



**TRUST AN AUSSIE TO  
CLEAN FASTER & SAFER**

**GUNS & LANCES**

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**74**



**500 BAR  
ACCESSORIES**

**78**



**500 BAR PPE**

**80**



### AUSSIE TOP GUNS ... COMPLETE PRO GUN/LANCE KITS

SAVE MONEY, SAVE TIME ... HAPPINESS IS THE FEEL OF A NEW GUN



#### AUSSIE 4,000 PSI PRO-GUN KIT—DUAL



- 5,000 psi Aussie Pro Gun (M22 inlet)
- 4,000 psi stainless steel dual lance (1019mm)
- 2 x Laser cut nozzles  
(including one detergent, low pressure nozzle)

	nozzle	single buy	10 pack buy (each)
APROGUN-DUAL-035	035	<b>\$287</b>	\$215
APROGUN-DUAL-045	045	<b>\$287</b>	\$215

#### PA 5,000 PSI PRO-GUN KIT

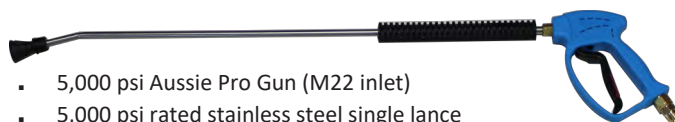


- 5,100 psi RL56 Spray Gun (Inlet: 3/8" BSP F)
- 5,000 psi rated 800mm stainless steel single lance with melted handle
- Laser cut nozzle & nipple to connect hose sold separately

MPA3045600	gun/lance kit	<b>\$197</b>
MPA13.5050.51	nipple	\$34
C915 ___ M	nozzle	\$20



#### AUSSIE 5,000 PSI PRO-GUN KIT—SINGLE



- 5,000 psi Aussie Pro Gun (M22 inlet)
- 5,000 psi rated stainless steel single lance
- Laser cut nozzle (030, 035, 045)
- Packed weight 2kg
- Boxed dimensions 1180mm x 210mm x 45mm (900mm kit)

	lance	nozzle	single buy	10 pack buy (each)
APROGUN-900-030	900mm	030	<b>\$162</b>	\$121
APROGUN-900-035	900mm	035	<b>\$162</b>	\$121
APROGUN-900-045	900mm	045	<b>\$162</b>	\$121
APROGUN-1200-035	1200mm	035	<b>\$174</b>	\$130
APROGUN-1200-045	1200mm	045	<b>\$174</b>	\$130

#### NEW PA 500 BAR PRO-GUN KIT



- RL 57 7,250 psi (500 bar), 28 lpm, 160°C, permissible pressure 8,000 psi (Inlet 3/8" BSP F)
- 5,800 psi (400 bar) 1050mm lance with melted handle, permissible pressure 6,400 psi, 160°C, Outlet 1/4" NPT F
- Ceramic nozzle sold separately (page 60)

MPA30473000	gun/lance kit	<b>\$575</b>
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**WARNING ... LEAKING GUNS ARE DANGEROUS!**



### GREAT RANGE, HUGE STOCKS, EXCEPTIONAL PRICES

▲ ◆ ● ◆ ▲ Match the symbols for best compatibility between gun, lance, turbo and hose

#### HOBBY GUN UPGRADE KIT

(Pro kit for hobby machines)

**2,700 psi (190 bar)**  
hobby gun complete  
with Vario lance  
& 7 metres of wire braid  
pro high pressure hose  
Includes 14mm to 15mm  
coupling adaptor



AGPDGLNH120

\$139

#### NEW COMMERCIAL AL13

(Aussie Cougar & AB22, AB30)



AL13 (with M22 inlet)

**3,340 psi (230 bar)**, 30 lpm, 60°C

Permissible pressure 3,700 psi

Inlet M22 QC M

Outlet M22 QC F

300mm lance extension with user friendly grip

Use with vario lance or single lance



M4021108007

\$61

#### NEW PROFESSIONAL AL55

(all Aussie 3,000 & 4,000 psi blasters & steam cleaners) ◆

AL55 (with M22 & swivel)

**4,500 psi (310 bar)**, 45 lpm, 160°C

Permissible pressure 5,075 psi

Inlet M22 QC M

Outlet M22 QC F



300mm lance extension, use with single or double lance

M4022209003

\$82

**C0601.23** o-ring (suits couplings with back-up ring) \$16

**C01177407600** back up ring (suits couplings with back-up ring) \$15



#### INDUSTRIAL VEGA + EXTENSION

PA VEGA gun & S3 extension ●

**4,500 psi (310 bar)**, 40 lpm, 160°C

Permissible pressure 5,100 psi, 1.1kg

370mm melted handle, stainless steel pipe

Inlet 3/8" BSP M (with swivel)

Outlet M22 QC F

MPA30208300

\$145

(25 pack bulk buy ... call for details)



#### INDUSTRIAL SPRAY GUN

(all Aussie 5,000 psi blasters & steam cleaners) ◆

DG5010

**5,000 psi (350 bar)**, 40 lpm, 160°C

Inlet 3/8" G F

Outlet 1/4" G F

Use with extended double lance or

extended single lance

CGPDG5010

\$78

(20 pack bulk buy ... call for details)

Replacement safety clip AGP2660026 \$7



#### INDUSTRIAL SPRAY GUN

(with swivel) ◆



RL37 with swivel

**4,500 psi (310 bar)**, 40 lpm, 160°C

Permissible pressure 5,000 psi, 564 gms

Inlet 3/8" BSP F (with swivel)

Outlet 1/4" BSP F

Use with extended double lance

or extended single lance

MPA30122000

\$86

(15 pack bulk buy ... call for details)



#### INDUSTRIAL RL56 COMPENSATED

Spray Gun (used on Aussie Predators & Hurricanes) ◆

**5,100 psi (350 bar)**, 30 lpm, 160°C

Permissible pressure 5,650 psi, 672gms

Inlet 3/8" BSP F

Outlet 1/4" BSP F

MPA30450010

\$122

(8 pack bulk buy ... call for details)



#### 8,000 PSI RL 84 SPRAY GUN

(all Aussie Raptor Hydro-blasters) ■

**7,300 psi (500 bar)**, 80 lpm, 100°C, 1.3kg

Permissible pressure 8,100 psi

Inlet 1/2" BSP F

Outlet 1/2" BSP F

Use P/A single lance

MPA30540000

\$415

(300mm shoulder rest MPA30506000 \$49)



## A LANCE FOR ALL OCCASSIONS



Match the symbols for best compatibility between gun, lance, turbo and hose

### T10 VARIO ZOOM NOZZLE & LANCE



**3,000 psi (200 bar)**, 30 lpm, 60°C, Permissible pressure 3,200 psi

Length 585mm

Inlet M22

Use with AL13

C4723.45.115



\$82

### LANCE EXTENSION



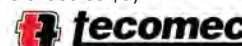
Stainless steel extension with melted handle

**4,000 psi (275 bar)**, permissible pressure 5,000 psi,

40 lpm, 150°C, Inlet 1/4" G M, Outlet 1/4" G M

(If used with AL13 or AL55 gun requires nipple C1500.05 \$9)

300 mm C3804.00 \$37



### STAINLESS SINGLE LANCE



with melted handle, tip protector & nozzle holder



(If used with AL13 or AL55 gun requires nipple C1500.05 \$9)

**4,500 psi (310 bar)**, permissible pressure 5,075 psi,

40 lpm, 150°C, Inlet 1/4" G M, Outlet 1/4" NPT F



400 mm	C3930.00	\$37	1200 mm	C3905.16	\$63
700 mm	C3905.14	\$42	1500 mm	C3905.17	\$76
900 mm	C3905.15	\$50	2000 mm	C3905.19	\$92

Requires M series nozzle, sold separately, p60

To use with Q series (Quik Tip) nozzles add fixed QC (CD10073 \$18)

Replacement nozzle protector C3718.02 \$7.50

### STAINLESS DOUBLE LANCE



Heavy duty, stainless steel double lance, suits all pro guns

**3,625 psi (250 bar)**, 40 lpm, 150°C, permissible pressure 4,060 psi

Length 684mm  
Inlet M22 M  
Outlet 2x1/4" NPT F  
S/code: C3924.01  
\$97



BEST BUY

Require two M series nozzles, sold separately, p60



### PA EXTENDED SINGLE LANCE



with melted handle and protector



**5,000 psi (350 bar)**, 30 lpm, 160°C,  
permissible pressure 5,650 psi (390 bar),

Inlet 1/4" BSP M

Outlet 1/4" NPT F

800 mm MPA40025800 \$101

1050 mm MPA40026100 \$122

Requires M series nozzle, sold separately, p60

(8 pack bulk buy ... call for details)



