQUIPMENT, ITEMS & ACCESSORIES (Pages 22 - 23)**

#### **NOTES:**

- **NOTE 1:** (Page 23)
  - ✓ Items availability subject to prior sales & confirmation
  - ✓ Discount available for larger qty purchase, with details available on request
  - ✓ Most of the listed Items in this document have photographs provided for viewing on our following Misal Websites: [www.misaltech.com](http://www.misaltech.com) & [www.billabongwaterram.com](http://www.billabongwaterram.com).
  - ✓ Additional Photographs and Specifications are provided in the various listed Enclosed documentation – refer Page 1 of this document.
- **NOTE 2:** (Page 24)
  - ✓ Other Electrical Equipment & Items available – further details are provided on our above referenced websites, with full Items details available on request

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## **ASSORTMENT OF MISAL**

## **SURPLUS MECHANICAL & IRRIGATION EQUIPMENT**

### **PART 1 – PUMPS & ACCESSORIES:**

#### **Ref: MSL 133**

#### **GRUNDFOS VERTICAL MULTISTAGE SS PUMP & ELECTRICAL MOTOR ASSEMBLY – QTY 1 - NEAR NEW CONDITION**

Grundfos Vertical Multistage transfer pump – Model CRN8 -120; Approx. delivery 7,980 L/hr @ 111m head (Approx. dimensions: 680 mm long; Diameter 170 mm); Inlet 2", outlet 2"; Directly FLANGE coupled to 3 PHASE Western Electrical - Motor model M112MKD2-75 (Approx. dimensions: 470 mm long, diameter 220 mm), 415V, 50Hz, 4kW, 7.7A, 2870 rpm; Motor has Explosion proof rating ExdI/iIB T5; IP54; Complete Unit Gross Weight approx. 74 kg; Second hand Unit - Mechanically - near new condition, had a very light use only.

Bargain Offer – Replacement cost over \$5000.

Manufacturer's Brochures: 11341 & 11342

Photographs:

MSL 133.1; MSL 133.2; MSL 133.5; MSL 133.7; 10347; 10348 (6 Photographs)

#### **Ref: MSL 179**

#### **KELLY & LEWIS MULTISTAGE TURBINE BORE PUMP – NEW CONDITION – QTY 1**

Kelly Lewis 10 stage Vertical Turbine line shaft Bore Pump; Model 140MC – Approx. Duty 12 l/sec @ 118 m head; Other duties also available; Pump absorbed power 15kW; Required electrical motor size 18kW for the nominated duty; Driven by Drive Head on surface and Line shafts (Not part of sale); Turbine Pump Body diameter 132mm, Overall length 1,960mm, SS shaft 25mm diameter, Strainer length 370mm; Very heavy Unit.

Full performance specification available on request; the pump has been used only once for Bore testing; near new condition. **THIS UNIT IS OFFERED AT A BARGAIN PRICE - CURRENT REPLACEMENT COST \$35,200.**

Note: For the Pump system operation, the Turbine Pump is connected by set of line shafts inside column to the surface Drive head (Not part of the sale).

Photographs:

Photographs: MSL 179.1 - MSL 179.5 (5 Photographs)

#### **Ref: MSL 375**

#### **KELLY & LEWIS CENTRIFUGAL PUMP; MODEL 70 – QTY 1; SECOND HAND**

KELLY LEWIS Centrifugal Pump Model 70; Size 1 ¼" – 12"; Good condition with discharge flanged outlet repaired (broken during relocation), Was working satisfactorily before; Duties: 30 m<sup>3</sup>/hr @ 80 m head (2,900 rpm); Or 18 m<sup>3</sup>/hr @ 25 m head (1,450 rpm).

**THIS IS A BARGAIN PRICE OFFERED - CURRENT REPLACEMENT COST \$5,800.**

Other performance characteristics possible – refer to the pump performance characteristics; Full Specification and performance curves available on request; second-hand Unit.

Photographs: MSL 375.3; 10262; 10263; 10899 (4 Photographs)

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## **ASSORTMENT OF MISAL**

## **SURPLUS MECHANICAL & IRRIGATION EQUIPMENT**

### **PART 1 – PUMPS & ACCESSORIES / Cont.:**

#### **Ref: MSL 397**

##### **HIGH PERF. - 5000 PSI HYDRAULIC C/F PUMP**

##### **DM8 WORTHINGTON SIMPSON HYDRAULIC CENTRIFUGAL PUMP**

HIGH PERFORMANCE HYDRAULIC C/F PUMP DIRECTLY COUPLED WITH 10HP EL. MOTOR

- Model DM8 Worthington Simpson Hydraulic Centrifugal Pump  
415V 3 Phase 14.5A 2,900 RPM Pump Size 1 1/2"

HAS BEEN USED PREVIOUSLY FOR HYDRAULIC POWER DISTRIBUTION OIL PIPING NETWORK, DELIVERING HYDRAULIC OIL AT 5000 PSI PRESSURE; ELECTRICAL MOTOR DATA: 415V, 3 PHASE, 14.5A, 2,900 RPM; PUMP SIZE 1 1/2" DM8; OUTLET 35 mm, INLET 50 mm; SECOND HAND; GOOD CONDITION

Photograph: MSL 397

#### **Ref: MSL 544A**

##### **FRANKLIN 4" BORE PUMP WITH ELECTRICAL MOTOR - QTY 1**

Franklin 4" Submersible Bore Pump with electrical motor – designated for 4" Bore Pump installation; Unit dismantled for inspection; Easy to assemble; Second hand

Photographs: MSL 544A.1; MSL 544A.2; MSL 544A.3 (3 Photographs)

#### **Ref: MSL 544 & MSL 560**

##### **BORE PUMP RETRIEVAL TOOLS - QTY 2**

- MSL 544 – Pipe Grabber
  - ✓ Overall Length 1270mm
  - ✓ Retraction Play 460mm
  - ✓ Grab opening 4" diameter
  - ✓ Heavy Duty Eyelet Hook with 60mm opening; 16mm thickness

Photographs: MSL 544.1 – MSL 544.4 (4 Photographs)

- MSL 560 – Fishing Hooks
  - ✓ Overall Length 690mm
  - ✓ 12mm OD arm with 2 Hooks
  - ✓ Grab opening 4" diameter

Photographs: 15555; 15556; 15559; 15579; 15580 (5 Photographs)

#### **Ref: MSL 547**

##### **KELLY & LEWIS MULTISTAGE TURBINE BORE PUMP – GOOD CONDITION – QTY 1**

K&L Turbine Pump, 5 Stage; Type D.B.; Line shaft drive; overall length 930mm; very heavy unit, Second-hand Unit. The Turbine Pump has been used only once for a short period of time whilst testing a water bore supply capacity.

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## **SURPLUS MECHANICAL & IRRIGATION EQUIPMENT**

### **PART 1 – PUMPS & ACCESSORIES / Cont.:**

Approx. Duty: 6l/sec @ 7m head (2900 rpm); 23m<sup>3</sup>/Hr; Other duties also available.  
Equivalent to 130LC model.

Pump absorbed power approx. 7kW. Full Specification available on request, good condition.

THIS IS A BARGAIN PRICE OFFERED –  
CURRENT REPLACEMENT COST MORE THAN \$8,500.