### STAINLESS DOUBLE LANCE with extension



Heavy duty, stainless steel double lance, suits all pro guns

**3,625 psi (250 bar)**, 40 lpm, 150°C, permissible pressure 4,060 psi

Length 1019mm  
Inlet 1/4" G M  
Outlet 2 x 1/4" NPT F  
S/code: C3916.03  
\$155



Require two M series nozzles, sold separately, p60

### RL 800 500 BAR PA SINGLE S/S LANCE



Suits RL84, **7,300 psi (500 bar)**,

Permissible pressure 8,100 psi, 200 lpm,

43°C, Inlet 1/2" BSP M, Outlet 1/4" NPT F

400mm MPA30500040 \$209

800mm MPA30500080 \$269

1250mm MPA30500092 \$387

Requires M series nozzle, sold separately, p60



### SAVE WATER & CUT TIMES ... TURBO BOOST

Aussie turbos use the water's velocity to increase the effective working pressure (EWP).  
Let Aussie Turbomaster do the work for you!

#### AUSSIE TURBOMASTER



Commercial series (220 bar)

**3,200 psi, 60 lpm**, EWP up to 4,500 psi, 500mm, M22 inlet

Nozzle size: 030

Suits: Cougar, AB30, F140, Black Box, Scud 100

M4042100004 lance & head **\$145**

#### AUSSIE TURBOMASTER 310



Professional series, 500mm lance & head

**4,400 psi (310 bar) 24 lpm**, EWP up to 6,294 psi

Max temp: 90°C Inlet (lance) M22 x 1.5 M Weight: 600 gms

CTN310-\_\_ lance & head **\$242**

Sizes available ... 035, 045, 050

#### PRO TURBO GUN KITS ... FAST, TOOL FREE CHANGEOVER



Professional turbo gun lance kit

**255 bar, 310 bar & 350 bar**

EWP up to 8,500 psi\*, 900mm lance

Max temp: 90°C Inlet (gun) M22



**Up to 3,500 psi, boosts EWP to max 4,785 psi\* (All Brands)**

CTN255-030GLK suits AB30 **\$286**

CTN255-045GLK suits Scud 350 **\$286**

**Up to 4,400 psi, boosts EWP to max 6,295 psi\* (All Brands)**

CTN310-030GLK suits AB40 **\$310**

CTN310-035GLK suits Scud 400, Atlas **\$310**

CTN310-050GLK suits Ultra A **\$310**

**Up to 5,000 psi, boosts EWP to max 8,500 psi\* (All Brands)**

CTN400-035GLK Pred A **\$398**

**Call for bulk pricing** (\*dependant on pump capability)

#### AUSSIE TURBOMASTER HEADS

##### Semi pro series

**3,400 psi (234 bar)**

EWP up to 4,785 psi

Max temp: 90°C

Inlet QC plug



FNA40143 **\$87**

##### Professional series

**3,700 psi (255 bar)**

EWP up to 4,785 psi

Max temp: 90°C

Inlet 1/4" F

Weight 300 gms



CTN255-\_\_H **\$160**

Sizes available ...  
020, 025, 030, 035, 040, 045,  
050, 055, 060, 065, 070, 075,  
100, 150

**Repair kit**

CTN255-\_\_REP **\$102**

##### Professional series

**4,400 psi (310 bar)**

EWP to 6,294 psi

Max temp: 90°C

Inlet 1/4" F

Weight 450 gms



CTN310-\_\_H **\$205**

Sizes available ...  
030, 035, 045, 050,

**Repair kit**

CTN310-\_\_REP **\$112**

##### Professional series

**5,800 psi (400 bar)**

EWP to 8,500 psi

Max temp: 90°C

Inlet 1/4" F

Weight 750 gms



CTN400-\_\_H **\$298**

Sizes available ...  
030, 035, 040, 045, 050, 055,  
060, 065, 070, 075, 080, 085

**Repair kit**

CTN400-\_\_REP **\$134**

##### 500 bar series

**7,300 psi, 500 bar**

EWP to 12,000 psi

Max temp: 90°C

Inlet 1/4" F

Weight 700 gms



CTN500-\_\_H **\$1,559**

Sizes available ...  
020, 025, 030, 035, 040, 045,  
050, 055, 060, 065, 070, 075,  
080

**Repair kit**

CTN500-\_\_REP **\$1,038**



### HIGH PRESSURE NOZZLES CHANGE THAT NOZZLE

Worn nozzles cause loss of pressure & can lead to machine failure. Nozzles should be changed on a regular basis.

Drain cleaning nozzles ... see p 30



#### SINGLE BUY NOZZLES

Look up size & angle of required nozzle in selection table then add a 'M' for a Laser Cut nozzle or 'Q' for a Quik Tip nozzle

##### Laser Cut (Inlet: 1/4" NPT)



Add 'M' to code  
(eg C900080M)

(NOT AVAILABLE IN 40°)



**BEST BUY**

\$20

Detergent Nozzle

C915500MSS \$20

##### Quik Tip



Add 'Q' to code  
(eg C900080Q)

\$18

Detergent Nozzle  
(Black 65°)

C965400Q \$18

#### LASER CUT 'M' SERIES NOZZLE 5 PACKS

S/code	Qty in pack	Tip angle	
C915__M-P1	5	15	\$88
Packs available for sizes 020 to 065			
C915500MSS-P1	5	Detergent	\$88



**BEST BUY**

#### QUIK TIP 'Q' SERIES NOZZLE 5 PACKS

S/code	Qty in pack	Nozzle size	
C105082Q	5	030	\$68
C105083Q	5	035	\$68
C105084Q	5	040	\$68
C105085Q	5	045	\$68
C105087Q	5	055	\$68



**BEST BUY**

Quik Tip (Q) nozzles 5 pack...

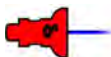
Tip:  
Use a fixed quick coupler to connect a Q series nozzle to a lance with a 1/4" NPT female outlet (see below)



##### Quik Tip 'Q' Series Colour Guide

Red ... 0°

Pencil jet for maximum effect



Yellow ... 15°

Cleaning heavily stained areas



Green ... 25°

General purpose nozzle for larger areas



White ... 40°

Lightly stained flat surfaces



Black ... 65°

Low pressure detergent nozzle



#### GP FIXED QUICK COUPLING

Max pressure 6,000 psi (410 bar), stainless steel quick connect couplers to connect Aussie Quik Tip nozzles to end of lance

	S/code	Inlet	Outlet	
A	CD10072	1/4" QC	1/4 G - F	\$23
B	CD10073	1/4" QC	1/4 G - M	\$23



(A)

(B)

#### AUSSIE WHITE TIP ... 500 bar

Ceramic Tipped Nozzles .... SAFER, LONGER LASTING

500 bar 0° & 15°, nozzle material ceramic, inlet 1/4" NPT M ...

\$131 each

Size	0° (pencil jet)	15° (fan)
025	M0124006100	M0124006110
030	M0124006200	M0124006210
035	M0124006300	M0124006310
040	M0124006400	M0124006410
045	M0124006500	M0124006510
050	M0124006600	M0124006610



**Change your nozzle regularly;** nozzles wear with use and can cause your pump and system to fail.

Correct nozzle sizing is essential for your machine's correct performance.

### How to Read the Chart

1. Main chart area is flow in litres per minute.
2. Look up the pump psi in the heading and read down that column to the approximate flow. Read off the MEG size in the row heading.
3. Drop one size because calculation should always be made using 93% of pump flow.

MEG	Sizing for vario & grit-blast heads	Flow in l/min at the indicated pressures																											
		20 BAR	30 BAR	40 BAR	50 BAR	60 BAR	70 BAR	80 BAR	90 BAR	100 BAR	110 BAR	120 BAR	130 BAR	140 BAR	150 BAR	160 BAR	180 BAR	200 BAR	220 BAR	250 BAR	280 BAR	310 BAR	340 BAR	370 BAR	400 BAR	450 BAR	500 BAR		
		290 psi	435 psi	580 psi	725 psi	870 psi	1015 psi	1160 psi	1305 psi	1450 psi	1595 psi	1740 psi	1885 psi	2030 psi	2175 psi	2320 psi	2610 psi	2900 psi	3190 psi	3625 psi	4060 psi	4560 psi	5000 psi	5440 psi	5880 psi	6525 psi	7250 psi		
020	0,99	2	2,5	2,8	3,2	3,5	3,7	4	4,2	4,5	4,7	4,9	5,1	5,3	5,5	5,7	6	6,4	6,7	7,6	7,7	8,1	8,2	8,8	9,2	9,8	10,3		
025	1,00	2,5	3.1	3.5	4	4.3	4.7	5	5.3	5.6	5.9	6.1	6.4	6.6	6.9	7.1	7.5	7.9	8.3	8.9	9.4	9.9	10.3	10.8	11.2	11.9	12.5		
030	1,09	3,1	3,7	4,3	4,8	5,3	5,7	6,1	6,3	6,8	7,2	7,4	7,7	8	8,3	8,7	9,2	9,6	10	10,8	11,4	12	12,5	13,1	13,6	14,4	15,2		
035	1,15	3,6	4,4	5,1	5,6	6,2	6,7	7,3	7,7	8,1	8,4	8,8	9,2	9,6	9,9	10,4	10,9	11,4	12	12,6	13,4	14,1	14,8	15,4	16,0	17,0	17,9		
040	1,19	4,2	5,2	5,9	6,6	7,3	7,8	8,4	8,9	9,4	9,8	10,3	10,7	11,1	11,5	11,9	12,4	13,2	14,1	14,1	14,7	16,0	16,9	17,5	18,2	19,3	20,3		
045	1,27	4,5	5,5	6,4	7,1	7,8	8,4	9	9,6	10,2	10,6	11,2	11,6	11,8	12,5	12,6	13,2	14,4	15	16,3	17,2	18,1	19,0	19,5	20,6	21,8	23,0		
050	1,35	5	6,2	7,1	8	8,7	9,4	10	10,7	11,3	11,7	12,1	12,9	13,4	13,8	14,3	15,1	15,9	16,9	17,9	18,9	19,9	20,9	21,8	22,7	24,2	25,5		
055	1,4	5,6	6,8	7,8	8,7	9,6	10,3	11,1	11,8	12,4	13	13,5	14,1	14,7	15,2	15,7	16,4	17,5	18,6	19,8	20,9	22,0	23,0	24,0	25,0	26,5	28,0		
060	1,47	6	7,4	8,6	9,6	10,4	11,3	12,1	12,8	13,6	14,2	14,9	15,5	16	16,6	17,2	18	19,2	20,4	21,5	22,9	24,1	25,3	26,4	27,4	29,1	30,6		
065	1,52	6,6	8	9,3	10,4	11,3	12,3	13,2	14	14,7	15,5	16,1	16,7	17,4	18	18,6	19,4	20,7	22	22,9	24,8	26,1	27,3	28,5	29,6	31,4	33,1		
070	1,6	7,1	8,6	10	11,2	12,2	13,2	14,1	15	15,8	16,6	17,3	18	18,7	19,3	20,1	21,3	22,3	23,7	25,3	26,8	28,2	29,5	30,8	32,0	33,9	35,8		
075	1,65	7,6	9,3	10,7	12	13,1	14,2	15,2	16,1	16,9	17,7	18,5	19,2	20	20,7	21,4	22,6	23,8	25,3	27,0	28,6	30,1	31,5	32,9	34,2	36,2	38,2		
080	1,7	8	9,8	11,3	12,7	14	15,1	16,1	17,1	18	18,9	19,7	20,5	21,3	22	22,8	23,8	25,4	27	28,8	30,5	32,0	33,6	35,0	36,4	36,8	40,7		
085	1,75	8,5	10,4	12,1	13,5	14,8	16	17,1	18,1	19,1	20	20,9	21,7	22,5	23,4	24	25,5	27	28,2	30,7	32,5	34,2	35,8	37,3	38,8	41,2	43,4		
090	1,8	9,8	11,5	13,3	14,8	16,3	17,6	18,8	19,9	21,0	22,0	23,0	23,9	24,8	25,7	26,6	28,2	29,7	31,1	33,2	33,5	37,0	38,7	40,4	42,0	44,5	47,0		
095	1,85	9,7	11,9	13,4	15,4	16,8	18,1	19,4	20,0	21,7	22,7	23,8	24,7	25,9	26,9	27,8	29,5	31,1	32,6	34,8	36,8	38,7	40,6	42,3	44,0	46,7	49,2		
100	1,9	10	12,3	14,2	16,0	17,8	19,2	20,6	21,8	23,0	24,1	25,2	26,2	27,2	28,2	29,1	30,9	32,5	34,1	35,4	38,5	40,5	42,4	44,2	46,0	48,8	51,4		
110	1,98	11,1	13,6	15,7	17,6	19,3	20,8	22,2	23,6	24,9	26,2	27,4	28,5	29,6	30,6	31,6	33,5	35,4	37,1	39,5	41,8	44,0	46,1	48,1	50,0	53,0	55,9		
120	2,08	12,1	14,8	17,2	19,2	21,0	22,7	24,3	25,8	27,1	28,1	29,4	30,6	31,8	32,9	34,0	36,0	38,0	39,8	42,4	45,0	47,6	50,2	51,9	54,0	57,3	60,4		
125	2,13	12,7	15,6	18,0	20,1	22,0	23,8	25,5	27,0	28,5	29,5	30,8	32,1	33,3	34,5	35,6	37,8	39,8	41,8	44,5	46,9	49,3	51,6	53,9	56,0	59,4	62,6		
130	2,16	13,2	16,1	18,6	20,8	22,8	24,6	26,3	27,9	29,4	30,8	32,2	33,5	34,8	36,0	37,2	38,9	42,5	44,5	47,4	50,2	52,8	55,3	57,7	60,0	63,6	67,1		
140	2,26	14,2	17,4	20,0	22,4	24,5	26,5	28,4	30,1	31,7	33,2	34,7	36,1	37,5	38,8	40,1	42,5	44,8	47,0	50,1	53,2	56,3	59,4	61,7	64,4	67,9	71,6		
150	2,34	15,1	18,5	21,3	23,9	26,1	28,3	30,2	32,1	33,8	35,6	37,2	38,7	40,2	41,6	43,0	45,6	48,0	50,4	53,7	57,0	59,9	62,7	65,4	68,0	72,1	76,0		
160	2,41	16,2	19,8	22,9	25,6	28,0	30,3	32,4	34,4	36,2	37,8	39,5	41,1	42,7	44,2	45,6	48,4	51,0	53,5	57,0	60,2	63,4	66,4	69,2	72,0	76,4	80,5		
180	2,54	18,2	22,3	25,7	29,0	31,8	34,3	36,7	38,6	41,0	43,0	44,9	46,7	48,5	50,2	51,9	55,0	58,0	60,8	64,8	68,6	72,2	75,6	78,9	82,0	87,0	91,7		
200	2,69	20,1	24,7	28,5	32,5	35,6	38,5	41,1	43,6	46,0	48,2	50,4	52,4	54,4	56,3	58,2	61,7	65,1	68,2	72,7	77,0	81,0	84,8	88,5	92,0	97,6	102,9		
250	2,99	25,2	30,9	35,7	39,8	43,6	47,1	50,4	53,4	56,4	59,1	61,8	64,3	67,0	69,1	71,3	75,1	79,8	84,0	89,3	94,6	99,9	105,2	109,8	114,1	120,9	127,5		

### YANMAR ENGINES & ACCESSORIES

Model	Stock Code	Description	List Price
Yanmar (L-N series)			
L48N recoil start	EL48N5-MTMYI	4.8HP, 3/4" keyway shaft, recoil	\$1,990
L48N electric start	EL48N5-METMYI	4.8HP, 3/4" keyway shaft, electric	\$2,790
L48N recoil start	EL48N5-PTMYI	4.8HP, 3/4" pump shaft (threaded), recoil	\$1,990
L48N electric start	EL48N5-PETMYI	4.8HP, 3/4" pump shaft (threaded), electric	\$2,790
L70N recoil start	EL70N5-MTMYI	7HP, 1" keyway shaft, recoil	\$2,925
L70N electric start	EL70N5-METMYI	7HP, 1" keyway shaft, electric	\$3,320
L70N electric start	EL70N5-PEATMYI	7HP, 3/4" pump shaft (threaded), electric	\$2,925
L70N electric start	EL70N5-PETMYI	7HP, 1" pump shaft (threaded), electric	\$3,320
L100N electric start	EL100N5-METMYI	10HP, 1" keyway shaft, electric	\$3,890