Photographs: MSL 547.1 – MSL 544.5 (5 Photographs)

### **Ref: MSL 622**

#### **MONO PUMP – BORE PUMP DRIVE HEAD**

Mono Lift Borehole Pump Drive Head

Model B620 with 4xV Pulley

Old model still in good condition and ready to be used

Second-hand Unit.

Photograph: MSL 622

### **Ref: MSL 876**

#### **LOWARA SUBMERSIBLE PUMP**

#### **TYPE 4 - BC 20 COUPLED WITH BREVITTA (ITALY) ELECTRICAL MOTOR:**

Pump Details:

- Type 4 - BC20
- Max. Head: 133m
- Max. volume delivery: 6m<sup>3</sup>/Hr
- RPM 2830

Electrical Motor Details:

- Manufacturer: Brevitta, Italy
- 240V
- 10.8A

The Submersible Pump has been installed in a Bore, however not used due to water salinity level. The Pump is in a near new condition. Overall length 154 cm, diameter 80mm

THIS IS A BARGAIN PRICE OFFERED - CURRENT REPLACEMENT COST \$5,800.

Separate Optional Accessories (Will separate):

- 1 1/4" Poly - approx. 36m
- 4.15mm diameter Security SS Steel Cable, approx. 45m long
- Electrical cable to suit above Submersible Pump - 2C E - Approx. 36m
- Separate Earth cable - approx. 36m
- Bore Top Steel cover 230x212x13,2 mm (WXDXT) assembly fitted with:

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## **ASSORTMENT OF MISAL**

## **SURPLUS MECHANICAL & IRRIGATION EQUIPMENT**

### **PART 1 – PUMPS & ACCESSORIES / Cont.:**

#### 1 1/2" Gal. Fittings

(Unless specified otherwise):

- ✓ 1x Elbow
- ✓ 1x Socket
- ✓ 2x Nipple
- ✓ 1x Tee
- ✓ 1x Bush
- ✓ 1x Reducing Nipple 1 1/2" - 1 1/4"
- ✓ 1x 1 1/2" Gate Valve
- ✓ 1 1/4" Gal. Socket
- ✓ 1 1/4" Brass End Connector for Poly
- ✓ Security SS Cable termination Lugs (2x)

Photographs:

MSL 876.4 - MSL 876.10; 11527; 11529; 11559; 11560 (11 Photographs)

### **Ref: MSL 889**

#### **AJAX CENTRIFUGAL PUMP SET 2KS, SERIES 10143T**

##### ADDITIONAL DETAILS:

- COMPLETE ELECTRICAL MOTOR - PUMP SET WITH 6.6" IMPELLER FITTED ONTO A METAL BASE
- DIRECTLY COUPLED VIA FLEXIBLE COUPLING
- PUMP PERFORMANCE: 100 GAL/Min @ 11 m HEAD (64.5% EFFICIENCY)
- TECO ELECTRIC MOTOR D90S, HB 2303 1132; 1410 RPM, 4.7A / 2.7 A, 220/250 - 380 / 440 V
- METAL BASE APPROX. DIMENSIONS:
  - ✓ LENGTH 670 mm
  - ✓ WIDTH 230 mm
  - ✓ HEIGHT 75 mm
- BASE MATERIAL: U CHANNEL, 10 mm THICK; BASE HAS 4 MOUNTING FLATS FOR MOUNTING TO CONCRETE FOUNDATION WITH OPENING HOLES FOR 10 mm DYNABOLTS
- SUCTION SIDE - FITTED WITH 2" GALVANIZED FITTINGS:
  - ✓ ELBOW, NIPPLE, AND FLANGE WITH 4 BOLTS, NUTS AND WASHERS
- DELIVERY SIDE: FITTED WITH 2" GALVANIZED FITTINGS:
  - ✓ ELBOW, NIPPLE, AND FLANGE WITH 4 BOLTS, NUTS AND WASHERS
  - ✓ TEE / NIPPLE WITH CAP
- SECOND HAND (MSL 889)

Photographs: MSL 889.1 - MSL 889.4 (4 Photographs)

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## **ASSORTMENT OF MISAL**

## **SURPLUS MECHANICAL & IRRIGATION EQUIPMENT**

### **PART 2 – SPARE PARTS - MECHANICAL:**

#### **Ref: MSL 523**

##### **NEW H.D. UNIVERSAL SOLID STEEL SUPPORT STAND – Qty 18**

PROFESSIONALLY MADE – HEAVY DUTY UNIVERSAL STEEL SUPPORT STAND

NEW - WITH 8.2mm ANCHORING PLATE; PLATE DIMENSIONS: 150x120x8.2mm (WxDxH) WITH 4 x 7.6mm HOLES TO ANCHOR THE PLATE; UPRIGHT IS A U CHANNEL 52X25X5.3mm; 910mm HIGH WITH 2X12.4mm HOLES AT THE TOP; CREAMY COLOUR (HAMMER PAINT); WILL SPLIT IF REQUIRED – PRICE \$55/Ea. for Qty <10.

Photo: MSL 523.1; MSL 523.2 (2 Photographs)

#### **Ref: MSL 556**

##### **NEW FENNER FLEXIBLE COUPLING – F SERIES**

FENAFLEX FLEXIBLE RUBER COUPLING WITH A SET OF 2 BUSHES

- APPROX. BUSHINGS DIMENSIONS:
  - ✓ SIDE A - OD 78 mm, ID 35 mm
  - ✓ SIDE B - OD 86 mm, ID 30 mm
- COUPLING HAS 6 BOLTS
- RUBBER THICKNESS APPROX. 65 mm
- Comprising of two steel flanges 185mm OD and two bushings on either side
- DESIGNATION 1A7 170 & PA7 170 (MSL 556)
- APPLICATION:
  - COUPLING SUITABLE FOR USE TO CONNECT C/F PUMP AND ELECTRICAL MOTOR SHAFTS
- NEW FLEXIBLE COUPLING OFFERED - HAS NOT BEEN USED BEFORE
- Replacement value approx. \$ 550.00
- OFFERED AT SUBSTANTIALLY DISCOUNTED PRICE. (MSL 144)

Photographs: MSL 556.1 - MSL 556.3 (3 Photographs)

#### **Ref: MSL 603**

##### **H.D. WORKSHOP COMBINED STEEL SHELVING AND CABINET UNIT**

PROFESSIONALLY MADE, VERY HEAVY & SOLID STEEL RACK AND CABINET UNIT  
IDEAL APPLICATION FOR LARGE WORKSHOP OR FARM SHED

- APPROX. OVERALL DIMENSIONS 3.54x0.97x2.54m (WxDxH)
- FRAME MADE OUT OF 75x35mm U CHANNELS
- TWO LEVELS OF STORAGE SHELVING (3.54m LONG)
- WITH 660 AND 670mm VERTICAL SPACING RESPECTIVELY
- LOCABLE CABINET
- APPROX. CABINET DIMENSIONS 1.8x0.97x1.21m (WxDxH)
- CURRENT REPLACEMENT COST OVER \$4,900
- A SOLID AND VERY HEAVY UNIT
- EXCELLENT CONDITION

Photographs: MSL 603.1; MSL 603.2 (2 Photographs)

**Price: \$2,950.00**

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## **SURPLUS MECHANICAL & IRRIGATION EQUIPMENT**

### **PART 2 – SPARE PARTS – MECHANICAL / Cont.:**

#### **Ref: MSL 681**

##### **ARMY BLITZ TRUCK -**

##### **PAIR OF NEW BRAKE SHOES**

Type 1252-1 + 1/16

New; Overall with 355mm, thickness 14mm; radius height 105mm) Height from both Pad ends (zero level)

Photographs: MSL 681.1 - MSL 681.7 (7 Photographs)

#### **Ref: MSL 692**

##### **LARGE ASSORTMENT OF NEW DUNLOP V BELTS**

I.E. Dunlop max power v belt; Dunlop match power wedge belts; Antistatic oil & heat resistant; Several V Belts are of very large size; All belts are new unused Approx. qty 17.

THIS IS A BARGAIN PRICE OFFER - CURRENT REPLACEMENT COST MORE THAN \$5,500.

Some of the listed types:

a)5V-1600; C148C3810.

b)5V-1900SPB 4820LW.

c)C276; C7060.

d)B173 B4430 etc.

Photographs: MSL 692.1; MSL 692.2; MSL 692.3 & MSL 692.4 (4 Photographs)

#### **Ref: MSL 715**

##### **ENGINE TEMPERATURE GAUGE**

Engine temperature gauge; 40 - 120-degree Celsius temperature range; Made by Grimek

- With sensor probe and approx. 2m long sensing wire
- Near new condition

Photographs: MSL 715.1; MSL 715.2 & MSL 715.3 (3 Photographs)

#### **Ref: MSL 717**

##### **GRIMEK ILLUMINATED GAUGE AMPERMETER**

New Grimek illuminated gauge Ampere meter; +/- 60A; suitable for in-dash fitting (cars, trucks, tractors, or engines) with 6 or 12V systems; shows generator / alternator charge including defective generator / alternator; loose drive belts

Photographs: MSL 717.1; MSL 717.2 (2 Photographs)

#### **Ref: MSL 896**

##### **SAFOP (ITALY) NEW DOUBLE CLUTCH AND SPARE PARTS FOR**

##### **LEONARD 40/TR-1000 LATHE – RARE SPARE PARTS AVAILABILITY**

DOUBLE CLUTCH COMPLETE WITH DISCS FOR HEADSTOCK - APPROX. TOTAL WEIGHT 12.5 kg

- SUITABLE FOR LEONARD - 40/TR-1000 LATHE (ITALY) OR EQUIVALENT LATHE, COMPLETE LATHE CLUTCH WITH DISCS

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### **SURPLUS MECHANICAL & IRRIGATION EQUIPMENT**

#### **PART 2 – SPARE PARTS – MECHANICAL / Cont.:**

- SUITABLE FOR LEONARD - 40/TR-1000 LATHE (ITALY) OR EQUIVALENT LATHE, COMPLETE LATHE CLUTCH WITH DISCS
- ADDITIONAL SPARES:
  - ✓ QTY 10 BRONZE DISCS (CODE 6254501)
  - ✓ QTY 12 STEEL DISCS (CODE 004/069/0007)
  - ✓ QTY 2 RUBBER MEMBRANES
- ALL SPARES ARE NEW FOR THE ABOVE DOUBLE CLUTCH
- CURRENT REPLACEMENT COST APPROX. USD 8,500
- THESE SPARE PARTS ARE HARD TO SOURCE AND ARE BEING OFFERED AT A SUBSTANTIALLY REDUCED PRICES FOR A QUICK SALE
- REASON FOR DISPOSAL - NO FURTHER USE FOR THE SPARE PARTS AS THE SAFOP (ITALY) LEONARD 40/TR – 1000 LATHE HAS BEEN SOLD SOME TIME AGO

Photographs: MSL 896.1 - MSL 896.7 (7 Photographs)

## **ASSORTMENT OF MISAL**

### **SURPLUS MECHANICAL & IRRIGATION EQUIPMENT**

#### **PART 3: ELECTRICAL ITEMS:**

##### **Ref: MSL 144**

##### **STONE PLATT (McCOLL – MEZ) 30HP NEW ELECTRICAL MOTOR**

##### **ADDITIONAL DETAILS:**

- 3 Phase; 3 Phase; 15kW / 30HP
- 400/440 V; 39/36.5A; 50 Hz
- 2985 RPM
- Foot mounted
- IP54
- Has not been used before
- New electrical condition, not used before , held in storage for long period of time.
- Replacement value approx. \$2,850
- OFFERED AT SUBSTANTIALLY DISCOUNTED PRICE

Photographs: 11618; MSL 11619; 12060 (3 Photographs)

##### **Ref: MSL 327**

##### **WALL LIGHTS, 240V (INTERNAL OR EXTERNAL APPLICATION)**

Bargain Price \$500/Qty 20

240V Wall lights with metal shield / cover; Ideal for use where light is required to be directed to a specific dedicated area only; very solid construction (Aluminum extrusion) ; with In-build Switch; will separate & sell lesser quantity if required; Larger quantity also available if required; internal or external application; bulbs not supplied; second hand.

Photographs: MSL 327.1 & MSL 327.2 (2 Photographs)

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A.B.N. 28 006 314 629

ELECTRICAL AND MECHANICAL ENGINEERS (Est. 1980)

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## **ASSORTMENT OF MISAL**

## **SURPLUS MECHANICAL & IRRIGATION EQUIPMENT**

### **PART 3: ELECTRICAL ITEMS / Cont.:**

#### **Ref: MSL 396A**

#### **5.5kW ELECTRICAL MOTOR & PULLEY**

#### **FITTED ONTO RHS BASE**

5.5kW Electrical Motor (3 Phase; 415V, 10.8A; 1,435 rpm) with Pulley; Fitted on a RHS Steel Base; Base dimensions: 925 x 620 mm (RHS 30X60 mm); Motor Pulley 3xV Section; Diameter 134 mm

#### **Notes:**

- V Belt excluded
- Electrical Motor located on the photograph behind the Southern Cross C/F Water Pump (Not part of this offer).

Photograph: MSL 396A.1

#### **Ref: MSL 546A**

#### **2kW ELECTRICAL MOTOR FOR LOWARA 4" BORE PUMP - QTY 1 – BARGAIN PRICE**

2 kW Electrical Motor for Lowara Electrical Bore Pump – designated for 4" Bore Pump installation; Electrical Motor Data: 240V; 10.2A; 2,800 RPM. SS Casing; Second-hand Unit.