Yanmar engine care kit

Engine Care Kits			
L48N	EAPFKL48N	Includes air filter element, fuel filter element, oil filter strainer, fuel filter strainer, 1 litre of SAE40 oil	\$153
L70N & L100N	EAPFKL100N	Includes air filter element, fuel filter element, oil filter strainer, fuel filter strainer, 2 litres of SAE40 oil	\$186

	PE-Nano	PE-Manual	PE-Auto
Keyless Start & Stop	Yes	Yes	Yes
Tachometer	Yes	Yes	Yes
Hourmeter	Yes	Yes	Yes
Low Oil Pressure Protection	Yes	Yes	Yes
Battery Monitoring	Yes	Yes	Yes
99hr Run Timer		Yes	Yes
Fault Indicator	Yes	Yes	Yes
Fault Error Log	Yes	Yes	Yes
2 Wire Start/Stop		Yes	Yes
Twin Float Start/Stop		Yes	Yes
Pump Pressure Monitoring & Start/Stop		Yes	Yes
Loss of Prime			Yes
7 Day Repeatable Start/Stop Timer			Yes
Daily Start/Stop Timer (Mon-Sun)			Yes
List price	\$2,099	\$2,830	\$3,814

### Yanmar engine protection kits for L series engines



### ENGINE FUEL CONSUMPTION RATES

#### Honda

	fuel tank size (l)	Fuel consumption at 3600 rpm (lph)	Approx. running time (hours)
GX120	2	1	2.00
GX160	3.1	1.4	2.21
GX200	3.1	1.7	1.82
GX240	5.3	2.1	2.52
GX270	5.3	2.5	2.12
GX390	6.1	3.7	1.65

Running times are calculated from engine manufacturers figures and are based on 100%.

Times will vary depending on site conditions.

#### Yanmar

	fuel tank size (l)	Fuel consumption at 3600 rpm (lph)	Approx. running time (hours)	Fuel consumption at 3000 rpm (lph)	Approx. running time (hours)
L48	2.4	1.2	2.00	1.05	2.29
L70	3.3	1.7	1.94	1.55	2.13
L100	5.4	2.5	2.16	2.2	2.45

#### Hatz

	fuel tank size (l)	Fuel consumption at 3600 rpm (lph)	Approx. running time (hours)	Fuel consumption at 3000 rpm (lph)	Approx. running time (hours)
1B20	3	1.05	2.86	0.9	3.33
1B30E	5	1.68	2.98	1.45	3.45
1B40E	5	2.35	2.13	1.95	2.56
1B50E	5	2.54	1.97	2.05	2.44

### OPTIONAL EXTRAS

Remote Stop (E-stop)	\$265	\$264	\$265
Remote Wireless Start/Stop		\$551	\$551
Remote 3G Monitoring & Control Telemetry Package			Price inc PE Auto \$7,969



### HATZ DIESEL ENGINES & ACCESSORIES

Model	S/code	Description	
Hatz (B series)			
1B20	E1B20	4.2HP recoil start	\$1,685
1B30E	E1B30E	6.4HP electric start	\$2,530
1B40E	E1B40E	9HP electric start	\$3,420
1B50E	E1B50E	11HP electric start	\$3,840

### Hatz Engine Service Kits

Service kit includes air filter, fuel filter, head gasket, O-rings & engine oil

1B20	EH85280455	Includes air filter, fuel filter, head gasket, o-rings, 1 litre of 15W-40 oil	\$164
1B30E	EH85280456	Includes air filter, fuel filter, head gasket, o-rings, 1 litre of 15W-40 oil	\$170
1B40E/1B50E	EH85280457	Includes air filter, fuel filter, head gasket, o-rings, 2 litres of 15W-40 oil	\$196



### MONSOON ELECTRIC MOTORS ... HOLLOW SHAFT



\*c/w 16 amp capacitor

Suit direct coupling to most pump models, four pole 1450 rpm, 50Hz, slow speed IP56 spray protection. As used in the Aussie Monsoon series.

- ♦ Quality Italian made
- ♦ 12 months warranty
- ♦ Easy fit & compact

S/code	kW	HP	Motor	Shaft mm		Suits	
A140060M001	2.2	3	1 phase, 240V	24	*IP56	WEL/WBL	\$480
A140060T001	5.5	7.5	3 phase, 415V	24	IP56	TTV/TTL	\$605
A140060T002	7.5	10	3 phase, 415V	24	IP56	TTV/TTL	\$931
A140060T004	7.5	10	3 phase, 415V	30	IP56	KT/KTV	\$931
A140060T025	11	15	3 phase, 415V	24	IP56	TTL/TTK	\$1,100
A140060T003	11	15	3 phase, 415V	30	IP56	KT/KTV	\$1,100
A140060T020	12.5	17	3 phase, 415V	24	IP56	KTL	\$1,414
A140060T024	12.5	17	3 phase, 415V	24	IP56	KT/KTV/HDS	\$1,414
A140060T009	12.5	17	3 phase, 415V	30	IP56	TTK/RA	\$1,414
A140060T026	15	20	3 phase, 415V	24	IP56	RA/RAL/RAS	\$1,920

### DOUBLE FLANGE ELECTRIC MOTORS ... ELASTIC JOINT



Suit direct coupling to most pump models, four pole 1440 rpm, 50Hz, slow speed IP55 spray protection. As used in the Aussie Monsoon series.

- ♦ Quality, long life industrial motor
- ♦ Double bearing ... longer life
- ♦ Double flanged coupling ... never seizes pump to motor
- ♦ 12 month warranty
- ♦ Quality Italian made



S/code	kW	HP	Motor	Shaft mm		Suits	
AT411255NRIC3MG	5.5	7.5	3 phase, 215V	24	IP55	TTL/TTV	\$807
AT413275NR1C5MG	7.5	10	3 phase, 415V	24	IP55	TTL/TTV	\$1,202
AT413311NRBJ5MG	11	15	3 phase, 415V	24	IP55	TTK	\$1,372
AT416015NR9J5MG	15	20	3 phase, 415V	30	IP55	HDS/KTV/RA	\$2,197
AT416018NR9J5MG	18.5	25	3 phase, 415V	30	IP55	RAS/RAL/RA	\$2,381



### GREAT RANGE, HUGE STOCKS, EXCEPTIONAL PRICES

#### BERTOLINI APR I20

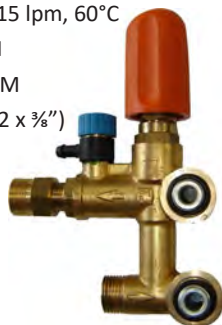
**2,000 psi** (140 bar), 15 lpm, 60°C

Inlet ½" BSP M

Outlet M22x1.5 M

Bypass Internal (2 x ⅜")

Weight 900 gms



Detergent injection  
BAPRI20ADJ **\$189**

No Detergent injection

BAPRI 20 **\$189**

Repair kit ... BAPRI20REP **\$81**



#### BERTOLINI APR I35

(used on AB30)

**3,500 psi** (240 bar), 15 lpm, 60°C

Inlet ½" BSP M

Outlet M22x1.5 M

Bypass Internal (2 x ⅜")

Weight 1.2kg



Detergent injection  
BAPRI-35ADJ **\$203**

#### VRF2 (used on Super Indys)

**3,190 psi** (220 bar) rated pressure

3,625 psi permissible pressure

30 lpm, 90°C

Outlet ⅜" BSP F

M4072401001 **\$110**



**Banjo Bolts** to suit  
IP W151 or above valve  
By pass G ⅜" & G ½"



M4073900000 **\$76**



#### BERTOLINI APR I40

(Suits Stella 200, AB40)

**4,000 psi** (275 bar), 21 lpm, 60°C

Inlet ½" BSP M

Outlet M22x1.5 M

Bypass Internal (½", ⅜")

Weight 1.2kg



Detergent injection  
BAPRI40ADJ **\$234**



#### PULSAR ZERO

**3,650 psi** (250 bar),  
4,050 permissible pressure  
40 lpm, 60°C

Inlet ⅜" BSP F

Outlet ⅜" BSP F

Bypass 2 x ⅜" BSP F

Weight 1.13kg



MPA60240000 **\$272**



#### PULSAR 4 R

(replaces 80/280 on Scuds)