Photographs: MSL 546A.1; MSL 546A.2 (2 Photographs)

#### **Ref: MSL 725**

#### **ORIGINAL H.D. OUTDOOR FEDERAL ELECTRICAL FUSE BOX**

3 PHASE, 500V, 20A

#### **CONSISTING OF:**

- EXTERNALLY CONTROLLED MANUAL SWITCH (WITH CONTROL LEVER OUTSIDE THE BOX)
- 3x20A FUSE BASE & CARTRIDGES
- ALL FITTED ONTO HD STEEL PLATE BASE
- FUSE BOX APPROX. DIMENSIONS 305X255X100mm (WxDxH)
- SOLID STEEL ENCLOSURE WALL THICKNESS APPROX. 2.8mm
- GOOD WORKING CONDITION (MSL 725)

Photographs: MSL 725.1 - MSL 725.5 (5 Photographs)

#### **Ref: MSL 872**

#### **NEW METAL ELECTRICAL ENCLOSURE / CABINET (QTY 1)**

METAL ELECTRICAL ENCLOSURE CABINET FOR POWER DISTRIBUTION BOARD OR SIMILAR APPLICATION

- WITH A SET OF 2 KEYS
- DIMENSIONS: 500x150x530mm (WxDxH)
- VENTILATION OPENINGS ON BOTH ENCLOSURE SIDES
- SUITABLE FOR A NUMBER OF OTHER APPLICATIONS WHERE A LOCKABLE CABINET IS REQUIRED
- NEW ENCLOSURE NOT USED BEFORE

Photographs: MSL 872.1 - MSL 872.3 (3 Photographs)

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## **ASSORTMENT OF MISAL**

## **SURPLUS MECHANICAL & IRRIGATION EQUIPMENT**

### **PART 3: ELECTRICAL ITEMS / Cont.:**

#### **Ref: MSL 873**

#### **LARGE ELECTRICAL LV POWER DISTRIBUTION BOARD**

COMPRISES OF THE FOLLOWING CONFIGURATION:

- MAIN ISOLATING SWITCH
- QTY 6 - 3 PHASE CIRCUIT BREAKERS (415V, 10A)
- QTY 33 SINGLE POLE CIRCUIT BREAKERS 415V  
*Note: The single Pole Circuit Breakers are either 10A OR 15A RATING  
UNABLE TO READ AS THE UNIT IS AT PRESENT IN A CRATE)*
- DISTRIBUTION BOARD DIMENSIONS: 460x170x1320mm (WxDxH)
- SECOND HAND – VERY GOOD CONDITION (MSL 873)
- Replacement value \$4,500+

Photographs: MSL 873.1 - MSL 873.10 (10 Photographs)

## **ASSORTMENT OF MISAL**

## **SURPLUS MECHANICAL & IRRIGATION EQUIPMENT**

### **PART 4: WORKSHOP - Hand & Machinery Tools; Accessories**

#### **Ref: MSL 121**

#### **ASSORTMENT OF ARBOR HOLDING AND CUTTING TOOLS**

Arbor Holding Tools and Cutting Tools for Collets. Majority of Holding and Cutting Tools from USA.

Very Good condition – Total Qty 15 Items

NOTE: Length of holding tools given in mm bellow:

- 1) Bristol 200mm BM 37050/16M D09
- 2) Alenite (USA) 260mm 50M / BMB2™
- 3) Alenite (USA) 300mm 50MBB - 28, 6 - 74
- 4) Alenite (USA) 330mm 50MBB - 3, 7 - 74
- 5) Alenite(USA) 245mm 50MBB - 6 (VERY BIG HEAD)
- 6) Alenite (USA) 320mm V5 cm 15ZG
- 7) UNKNOWN 235mm; HEAD DIA 85mm
- 8) Alenite (USA) 295mm length 50MBB - 26, 6 – 74
- 9) Alenite (USA) 260mm 50BB2 (TM)
- 10) AB 7 195mm 65mm head
- 11) Alenite (USA) 100mm DIA 50MBB - 5, 7 - 74, BIG HOLDER
- 12) Alenite (USA) 360mm 50MBB - 4,™; DIA 75mm
- 13) Unknown brand 295 mm
- 14) Cutter CK8 75mm 6172 - 4, 210mm
- 15) Cutter S27 - 4, 170mm, SH, ISO P30; DIA 115mm

Replacement cost \$4,500+

Second hand

Photographs of individual items available on request

Photographs: MSL 121.1 - MSL 121.6 (6 Photographs)

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## **ASSORTMENT OF MISAL**

## **SURPLUS MECHANICAL & IRRIGATION EQUIPMENT**

### **PART 4: WORKSHOP - Hand & Machinery Tools; Accessories /Cont.:**

#### **Ref: MSL 165**

RARI PRESS - HAND PRESSURE, HYDRAULIC PUMP (ITALY)

Made in Italy, Type Rp-30C; 700 Bar; New Condition; Complete with Flutec Khb High Pressure Ball Valve (500 Bar; 7500 Psi); Hydraulic Hoses and Fittings

Photograph: MSL 165.1 – MSL 165.4 (4 Photographs)

#### **Ref: MSL 306**

**H.D. STAINLESS STEEL TANK – GOOD CONDITION - QTY 1**

H.D. SS Tank; Approx. Volume 382l; with reinforced legs & steel plate at the bottom.

Dimensions: 676x694x790 mm (WxDxH); 38 mm Discharge outlet at the bottom; Second-hand Unit.

Photographs: MSL 306.1 & MSL 306.2 (2 Photographs)

#### **Ref: MSL 522**

**CREEKS WATER TANK, IN KIT FORM UNASSEMBLED, NEW - QTY 1**

CREEKS Galvanized water tank - AQUALOCK model ATD 700; New Still in the original packing box unpacked; kit form, approx. seven hundred litres size; requires to be assembled.

Photographs: MSL 522.1 – MSL 522.7 (7 Photographs)

#### **Ref: MSL 886**

**PEDESTAL HORIZONTAL DRILL FITTED ON STEEL BENCH**

ADDITIONAL DETAILS:

- FITTED WITH 3 PHASE POPE 0.75 HP, ELECTRICAL MOTOR, 1390 RPM, 1.2A, 400/440V
- COMPL. WITH MANUAL EL. SWITCH & SQUARE D FOOT SWITCH DRILL
- CHUCK HEIGHT 105cm FROM FLOOR (MSL 886)
- GOOD WORKING CONDITION
- SECOND HAND

Photographs: MSL 886.1 - MSL 886.5 (5 Photographs)

#### **Ref: MSL 887**

**McCULLOCH LOG SPLITTER**

ADDITIONAL DETAILS:

- MODEL ML 500
- Electrical Motor 220 V, 50 Hz, 1.5 kw
- SPLITTING FORCE 5 TONNES
- LOG DIA. 50 - 250 mm Max.
- LOG LENGTH 520 mm Max.
- HYDRAULIC PRESSURE 20.5 MPa
- APPROX. NET WEIGHT 53 kg
- SPLITTER LENGTH 115 cm, WIDTH 22 cm & HEIGHT 45 cm

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## **ASSORTMENT OF MISAL**

## **SURPLUS MECHANICAL & IRRIGATION EQUIPMENT**

### **PART 4: WORKSHOP - Hand & Machinery Tools; Accessories / Cont.:**

- SECOND HAND
- NEW CONDITION
- HAS BEEN HARDLY USED AND IN STORAGE FOR A PERIOD OF TIME
- Power plug stolen during factory relocation
- Will need a service a full check-up prior use

Photographs: MSL 887.1 - MSL 887.5 (5 Photographs)

### **Ref: MSL 890**

#### **MACHINING BENCH / TABLE, WITH HORIZONTAL CHUCK, GEAR BOX AND SUMP PUMP**

##### **ADDITIONAL DETAILS:**

- 3 Phase Electrical Motor: ASEA Mbb7, 0.7 Hp, 870 Rpm, 400/420 V
- Gear Box Barlow Bros., 0.5 Hp, 128 Rpm
- Chuck Dia 110 mm
- Machining Table Approx. Dimensions: 720 mm (Width) x 315 mm (Depth)
- Steel Machining Table Stand - Approx. Dimensions:
  - ✓ Height 1100 mm
  - ✓ Width 840 mm
  - ✓ Depth 450 mm
- Unit has a Sump Pump for Collecting Used Cutting and Discarded Oil
- Collection Drum fitted underneath the Machining Table (MSL 890)
- SECOND HAND