**4,060 psi** (280 bar) rated pressure,  
4,500 psi permissible pressure,  
40 lpm, 90°C

Inlet ⅜" BSP F

Outlet ⅜" BSP F

Bypass 2 x ⅜" BSP F

Weight 780 gms



MPA60000860 **\$133**

**With micro switch**  
MPA60001060 **\$184**

#### VRT3 MULTIFUNCTION

inc safety valve, thermal dump & injector

**4,060 psi** (280 bar) rated pressure  
4,500 (310 bar) permissible pressure,  
30 lpm, thermal dump activates at 56°C

Inlet ⅜" BSP F

Outlet ⅜" BSP M

Bypass ⅜" BSP F

Weight 970 gms



M4072000019 **\$156**



#### VRT3 (suits Stella 100 & some Scuds)

**3,200 psi** (220 bar) rated pressure  
3,630 (250 bar) permissible  
30 lpm, with gauge port

Inlet ⅜" BSP F

Outlet ⅜" BSP F

Bypass ⅜" BSP F

Weight 790 gms



M215010400 **\$133**



#### VRT100

(replaces 80/280 on large flow machines)

**4,640 psi** (320 bar),  
5,075 psi permissible pressure  
100 lpm, 90°C

Inlet ½" BSP F

Outlet ½" BSP F

Bypass 2 x ½" BSP F

Weight 1.17kg



M4072000033 **\$249**



#### VB350 (used on Scuds)

**5,000 psi** (350 bar), 40 lpm, 90°C  
5,650 psi permissible pressure

Inlet ⅜" BSP F

Outlet ⅜" BSP F

Bypass ½" BSP F

Weight 920 gms

BVB350 **\$252**

(5 pack bulk buy ... \$214 each)



#### VB53 (AISI 303) (used on Raptors)

**8,000 psi** (550 bar), 80 lpm, 90°C

Inlet ½" BSP F

Outlet ½" BSP F

Bypass ½" BSP F

Weight 1.03kg

BVB53 **\$1,038**



#### VB60/600 ZERO

**8,700 psi** (600 bar)  
permissible pressure,  
60 lpm, 60°C

Inlet ½" BSP F

Outlet ½" BSP F

Bypass ½" BSP F

MPA60260000 **\$1,212**



### ACCESSORIES UP TO 600 BAR (8,700 PSI)

#### VB200/280

**4,060 psi (280 bar)** rated pressure  
4,500 (310 bar) permissible pressure,  
200 lpm, 90°C

Inlet 3/8" BSP F  
Outlet 3/8" BSP F  
Bypass 3/8" BSP F  
Weight 3.48kg

MPA60430000

\$922



#### Thermal Dump Valves

#### THERMAL DUMP VALVES

Dumps water at pre-determined temperature to protect pump when on bypass. Dump temp 63°C, max pressure 145 psi, hose barb 7mm (15 pack bulk buy ... call for details)



Inlet

MPA60063000 1/4" BSP M \$37  
MPA60063050 3/8" BSP M \$37  
MPA60063070 1/2" BSP M \$37



#### K1 (INTERPUMP)

**3,625 psi (250 bar)** rated pressure  
41 lpm, 90°C

Inlet 3/8" BSP F  
Outlet 3/8" BSP M  
Bypass 1/2" BSP M

BIZK1

\$277



#### K7 (INTERPUMP)

**3,000 psi (210 bar)** rated pressure  
41 lpm, 90°C

Inlet 3/8" BSP F  
Outlet 3/8" BSP M  
Bypass 1/2" BSP F

BIZK70

\$291



#### Safety Valves Protects pump and unloader from pressure spikes (not pre-set).

#### MG1000

**3,600 psi (250 bar),**  
30 lpm, 90°C  
Inlet: 3/8" BSP M

MTM00033003

\$44



#### VS240

**3,500 psi (240 bar)**  
4,200 psi permissible pressure  
24 lpm, 60°C  
Inlet 3/8" BSP M

MPA60156000

\$65

(15 pack bulk buy ... call for details)



#### VS350

**5,000 psi (350 bar),** 25 lpm, 90°C  
5,650 psi permissible pressure  
Inlet: 3/8" BSP F  
Bypass: 3/8" BSP F  
Weight: 480 gms

MPA60058000

\$103

(5 pack bulk buy ... \$88)



#### HYDROTEK BURST DISK

**8,000 psi (550 bar)**  
Inlet: 3/8" NPT

HUPB85

\$111



HYDRO TEK.US



#### VS500

**7,300 psi (500 bar),** 80 lpm, 90°C  
8,100 psi permissible pressure  
Inlet: 1/2" BSP M  
Bypass: 3/8" BSP F  
Weight 1.46kg

MPA60520000

\$484



#### VS660

**9,500 psi (660 bar),**  
10,450 psi permissible pressure  
60 lpm, 90°C  
Inlet: 3/8" BSP F  
Bypass: 1/2" BSP F  
Weight 1.84 kg

MPA60064500

\$1,011



#### VS1500

**1,500psi (105 bar),** 180lpm,  
60°C, suits C3006 series  
Inlet G 3/4"  
Bypass G 1" M

BVS1500 REG

\$452



#### VS450-300

**4,350 psi (300 bar),** 450 lpm, 90°C  
4,800 psi permissible pressure  
Inlet: 1 1/4" BSP F  
Bypass: 1 1/4" BSP F

MPA60413000

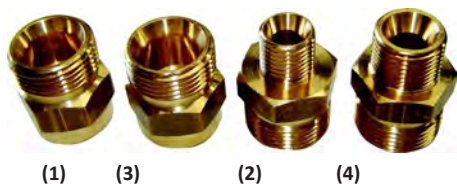
\$1,257





### GREAT RANGE, HUGE STOCKS, EXCEPTIONAL PRICES

#### FIXED QC REDUCERS (M22)

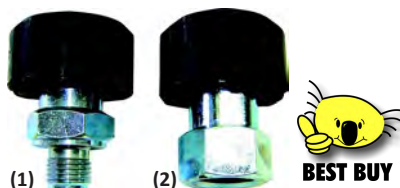


Max pressure 4,000 psi (275 bar), max flow 30 lpm, max temp 150°C (Long thread)  
Outlet: M22x1.5

	S/code	Inlet	Single buy	25 pack buy (SAVE 25%)
1	C1500.05	¼ G- F	\$9	\$168 (\$6.75 each)
2	C1500.06	¼ G- M	\$9	\$168 (\$6.75 each)
3	C1500.180	¾ G- F	\$9	\$168 (\$6.75 each)
4	C1500.24	¾ G- M	\$9	\$168 (\$6.75 each)
	M212003660 (short thread)	M22 M	\$13	\$236 (\$9.45 each)



#### QUICK COUPLINGS (M22)



Max pressure 4,000 psi (275 bar), max flow 30 lpm, max temp 150°C (short thread)  
Outlet: M22x1.5

	S/code	Inlet	Single buy	25 pack buy (SAVE 25%)
★	M212003550	1 ¼ G- M	\$19	\$354 (\$14 each)
★	M212003530	2 ¼ G- F	\$19	\$354 (\$14 each)
★	M212003540 (MPA26025050)	1 ¾ G- M	\$19	\$354 (\$14 each)
★	M212003520	2 ¾ G- F	\$19	\$354 (\$14 each)

(note some versions come with back-up ring)



#### REPLACEMENT O-RINGS

Suit 1/4" snap couplings

★	AGP100880 (single o-ring)	\$0.35
★	AGP100880-25 (25 pack)	\$7.80
★	AGP100880-100 (100 pack)	\$29

After turning off your pressure cleaner, release the pressure in the hose by pulling the gun trigger **before** uncoupling accessories ... this will extend the life of the coupling o-rings



Do not use plumbers tape on quick couplings because eventually the thread will jam. **If the coupling is leaking replace the o-ring.**



#### REPLACEMENT O-RINGS

Suit 1/4" snap couplings

★	AGP100880 (single o-ring)	\$0.35
★	AGP100880-25 (25 pack)	\$7.80
★	AGP100880-100 (100 pack)	\$28

Suit 3/8" snap couplings

★	AGP100881 (single o-ring)	\$0.35
★	AGP100881-25 (25 pack)	\$7.80
★	AGP100881-100 (100 pack)	\$29

Use couplings and nipples from the same manufacturer to minimize the risk of leaks

Ensure the couplings are grit free before connecting to extend life of o-ring



#### ¼" SS GP QCS & PLUGS



Max pressure 6,000 psi (410 bar), stainless steel quick connect couplers and plugs, max temp 80°C



	S/code	Inlet	Outlet	
★ 1	CD10072	¼" QC	¼ G- F	\$23
★ 2	CD10073	¼" QC	¼ G- M	\$23
3	CD10076	¼" QC	¼ G- F	\$11
4	CD10077	¼" QC	¼ G- M	\$11

#### ¾" SS GP QCS & PLUGS



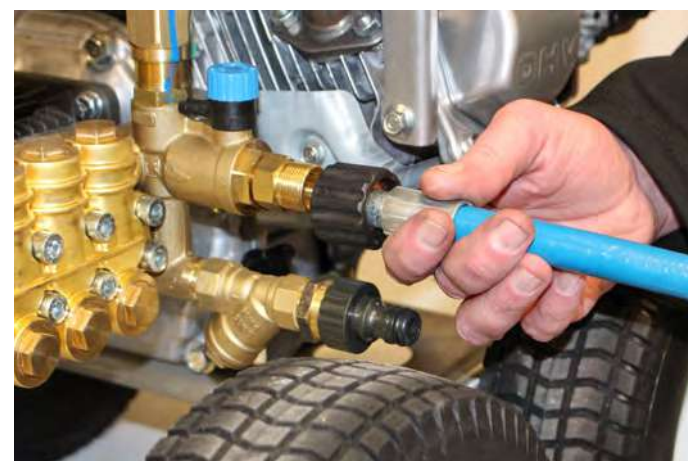
Max pressure 5,000 psi (350 bar), Stainless steel quick connect couplers & plugs, max temp 80°C



	S/code	Inlet	Outlet	
1	CD10074	¾ QC	¾ G- F	\$34
2	CD10075	¾ QC	¾ G- M	\$34
3	CD10078	¾ QC	¾ G- F	\$16
4	CD10079	¾ QC	¾ G- M	\$16

#### Aussie Quick couplers

- ✓ No tools needed
- ✓ Indispensable
- ✓ Convenient
- ✓ Low cost



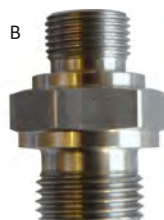
### COUPLINGS & NIPPLES TO 600 BAR

#### HIGH PRESSURE NIPPLES ... 4000 PSI / 7300 PSI



**4,300 psi, 300 bar Brass** high pressure nipples, must be used with sealing washers

S/code	Inlet	Outlet	
MTM35.0070	¼"	¼"	\$9
MTM35.0247	¾"	¾"	\$13



**7,300 psi, 500 bar stainless steel** high pressure nipples, must be used with sealing washers



	S/code	Inlet	Outlet	
	MPA13.5050.51	¼"	¼"	\$34
A	MPA13.5051.51	¾"	¾"	\$40
B	MPA13.5061.51	¾"	½"	\$47
	MPA13.5052.51	½"	½"	\$36

#### SEALING WASHERS

Copper washers



S/code	Size	
MTM39.0276	¼"	\$0.60
MTM39.0277	¾"	\$0.70

Steel washer with rubber insert



S/code	Size	
MTM39.0280	¼"	\$1.10
MTM39.0281	¾"	\$1.40
C7888812	½"	\$2.88

#### PA AR8 350 BAR QC (M24)



Max pressure 5,000 psi (350 bar), max flow 30 lpm (10 pack bulk buy ... call for details)

	S/code	Inlet	Outlet	
B	MPA26065030	¼ BSP M	M24 F	\$37
B	MPA26065050	¾ BSP M	M24 F	\$37
A	MPA26063020	¼ BSP F	M24 M	\$19
A	MPA26063040	¾ BSP F	M24 M	\$19
A	MPA26063050	¾ BSP M	M24 M	\$19

#### PA AR9 600 BAR QC (M24)



Max pressure 8,700 psi (600 bar), max flow 80 lpm, 160°C (10 pack bulk buy ... call for details)

	S/code	Inlet	Outlet	
A	MPA26094040	¾ F	M24 M	\$49
A	MPA26094050	¾ M	M24 M	\$50
A	MPA26094070	½ M	M24 M	\$53
B	MPA26095050	¾ M	M24 QC	\$126
B	MPA26095040	¾ F	M24 QC	\$126
B	MPA26095070	½ M	M24 QC	\$126

#### RECOMMENDED SEALANT

Loxal sealant for high pressure joints, 250ml bottles

S/code	Strength	
MTM22.0094	Thread locking (Loxal 54.03)	\$121
MTM22.0095	Permanent (Loxal 83.54)	\$124

Bulk pricing available





### GREAT RANGE, HUGE STOCKS, EXCEPTIONAL PRICES

#### DETERGENT INJECTORS

Adjustable chemical injector 

3,650 psi (250 bar), 90°C

Hose barb 7mm

Inlet G $\frac{3}{8}$ " F

Outlet Flow

MPA21015021 G  $\frac{3}{8}$ " M 15-20 lpm \$38

MPA21018021 M22 15-20 lpm \$40

Complete detergent injector kit

4,060 psi (280 bar), 150°C

Inlet M22x1.5 F

Outlet M22x1.5 M

FZX1763 11-15 lpm \$67

Flush injection system  
after using detergent to  
prevent clogging



#### HIGH PRESSURE GAUGES

1/4" NPT inlet

- High quality
- Easy read



S/code		
AGCDR0102	6,000 psi (415 bar)	\$47
AGAUGE700BAR	10,000 psi (700 bar)	\$71
AGAUGE100BAR	14,503 psi (1,000 bar)	\$331

A Test Kit (415 bar)

Aussie pressure test set includes  
gauge and fittings for testing pump  
output pressure & Bertolini Pump  
Maintenance Guide

ATESTSET \$103



#### PA SWIVELS



BEST BUY

3,650 psi (250 bar)

max permissible pressure 4,050 psi

40 lpm, 160°C

Inlet  $\frac{3}{8}$ " BSP M tapers 60°

Outlet  $\frac{3}{8}$ " BSP F

MPA26105000 \$30



5,100 psi (350 bar)

max permissible pressure 5,650 psi

40 lpm, 160°C

Inlet  $\frac{3}{8}$ " BSP M

Outlet  $\frac{3}{8}$ " BSP F

MPA26106100 \$78

(10 pack bulk buy ...  
call for details)



BEST BUY



#### SW 90 - 90° SWIVEL

3,625 psi (250 bar)

max permissible pressure 4,050 psi

40 lpm, 160°C



S/code	Inlet	Outlet	
MPA26130020	$\frac{1}{4}$ " BSP M	$\frac{1}{4}$ " BSP F	\$133
MPA26130040	$\frac{3}{8}$ " BSP M	$\frac{3}{8}$ " BSP F	\$139
MPA26130042	$\frac{3}{8}$ " BSP M	$\frac{1}{2}$ " BSP F	\$146
Repair kit	MPA26130524		\$34

#### SW 600 STAINLESS STEEL

8,700 psi (600 bar)

max permissible pressure 9,570 psi

60 lpm, 100°C

Inlet  $\frac{3}{8}$ " BSP F

Nozzle  $\frac{3}{8}$ " BSP M

MPA30584000 \$499



#### FUEL PUMPS FOR AUSSIE HOT WATER STEAMERS

S/code	Suits	
FCDR.1603	Stella 100/200	\$313
FPPGS40005	Super Indy Mk 3, TK (Top Pro), HD190 Admiral, HD275 Admiral	\$383
HBP10	most Hydrotek diesels	\$244
HBP15	fuel pump with integrated fuel valve (HSC series)	\$369



#### SOLENOID COILS

S/code	Suits	
FCDR1483	Stella 100/200	\$66
FMEBE43704	Super Indy Mk 2/3, TK (Top Pro), HD190 Admiral, HD275 Admiral	\$57
HBPV14	Hydrotek (110v)	\$47
HBPV15	Hydrotek (12v)	\$53





### PUMP PROTECTION TO EXTEND MACHINE LIFE

#### INLET STRAINER

145 psi (10 bar),  
30 lpm, 40°C  
Inlet ½" BSP F  
80 mesh



##### Outlet

MPA28030020	½" BSP F	\$45
MPA28030000	½" BSP M	\$45

#### BRASS STRAINER

50 mesh strainer  
Inlet BSP F  
Outlet BSP F



##### Inlet/Outlet

AYSTRAINER-200	½"	\$27
AYSTRAINER3/4	¾"	\$33
AYSTRAINER1"	1"	\$37

#### 5" CARTRIDGE FILTER



60 micron filters  
(cartridge element not included)