Photographs: MSL 890.1 - MSL 890.6 (6 Photographs)

### **Ref: MSL 895**

#### **PORTABLE HYDRAULIC OIL FILTRATION UNIT CONSISTING OF:**

- KAYABA HYDRAULIC PUMP
- CROMPTON EL. MOTOR
- FILTER
- EL. SWITCH & EL. POWER CABLE
- SET OF HYDRAULIC HOSES WITH FITTINGS FOR SUCTION AND DELIVERY

##### **MAIN COMPONENTS DETAILS:**

- KAYABA HYDRAULIC PUMP MODEL 2P307 OC, 9L1 9910
- EL. MOTOR: CROMPTON PARKINSON PP 7264B.P, 0.75 HP, 1440 RPM. SINGLE PHASE, 240 VAC, 4.7 A, CLASS E (MSL 895)
- Replacement cost \$3,000+

Photographs: MSL 895.1 – MSL 895.6 (6 Photographs)

### **Ref: MSL 905**

#### **NEW SURVEYOR'S PROFESSIONAL HD TRIPOD**

A NEW - QUALITY SURVEYOR'S PROFESSIONAL H.D. TRIPOD ALSO SUITABLE FOR PHOTOGRAPHIC

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ELECTRICAL AND MECHANICAL ENGINEERS (Est. 1980)

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## **ASSORTMENT OF MISAL**

## **SURPLUS MECHANICAL & IRRIGATION EQUIPMENT**

### **PART 4: WORKSHOP - Hand & Machinery Tools; Accessories / Cont.:**

#### **CAMERAS: BARGAIN PRICE SET TO SELL**

HD, HIGH QUALITY PROFESSIONAL TRIPOD WITH THE FOLLOWING DETAILS:

- HAS SEPARATE HEIGHT ADJUSTMENT FOR EACH OF THE THREE LEGS, WITH DUAL LOCKING WING SCREWS
- ALL 3 LEGS ARE INTERCONNECTED WITH SECURITY BRASS CHAIN
- EACH LEG HAS LEATHER STRAPPING
- TRIPOD HEAD HAS A DOUBLE ROUND 2X6mm HD STEEL BASE PLATES WITH OD 160mm
- MIDDLE OF THE PLATE HAS 34mm GUIDE TUBE, 135mm LONG FOR INSERTION AND SECURING SURVEYING INSTRUMENT WHILST IN OPERATION
- TRIPOD NON-EXTENDED HEIGHT 800mm, HEIGHT WHEN FULLY EXTENDED 1240mm
- TRIPOD HAS LEATHER STRAPPING ATTACHED FOR CARRYING THE TRIPOD WHEN NOT IN USE (STILL IN THE ORIGINAL PACKING)
- NEW MINT CONDITION
- HAS NOT BEEN USED BEFORE
- TRIPOD ALSO SUITABLE FOR HEAVY PHOTOGRAPHIC CAMERAS
- TOTAL WEIGHT 6.7Kg
- MADE IN JAPAN
- OFFERED AT SUBSTANTIALLY DISCOUNTED PRICE - REPLACEMENT COST IN EXCESS OF USD 4,000.

Photographs: MSL 905.1 – MSL 905.10 (10 Photographs)

## **ASSORTMENT OF MISAL SURPLUS MECHANICAL & IRRIGATION EQUIPMENT**

### **PART 5: MATERIALS:**

#### **Ref: MSL 208**

#### **RYCO SR20 HP HYDRAULIC HOSES, FLAME RESISTANT**

QTY 5 Rolls - Size 1 1/4" RYCO SR20 Flame Resistant Hydraulic Hoses - Approx. length 20/Ea;  
Designation: SAE 1000 R4 - 20 MDA; High Pressure; New Hoses, have not been used before;  
Replacement Cost over \$1,750 / 5 Hose Rolls; Will separate if required at \$350/Roll (MSL 208)  
Photographs: MSL 208.1; MSL 208.2 (2 Photographs)

#### **Ref: MSL 477**

#### **ASSORTMENT OF NEW GREY WIRING DUCTS**

APPROX. DIMENSIONS (WxHxL) & QUANTITIES:

- QTY 4 - 80x60x2000 mm
- QTY 4 - 100x60x2000 mm
- QTY 9 - 55x25x2000 mm
- NEW, HAVE NOT BEEN USED BEFORE
- TOTAL: 17 LENGTHS (MSL 477)

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## **ASSORTMENT OF MISAL**

## **SURPLUS MECHANICAL & IRRIGATION EQUIPMENT**

### **PART 5: MATERIALS / Cont.:**

Photographs: MSL 477.1 - MSL 477.6 (6 Photographs)

#### **Ref: MSL 506 /MSL 508**

#### **ELECTRICAL CABLE FOR SUBMERSIBLE PUMP**

Electrical Cable (3 C; 415V); used for installation of electrical Submersible Pump

Item1: 3Cx2.5mm<sup>2</sup>; 7/0.790; Flat Cable; 152ft

Item2: 3Cx1.25mm<sup>2</sup>; 3/0.720; Flat Cable; 167ft

Photographs: MSL 506.1; MSL 506.2; MSL 508.1 & MSL 508.2 (4 Photographs)

#### **MSL 559**

#### **NEW MASONITE SHEETS - QTY 12**

NEW MASONITE SHEETS - QTY 12 - APPROX. DIMENSIONS: 920x1,220x6.5 mm (WxHxT); NOT USED;

#### **NOTE:**

THESE ARE NOT THE STANDARD 3.2 mm THICKNESS SHEETS – HOWEVER SUBSTANTIALLY THICKER - I.E. 6.5 mm THICKNESS.

WILL SPLIT FOR SMALLER QUANTITIES IF REQUIRED

a) Qty <5: \$23.00 / Ea

b) Qty <10: \$21.00 / Ea

Note: Previously designated as MSL 432

Photographs: MSL 559.1; MSL 559.2 (2 Photographs)

#### **Ref: MSL 697A**

#### **EUROPEAN SOFTWOOD TIMBER POSTS**

QTY 8 - EUROPEAN SOFTWOOD TIMBER; SUITABLE FOR POSTS, CONSTRUCTION OR FURNITURE

APPLICATIONS; KILN DRY; APPROX. DIMENSIONS: 135x135mm; all 2.3m LONG; NEW CONDITION;

SECOND HAND (MSL 697A) (MSL 726)

Replacement value \$560.

Photographs: MSL 697A.1 – MSL 697A.4 (4 Photographs)

#### **Ref: MSL 722 & MSL 880**

#### **ASSORTMENT OF NEW HOT DIPPED GALVANIZED ANCHORING RODS**

#### **WITH EYELETS; M20; QTY 29**

SET CONSISTING OF THE FOLLOWING LENGTHS:

- QTY 3 (215 mm)
- QTY 17 (260 mm)
- QTY 8 (330 mm) &
- QTY 1 (390 mm)
- IN TOTAL 29 GALVANIZED RODS

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## **ASSORTMENT OF MISAL**

## **SURPLUS MECHANICAL & IRRIGATION EQUIPMENT**

### **PART 5: MATERIALS / Cont.:**

#### GALVANIZED RODS EYELETS DIMENSIONS:

- OD 70 mm
- ID 34 mm

#### GALVANIZED ROD DIMENSIONS (OD 20mm):

- QTY 3 - 215 mm LONG
- QTY 17 - 260 mm LONG
- QTY 8 - 330 mm LONG &
- QTY 1 - 390 mm LONG

Photographs: MSL 722.1 - MSL 722.4; MSL 880.1 – MSL 880.3 (7 Photographs)

#### **Ref: MSL 960**

#### **Qty 4 RHS – Steel Sections**

- 130x50x3mm; 1.7m - Qty 2
- 150x50x3mm; 2.2m - Qty 2

Good condition, not used before

Photographs:

## **ASSORTMENT OF MISAL**

## **SURPLUS MECHANICAL & IRRIGATION EQUIPMENT**

### **PART 6: BILLABONG HYDRAULIC WATER RAMS (BBHWRs):**

#### **NEW BILLABONG HYDRAULIC WATER RAM - BBHWR #4**

Sold directly from the Manufacturer.