Inlet 1" BSP F  
Outlet 1" BSP F

C73429011 \$54

Cartridge element	C73429300	\$16
Mounting bracket	C73269098	\$19

#### IN-LINE PUMP SAVER

with low pressure hose fitting and ¾M adaptor



##### Outlet

MPA28030020P	¾" BSP F	\$64
--------------	----------	------

#### SUCTION FILTER

80 mesh filter  
145 psi (10 bar),  
55 lpm, 40°C



##### Inlet/Outlet

M8105038	½" BSP F	\$29
M8105042	¾" BSP F	\$29

#### BALL VALVES (TO 500 BAR)

Max temp 80°C, max pressure 7,000 psi



S/code	Inlet	Outlet	
MTM00089501	¼ BSP F	¼ BSP F	\$56
MTM00089502	¾ BSP F	¾ BSP F	\$65
MTM00089503	½ BSP F	½ BSP F	\$71

#### PLASTIC Y STRAINER

145 psi (10 bar)  
80 lpm, 40°C  
Inlet ¾" BSP F  
80 mesh



##### Outlet

MPA28015000	¾" BSP F	\$64
-------------	----------	------

#### FLOATS (used in Jetter break tanks)

145 psi (10 bar)  
60°C  
Inlet ¾" BSP M



MTM22.0001 \$41



### HOT WATER COILS ... GREAT LOW PRICES



S/code	Suits	
FTX01259	Mild steel coil for Stella 100 & 200	\$1,303
FTX01259SS	Stainless steel coil for Stella 100 & 200	\$2,216
FLAFN40469 (NEW)	Mild steel coil for Super Indy 1012 Mk 2 & Mk3	\$1,359
FLAGR40031 (NEW)	Mild steel coil for Sizzler	\$1,428
FLAFN40044 (NEW)	Mild steel coil for Super Indy 2015 Mk 2 & Mk 3	\$1,428
FLAFN47175	Stainless steel coil for Super Indy Mk 2 & Mk 3	\$2,606
FLAFN38136	Double mild steel coil for Admiral Mk 2 (IDAC88458)	\$1,954
FLAFN43585	Stainless steel coil for Admiral Mk 2 (IDAC40336)	\$3,576
FLAFN40464	Double mild steel coil for Admiral 4000 (IDAC40648) & Admiral Mk3 (IDAC40566)	\$2,052
FLAFN46850	Stainless steel coil for Admiral Mk 3 (IDAC88458)	\$3,854
HBC480	Hydrotek 3,000-4,000 psi coil (pre 2013)	\$2,522
HBC580	Hydrotek 5,000 psi coil (pre 2013)	\$5,481
HBC335	Hydrotek complete coil wrap assembly for SC series, production 2013 onwards	\$3,873
HBC484	Hydrotek complete coil only for SC series, production 2013 onwards	\$2,883



BEST BUY

### TOP QUALITY HP HOSE AT VALUE PACKED PRICES

#### HIGH PRESSURE CLEANING HOSES ... GREAT PRICES

Super high quality Aussie Pump high pressure hose range rated up to 600 bar, 8,700 psi



**Check condition of hoses daily & replace regularly.**  
Most water blasting injuries are caused by worn or damaged hoses.

#### WHIP HOSES

##### CONNECTING HOSE REELS TO MACHINES

3/8" R2 wire braid hose  
5,800 psi (400 bar) & hot water  
(with female 3/8" ends)



Length	S/code	
1m	AHW06FB6FB6X1	\$28
2m	AHW06FB6FB6X2	\$41
3m	AHW06FB6FB6X3	\$57
4m	AHW06FB6FB6X4	\$71

#### AUSSIE BLUE-PRO M22 ENDS

3/8" R2 (double wire braid hose) to 5,800 psi (400 bar) with M22 swaged couplings.  
Suits both cold & hot water machines.  
Non marking hose, suits all brands of professional pressure cleaners

- 5,800 psi rated hose
- Max water temp 155°C
- Suit all Class A professional blasters to 4,000 psi
- M22 couplings crimped (4,000 psi rated)



8m	AHW06M22X2X8	\$131
10m	AHW06M22X2X10	\$163

#### HOBBY GUN/LANCE HOSE UPGRADE KIT

2,700 PSI (190 BAR)



2,700 psi (190 bar)

hobby gun complete with Vario lance  
& 7 metres of R1 high pressure hose  
Includes 14mm to 15mm coupling adaptor

AGPDGLNH120 **\$139**

#### AUSSIE BLUE-PRO FEMALE ENDS

3/8" R2 (double wire braid hose) to 5,800 psi (400 bar) with female swaged ends.  
Suits both cold & hot water machines  
Non marking hose, suits all brands of professional pressure cleaners

- 5,800 psi rated hose
- Max water temp 155°C
- 3/8" F ends
- Suit all Class A blasters to 5,000 psi professional blasters



2m	AHW06FB6FB6X2	\$41
10m	AHW06FB6FB6X10	\$184
20m	AHW06FB6FB6X20	\$305
30m	AHW06FB6FB6X30	\$462
50m	AHW06FB6FB6X50	\$714
100m	AHW06FB6FB6X100	\$1,420

#### PIGTAIL WRAPPED, COLD WATER HOSE

3/8" R2 (DOUBLE wire braid hose) to 4,785 psi (330 bar)  
4,785 psi black hose, pigtail wrapped for extra hose protection against abrasion from dragging on rough surfaces and general ware.

3/8 FEMALE ENDS



10m	AR206FB6FB6PT10	\$313
30m	AR206FB6FB6PT30	\$719



**DAMAGED & WORN HOSE  
CAN CAUSE SERIOUS INJURIES!**



Check your hose daily for abrasion and replace at the first sign of wear.



M22 QC



M24 QC

#### Couplings for hoses

M212003540 (QC M22) 2 required	\$19 each
MPA26065050 (QC M24) 2 required	\$37 each

Under AS/NZ 4233.2:2103 ,Section 6 paras 6.4.2 & 6.4.3 cover marking of hoses assemblies, hoses used on Class B machines must be certified.

### 5,000 PSI AUSSIE BLUE-PRO CLASS B CERTIFIED

Certified Aussie Blue-Pro hose  $\frac{3}{8}$ " R2 (double wire braid hose) to 5,800 psi (400 bar) with female swaged ends.

Suits both cold & hot water machines

Non marking hose, suits all brands of professional pressure cleaners

- Suit all **Class B** blasters to 5,000 psi professional blasters
- **Individual hose test certificate**
- 5,800 psi rated hose
- Max water temp 155°C
- $\frac{3}{8}$ " F ends

2m	AHW06FB6FB6X2C	<b>\$106</b>
10m	AHW06FB6FB6X10C	<b>\$249</b>
20m	AHW06FB6FB6X20C	<b>\$370</b>
30m	AHW06FB6FB6X30C	<b>\$527</b>
50m	AHW06FB6FB6X50C	<b>\$779</b>
100m	AHW06FB6FB6X100C	<b>\$1,485</b>



### SPECIALIST SEWER CLEANING HOSE

More flexible Hard wearing Smaller diameter Extra long lengths



### 7,300 PSI (500 BAR) ULTRA HIGH PRESSURE HOSE

$\frac{3}{8}$ " R2 wire braid hose, 3/8 M BSP ends, 150° C rated, for Quick Couplings refer p 54

- 7,300 psi rated (500 bar)
- Max water temp 150°C,
- $\frac{3}{8}$ " M ends
- **Individual hose test certificate**
- suit all Aussie Raptors & other 500 bar blasters

Additional coupler may be required to fit replacement hose to gun (refer p65 .... AR9 500 bar couplings)

10m	A3641443109	<b>\$616</b>
20m	A3641443209	<b>\$903</b>
30m	A3641443309	<b>\$1,153</b>



### 8,700 PSI (600 BAR) ULTRA HIGH PRESSURE HOSE

R2 wire braid hose, M24 couplings, 150°C rated,

- 8,700 psi rated (600 bar)
- **Individual hose test certificate**



10m	A3686976109	poa
20m	A3686976209	poa
30m	A3686976309	poa

### NEW HOSE RESTRAINT

Stainless steel hose restraint sock with carabiner & bracket. Connects between hose and gun or mini reel couplings. Use to restrain the hose in the event of a coupling failure . Required with Class B machines under AS/NZS4233.1



AD HRSS10 (3/8" thermoplastic hose)	<b>\$120</b>
AD HRSS8 (1/4" thermoplastic hose)	<b>\$95</b>
AHRANCHORPLATE	<b>\$7</b>
(attaches restraint to gun/lance or mini reel)	

### AUSSIE REDFLEX SEWER HOSE

The super strong thermoplastic coating means the hose is stiffer but harder wearing. (5,000 psi ,1/4 BSP M ends)

- $\frac{1}{4}$ " for general drain clearing (60m)  
AHOSE RF8-60M **\$775**
- $\frac{3}{16}$ " for gullies & tight corners (60m)  
AHOSE RF6-60M **\$709**
- $\frac{3}{8}$ " for large flow machines (60m) (3/8" M ends)  
AHOSE8 3/8 60M **\$943**



### AUSSIE SUPER WORM HOSE (15 METRES)

$\frac{1}{8}$ ", 5,000 psi rated, super flexible sewer hose, ideal for small drains and tight bends. Complete with compressor nozzle & quick fit tail.