- Performance / Specification Details:
  - ✓ Discharge 15 - 35 Gallons per hour
  - ✓ Water Supply requirements 3 - 7 Gallons per minute
  - ✓ Weight 35kg
- This is a new BBHWR #4 Ram with a following manufacturer's Warranty:
  - ✓ 2 years on main parts (Base, Dome, Flanges - Exception being Flanges threads)
  - ✓ 12 months Warranty for other parts.
- GENERAL BACKGROUND INFORMATION:

This unique self-lubricating hydraulic Water Ram pump is capable of lifting water up to a height of 200 feet above a running water source (i.e. spring, creek) without the use of external power source. Where the water supply Drive Pipe fall exceeds the normal standard published 10% of the vertical elevation (Where the water via Delivery Pipe is being supplied), water lifting higher than the 200ft listed performance in our Leaflet, may be possible to achieve. The Australian made and designed original Billabong Hydraulic Water Ram (BBHWR) was developed in 1855 (i.e. some 167 years ago) and has been significantly improved over the years. It is a field proven Water Ram operating in Australia and the Pacific Rim Basin geographical area, with thousands of satisfied end users using the BBHWRs to their full satisfaction. The BBHWRs are one of the oldest Water Rams anywhere in the world and still being manufactured in Australia for domestic application and export to other Countries globally. The BBHWRs have an established an unparallel reputation and are considered an icon in the Australian Water supply

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## **ASSORTMENT OF MISAL SURPLUS MECHANICAL & IRRIGATION EQUIPMENT**

### **PART 6: BILLABONG HYDRAULIC WATER RAMS (BBHWRs):**

industry. In 2005, the BBHWRs celebrated their 150th anniversary. By way of demonstrating the BBHWRs longevity and reliability we can confirm that a third generation of farmers in Far Nth. Queensland has been using the BBHWRs for more than 100 years. There are not many other Products globally which can claim a similar history and operation reliability. The BBHWRs range consists of Ram sizes No. 3 to No. 7, and Ram No. 10, all being manufactured at our factory in Bayswater, VIC. 3153. For further performance details on our BBHWRs please refer to our Leaflet – Document 12172 © (12.01.2020) – available on request. (MSL- BBHWR No.4)

#### Photographs & Leaflet/ Specification:

- |                                                                                                                              |         |
|------------------------------------------------------------------------------------------------------------------------------|---------|
| • 1x <b>Document 7504 Rev.1</b> © (12.07.2014)<br>Billabong Hydraulic Water Rams Sizes #3 to #7 line up                      | 1 Photo |
| • 1x <b>Document 7509</b> © (18.07.2013)<br>Billabong Hydraulic Water Ram No.5                                               | 1 Photo |
| • 1x <b>Document 12172</b> © (12.01.2020)<br>Billabong Hydraulic Water Rams Flyer 2012 (Updated)                             | 3 Pages |
| • 1x <b>Document 6549</b> © (19.09.2011)<br>Billabong Hydraulic Water Rams No.5 & No.7 – Ready for Shipment                  | 1 Photo |
| • 1x <b>Document 15598</b> © (03.04.2023)<br>Billabong Hydraulic Water Rams (BBHWRs)<br>Distributorship Business Opportunity | 1 Page  |

### **NEW BILLABONG HYDRAULIC WATER RAM - BBHWR #5**

Sold directly from the Manufacturer.

- Performance / Specification Details:
  - ✓ Discharge 30 - 70 Gallons per hour
  - ✓ Water Supply requirements 6 - 14 Gallons per minute
  - ✓ Weight 54kg
- This is a new BBHWR #5 Ram with a following manufacturer's Warranty:
  - ✓ 2 years on main parts (Base, Dome, Flanges - Exception being Flanges threads)
  - ✓ 12 months Warranty for other parts.
- GENERAL BACKGROUND INFORMATION:

This unique self-lubricating hydraulic Water Ram pump is capable of lifting water up to a height of 200 feet above a running water source (i.e. spring, creek) without the use of external power source. Where the water supply Drive Pipe fall exceeds the normal standard published 10% of the vertical elevation (Where the water via Delivery Pipe is being supplied), water lifting higher than the 200ft listed performance in our Leaflet, may be possible to achieve. The Australian made and designed original Billabong Hydraulic Water Ram (BBHWR) was developed in 1855 (i.e. some 167 years ago) and has been significantly improved over the years. It is a field proven Water Ram operating in Australia and the Pacific Rim Basin geographical area, with thousands of satisfied end users using the BBHWRs to their full satisfaction. The BBHWRs are one of the oldest Water Rams anywhere in the world and still being manufactured in Australia for domestic application and export to other Countries globally. The BHWRs have an established an unparallel reputation and are considered an icon in the Australian Water supply industry. In 2005, the BBHWRs celebrated their 150th anniversary. By way of demonstrating the BBHWRs longevity and reliability we can confirm that a third generation of farmers in Far Nth. Queensland has been using the BBHWRs for more than 100 years. There are not many other Products globally which can claim a similar history and operation reliability. The BBHWRs range consists of Ram sizes No. 3 to No. 7, and Ram No. 10, all being manufactured at our factory in Bayswater, VIC. 3153.

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## **ASSORTMENT OF MISAL SURPLUS MECHANICAL & IRRIGATION EQUIPMENT**

### **PART 6: BILLABONG HYDRAULIC WATER RAMS (BBHWRs):**

For further performance details on our BBHWRs please refer to our Leaflet – Document 12172 © (12.01.2020) – available on request. (MSL- BBHWR No.5)

#### Photographs & Leaflet/ Specification:

- 1x **Document 7504 Rev.1** © (12.07.2014)  
Billabong Hydraulic Water Rams Sizes #3 to #7 line up 1 Photo
- 1x **Document 7509** © (18.07.2013)  
Billabong Hydraulic Water Ram No.5 1 Photo
- 1x **Document 12172** © (12.01.2020)  
Billabong Hydraulic Water Rams Flyer 2012 (Updated) 3 Pages
- 1x **Document 6549** © (19.09.2011)  
Billabong Hydraulic Water Rams No.5 & No.7 – Ready for Shipment 1 Photo
- 1x **Document 15598** © (03.04.2023)  
Billabong Hydraulic Water Rams (BBHWRs)  
Distributorship Business Opportunity 1 Page

### **NEW BILLABONG HYDRAULIC WATER RAM - BBHWR #7**

Sold directly from the Manufacturer.

- Performance / Specification Details:
  - ✓ Discharge 100 - 200 Gallons per hour
  - ✓ Water Supply requirements 20 - 40 Gallons per minute
  - ✓ Weight 171kg
- This is a new BBHWR #7 Ram with a following manufacturer's Warranty:
  - ✓ 2 years on main parts (Base, Dome, Flanges - Exception being Flanges threads)
  - ✓ 12 months Warranty for other parts.

- GENERAL BACKGROUND INFORMATION:

This unique self-lubricating hydraulic Water Ram pump is capable of lifting water up to a height of 200 feet above a running water source (i.e. spring, creek) without the use of external power source. Where the water supply Drive Pipe fall exceeds the normal standard published 10% of the vertical elevation (Where the water via Delivery Pipe is being supplied), water lifting higher than the 200ft listed performance in our Leaflet, may be possible to achieve. The Australian made and designed original Billabong Hydraulic Water Ram (BBHWR) was developed in 1855 (i.e. some 167 years ago) and has been significantly improved over the years. It is a field proven Water Ram operating in Australia and the Pacific Rim Basin geographical area, with thousands of satisfied end users using the BBHWRs to their full satisfaction. The BBHWRs are one of the oldest Water Rams anywhere in the world and still being manufactured in Australia for domestic application and export to other Countries globally. The BHWs have an established an unparallel reputation and are considered an icon in the Australian Water supply industry. In 2005, the BBHWRs celebrated their 150th anniversary. By way of demonstrating the BBHWRs longevity and reliability we can confirm that a third generation of farmers in Far Nth.

Queensland has been using the BBHWRs for more than 100 years. There are not many other Products globally which can claim a similar history and operation reliability. The BBHWRs range consists of Ram sizes No. 3 to No. 7, and Ram No. 10, all being manufactured at our factory in Bayswater, VIC. 3153.

For further performance details on our BBHWRs please refer to our Leaflet – Document 12172 © (12.01.2020) – available on request. (MSL- BBHWR No.7)

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## **ASSORTMENT OF MISAL SURPLUS MECHANICAL & IRRIGATION EQUIPMENT**

### **PART 6: BILLABONG HYDRAULIC WATER RAMS (BBHWRs):**

#### Photographs & Leaflet/ Specification:

- 1x **Document 7504 Rev.1** © (12.07.2014)  
Billabong Hydraulic Water Rams Sizes #3 to #7 line up 1 Photo
- 1x **Document 7509** © (18.07.2013)  
Billabong Hydraulic Water Ram No.5 1 Photo
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Billabong Hydraulic Water Rams Flyer 2012 (Updated) 3 Pages
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Billabong Hydraulic Water Rams No.5 & No.7 – Ready for Shipment 1 Photo
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Billabong Hydraulic Water Rams (BBHWRs)  
Distributorship Business Opportunity 1 Page

## **ASSORTMENT OF MISAL SURPLUS MECHANICAL & IRRIGATION EQUIPMENT**

### **PART 7: IRRIGATION ITEMS AND MATERIALS:**

#### **Ref: MSL 766**

##### **3" ACME ALUMINIUM COUPLINGS (Qty 18)**

COMPLETE WITH GASKETS, LOCK RINGS, HOOK, NUTS AND BOLTS

LOCK RINGS, HOOK, NUTS AND BOLTS

FULLY COMPATIBLE WITH POPE AND SOUTHERN CROSS 3" COUPLINGS

Photographs: MSL 766.1; MSL 766.2 (2 Photographs)

#### **Ref: MSL 767**

##### **GALVANIZED RISERS PIPES (Qty 19)**

1" Size, 585mm long, With M/M threads at both ends

New, have not been used before, slight rust on threads requiring cleaning.

Photograph: MSL 767

#### **Ref: MSL 768**

##### **4" POPE ALUMINIUM COUPLINGS (Qty 5)**

COMPLETE WITH GASKETS, LOCK RINGS, HOOK, NUTS AND BOLTS

LOCK RINGS, HOOK (NO NUTS AND BOLTS)

FULLY COMPATIBLE WITH ACME AND SOUTHERN CROSS 4" COUPLINGS

Photographs: MSL 768.1; MSL 768.2 (2 Photographs)

#### **Ref: MSL 770**

##### **ALUMINIUM 4" STOP END – Qty 1**

Photograph: MSL 770.6

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## **ASSORTMENT OF MISAL SURPLUS MECHANICAL & IRRIGATION EQUIPMENT**

### **PART 7: IRRIGATION ITEMS AND MATERIALS / Cont.:**

#### **Ref: MSL 770**

##### **ALUMINIUM BENDS**

- 2"x90 Degree Bend Qty2 - \$40.00/Ea; Total: \$80.00
- 3"x90 Degree Bend Qty1 - \$55.00/Ea; Total: \$55.00

Photograph: MSL 770.1 – MSL 770.8 (8 Photographs)

#### **Ref: MSL 770**

##### **2" ALUMINIUM CROSS**

Photograph: MSL 770.1 – MSL 770.8 (8 Photographs)

#### **Ref: MSL 771**

##### **GALVANIZED FOOT VALVES**

- 1 1/4" ; \$55.00 – Qty 1
- 1 1/2" ; \$72.00 – Qty 1

Photograph: MSL 771.2

#### **Ref: MSL 771**

##### **GATE VALVES BRASS PLUNGERS**

- 30mm ; Qty 3 - \$8.00/Ea; Total: \$24.00
- 55mm ; Qty 2 - \$10.00/Ea; Total: \$20.00
- 85mm ; Qty 3 - \$12.00/Ea; Total: \$36.00
- 85mm Gasket for 3" gate Valve; Qty 1 - \$8.00

Photograph: MSL 771.1

#### **Ref: MSL 772**

##### **PHILMAC PVC RISER PIPES**

- 1/2" M/M, 600mm Long Qty27 - \$3.00/Ea; Total: \$81.00
- 3/4" M/M, 450mm Long Qty25 - \$5.00/Ea; Total: \$125.00
- 3/4" F/ 1" M, 800mm Long Qty10 - \$6.00/Ea; Total: \$60.00
- 3/4" F/1" M, 450mm Long Qty21 - \$5.00/Ea; Total: \$105.00
- 3/4" M/ 1" M, 450mm Long Qty1 - \$5.00/Ea; Total: \$5.00

Photograph: MSL 772.1; MSL 772.5; 10679; 10680 (4 Photographs)

#### **Ref: MSL 774**

##### **ALUMINIUM BEADED HOSE TAILS**

- 2" Beaded Hose Tail – Qty 1

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ELECTRICAL AND MECHANICAL ENGINEERS (Est. 1980)

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## **ASSORTMENT OF MISAL**

## **SURPLUS MECHANICAL & IRRIGATION EQUIPMENT**

### **PART 7: IRRIGATION ITEMS AND MATERIALS / Cont.:**

- 4" Beaded Hose Tail, short with WQRC – Qty 1
- 2" Beaded Hose Tail – 220mm long with WQRC - Qty 1

#### Note:

WQRC denotes foe welded quick release coupling.

Photographs: MSL 774.1 & MSL 774.2 (2 Photographs)

#### **Ref: MSL 774**

#### **ALUMINIUM 3" ADAPTER**

With Beaded End and Lockrings – Qty 2

Photographs: MSL 774.5

## **ASSORTMENT OF MISAL SURPLUS MECHANICAL & IRRIGATION EQUIPMENT**

### **PART 8: WATER BORING DRILLING EQUIPMENT, ITEMS & ACCESSORIES**

#### **Ref: MSL 733 – MSL 743**

#### **BARGAIN OFFER - WATER BORING DTH DRILLING BITS, RAMMERS, AND SUBS (MSL 733 – MSL 738)**

OPPORTUNITY TO ACQUIRE A LARGE SET OF DTH DRILLING BITS, RAMERS AND SUBS AT LESS THAN HALF OF THE REPLACEMENT COST PRICES. BARGAIN SALE AT SUBSTANTIALLY REDUCED PRICES TO SELL; CURRENT REPLACEMENT COST OVER \$20,000

#### **BARGAIN SALE:**

***Assortment of DTH concave Hammer bits; Ramming Tools, Retrieval tools and Drill***

#### **Subs:**

- 1) DTH Hammer bit 530mm long X 255mm Bit dia (ref. MSL 733)
- 2) DTH Hammer Tricon Bit 355mm long X 210mm Bit dia (MSL 734)
- 3) DTH Hammer Bit 490mm long X 150mm Bit dia (MSL 735)
- 4) DTH Hammer Bit 465mm long X 185mm Bit dia (MSL 736)
- 5) DTH Ramming including Sub extension 700mm long X 180 mm Bit dia (MSL 737)
- 6) DTH Hammer Bit 425mm long x 100mm Bit dia (MSL 738)
- 7) DTH Retrieval tool 390mm long with tip at the end (MSL 739)
- 8) Sub: Box X Box 205mm long, reducer 90mm dia / 75mm dia (MSL 740)
- 9) Sub: Pin X Box 225mm long, 95mm dia (MSL 741)
- 10) Sub: Box X Box 278mm long, reducer 95mm dia / 82mm dia (MSL 742)
- 11) Qty 2 H.D. Spanners:
  - a) Qty 1 – 385x232x12mm (length x width x thickness) suitable for 72mm flats turning
  - b) Qty 1 – 400x187x22mm (length x width x thickness) suitable for 74mm flats turning (Ref. MSL 743)

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## **ASSORTMENT OF MISAL SURPLUS MECHANICAL & IRRIGATION EQUIPMENT**

### **PART 8: WATER BORING DRILLING EQUIPMENT, ITEMS & ACCESSORIES / Cont.:**

12) DTH Rammer Bit 165mm long X 100mm Bit dia (MSL 733)

Total Qty - 13 items

All items are second hand, generally in VGC and surplus to our requirements.

Photographs:

10087 - 10093; 10096; 10098 (MSL 736.2); 10098 (MSL 737.2); 10099; 10100; 10102; 10109; 10753 - 10754; 11809; 11810; 12807.1; 12807.2; 12810; 12811; 12814; 12816; 12819; 733.1A; MSL 733.1 - MSL 733.3; MSL 734.1- MSL 734.2; MSL 735.1 - MSL 735.4; MSL 736.2; MSL 737.2; MSL 738.1; MSL 739.2 - MSL 739.3; MSL 741.1; MSL 742.1; MSL 743.1; MSL 743.2; MSL 740 - MSL 742; MSL 753.3 (27 Photographs)

Note:

Only selective number of photographs are displayed in the referenced flyers and Misal Websites: [www.misaltech.com](http://www.misaltech.com) and [www.billabongwaterram.com](http://www.billabongwaterram.com)  
Full photograph selections available on request.

Photographs: Qty 43 in total

## **ASSORTMENT OF MISAL SURPLUS MECHANICAL & IRRIGATION EQUIPMENT**

### **NOTES**

#### **NOTE 1:**

#### **ALL ITEMS AVAILABILITY SUBJECT TO PRIOR SALES**

1) All the above listed items are surplus to our requirements and are being offered for sale at very attractive and substantially discounted prices, to ensure quick sales. Items availability subject to prior sales and confirmation

2) Some of the offered Misal surplus equipment prices being offered do represent a discount between 30 - 40 % of the current market prices. We recommend that you will seek confirmation on the listed items availability as some items may have been sold in the meantime.

3) We invite you to contact us should you have interest in any of the listed items or where you may require additional details or specification.

4) Photographs:

- ✓ Most of the Items have listed a multiple number of Photographs.
- ✓ For practical reasons we have opted to provided initially only 1 - 2 typical photographs of the referenced Item. These photographs are provided on our websites [www.misaltech.com](http://www.misaltech.com) and [www.billabongwaterram.com](http://www.billabongwaterram.com)
- ✓ Photographs availability - Most of the listed Items could be viewed on following Misal Websites: [www.misaltech.com](http://www.misaltech.com) & [www.billabongwaterram.com](http://www.billabongwaterram.com). All listed Photographs are available on request.

➤ NOTE 2:

- ✓ Other Electrical Equipment & Items available - further details are provided on our above website, with full Items details available on request

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## **ASSORTMENT OF MISAL SURPLUS MECHANICAL & IRRIGATION EQUIPMENT**

### **NOTES / Cont.:**

#### **NOTE 2:**

#### **OTHER ELECTRICAL EQUIPMENT & ITEMS AVAILABLE:**

Please note that we also have from our previous projects and our showroom equipment display a quantity of second-hand Electrical Cables, Contactors, New Low Voltage and High Voltage Fuses, New HV components and new HV Switchboards (Including a 24/12kV Ring Main Unit). These items are suitable for any new electrical Plant installations or Power Distribution network applications, where low Voltage and high Voltage components are required. The bulk of the surplus LV and HV Equipment and items are new, not being used. These items are being offered at substantially reduced prices to clear the current stock.

Full Items listing, Specifications and photographs are available on request.

We would be pleased to answer any questions a potential buyer may have in relation to any of the above advertised items.

Sincerely,  
Misal Technologies Pty. Ltd.

#### **Enclosed:**

- **Document 13159** – Misal Surplus Equipment – Mechanical – Flyer and Specifications (3.53Mb) 5 Pages
- **Document 13161** – Misal Surplus Equipment – Irrigation – Flyer and Specifications (3.19Mb) 5 Pages
- **Document 13162** – Misal Surplus Equipment – Drilling items – Flyer and Specifications (1.28Mb) 3 Pages
- **Document 15613** – Misal Surplus Equipment – Photographs Selection (818kB) 4 Pages
- **Document 7504** @ - Billabong Hydraulic Water Rams Sizes #3 to #7 line up 1 Photo
- **Document 7509** @ - Billabong Hydraulic Water Ram No.5 1 Photo
- **Document 12172** @ - Billabong Hydraulic Water Rams (BBHWRs) Flyer 2012 (Updated) 3 Pages
- **Document 6549** @ - Billabong Hydraulic Water Rams No.5 & No.7 – Ready for Shipment 1 Photo
- **Document 15598** @ - Billabong Hydraulic Water Rams - Distributorship Business Opportunity 1 Page

All above listed enclosed items are together with the Misal Surplus Equipment Listing **Document 15595 Rev.1** @ and zipped into **Document 15614** @.Zip (10.04.2023)



All correspondence to P.O. BOX 510 RINGWOOD VIC 3134 AUSTRALIA

TELEPHONE: +61 (0)3 9876 5222 EMAIL: [misaltech@bigpond.com](mailto:misaltech@bigpond.com) WEB: [www.misaltech.com](http://www.misaltech.com) & [www.billabongwaterram.com](http://www.billabongwaterram.com)

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