AHOSE8 1/8 15M **NOW \$373**





## WORK SAFE ... REMOVE TRIP HAZARDS & EXTEND HOSE LIFE

### AUSSIE 'REEL MATE' HOSE REEL KITS WITH HOSE .... GREAT VALUE

The best value when you're buying both reel & hose!  
Includes hose reel, R2 double braid hp hose, whip hose & mount.  
Mount to machine frame, truck bed or wall ... **IT'S EASY!**



Model	Reel mate 3,500	Reel Mate 4,000
S/code	AD30001	ADHR40100D
Pressure rating	3,500 psi (240 bar)	4,000 psi (275 bar)
Hose length	15m	30m
Hose type	R2 5/16"	R2 3/8"
Whip hose	0.25m	1.4m
Inlet	M22 F QC	M22 F QC
Outlet	M22 F QC	M22 F QC
Foot print suits Scud frames	✓	✓
Weight	12 kg	25 kg
Boxed dimensions LxWxH	300 x 290 x 340mm	400 x 350 x 450mm
	<b>\$523</b>	<b>\$782</b>
Replacement swivel	AGP100887 \$79	AGP2103051 \$93
Repair kit	AGP2100278 \$25	AGP2100278 \$25
QC nipple to connect to gun	C1500.24 \$9	C1500.24 \$9
Replacement handle	AGP100056 \$13	AGP100056 \$13

### AUSSIE HOSE REELS ...

Extend hose life & improve safety ... store extra long hose lengths (hose sold separately). Whip hose included.



Model	Reel 5030	Reel 5045
S/code	ADHR50100D	ADHR50150D
Pressure rating	5,000 psi (350 bar)	5,000 psi (350 bar)
Hose capacity	30m	50m
Inlet	3/8" M swivel	3/8" M swivel
Outlet	3/8" NPT F	3/8" NPT F
Footprint suits Scud frames	✓	✓
Weight	8 kg	8 kg
Boxed dimensions LxWxH	390 x 330 420mm	390 x 330 420
	<b>\$418</b>	<b>\$441</b>
Replacement swivel	AGP2103051 \$93	AGP2103051 \$93
Repair kit	AGP2100278 \$25	AGP2100278 \$25
Replacement handle	AGP100056 \$13	AGP100056 \$13
Additional couplings may be required		

### HOSE REEL CARTS ... GO MOBILE

Available with 15m or 30m hose reel kits.  
Assembly of cart and mounting of hose reel required

Model	Reel Cart 3,500	Reel Cart 4,000
S/codes	AD30001 (reel) AGP2100436 (cart)	ADHR40100D (reel) AGP2100436 (cart)
Pressure rating	3,500 psi (240 bar)	4,000 psi (275 bar)
Hose length	15m	30m
Hose type	R2 5/16"	R2 3/8"
Whip hose	0.25m	1.4m
	<b>\$731</b>	<b>\$990</b>



### NEW AUSSIE RETRACTABLE HOSE REEL KITS ... CONVENIENT & SAFER (5,000 psi)

Wash bay essential ... **INDUSTRIAL**



Includes 20 metre 400 bar high pressure hose with M22 coupling.  
Made in USA.

APW7600OHP106

poa



More options available ... call for details

### 5,000 PSI HEAVY DUTY HOSE REEL ... 4418

Takes up to 80m of 3/8" 5,000 psi hose

- ♦ Locking pin
- ♦ Friction brake
- ♦ Heavy duty mounting plate
- ♦ 5,000 psi hose and whip hose sold separately

A4418-REEL

**\$629**



Whip hose (2m)	5,000 psi cold/hot water	AHW06FB6FB6X2	\$41
Replacement swivel	1/2" x 3/8"	AD MNRS4418	\$158
Swivel repair kit		AD MNRRK	\$37
Replacement handle		A2589	\$40

### STAINLESS STEEL REELS .... HOT WATER RATED

The Hydrotek hose reels are made with rust-proof stainless & zinc plated steel to withstand harsh environments. 304 stainless steel hose reel, **rated to 120°C**, for use with hot water pressure cleaners.



Model	Hydrotek Reel 150	Hydrotek Reel 151	Hydrotek Reel 152	Hydrotek Reel 700	Hydrotek Reel 425 (pivoting reel)	Double Stack Hydrotek Reel 325 (two reels + frame)
S/code	HAR150	HAR151	HAR152	HAR700	HAR425	HAR325
Pressure rating	5,000 psi (350 bar)	5,000 psi (350 bar)	Low pressure	7,300 psi (500 bar)	5,000 psi (350 bar)	5,000 psi (350 bar)
Hose capacity	30m	75m	25m ( of 3/4" hose)	30m	45m	75m (each)
Inlet	3/8 F	3/8 F	3/8 F	3/8 F	3/8 F	3/8 F
Outlet	3/8 F	3/8 F	3/8 F	3/8 F	3/8 F	3/8 F
Footprint suits Scud frames	✓	x	x	x	x	x
Weight	12 kg	12 kg	12 kg	12 kg	12 kg	45 kg
Boxed dimensions LxWxH (mm)	470 x 470 x 480	470 x 470 x 480	470 x 470 x 480	470 x 470 x 480		
	<b>\$611</b>	<b>\$770</b>	<b>\$509</b>	<b>\$1,344</b>	<b>\$832</b>	<b>\$1,577</b>
Whip hose	Refer p 60, specify fittings required when ordering					
Replacement swivel	HDR058	\$166	HDR058	\$166	HDR058	\$166
Swivel Repair kit	HDR059	\$37	HDR059	\$37	HDR059	\$37

**500 BAR**



**HAR150 ...**  
friction brake with infinite drag settings to prevent free-spooling.



**HAR151 ... 5,000 psi swivel**  
locking pin & super heavy duty mounting plate



**HAR425...**  
Pivoting reel, for machine or wall mounting, friction brake, 360° rotation (gun & hose sold separately)



**SAVE SPACE ... HAR325**  
2 reels, double stacked, one HAR151 + one low pressure supply reel with capacity for 45m low pressure hose



HYDRO TEK.US



**Hose reels extend hose life & add safety & convenience.**

### 5,000 PSI STAINLESS STEEL HOSE REEL ... 4418 SS

Takes up to 80m of 3/8" 5,000 psi hose

- ♦ Locking pin
- ♦ Friction brake
- ♦ Heavy duty mounting plate
- ♦ 5,000 psi hose & whip hose sold separately

A4418SS-REEL

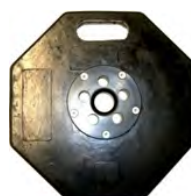
**\$824**



### AUSSIE DRAIN CLEANING KIT

Convert your pressure washer to a drain cleaning jetter. Includes Aussie Viper Mini Reel with 60 metres of 3/16" sewer hose. Full Aussie Jetters Tool Box, including quick coupler to fit to end of blaster high pressure hose and safety plate.

ADRAINKIT  
**\$3,090**



More drain jetting accessories p 30



### CUT CLEANING TIMES UP TO 75% & SAVE WATER

#### FLAT SURFACE CLEANERS

Fast, streak free cleaning ... ideal for large flat areas.

High pressure flat surface cleaners 'float on water'. These spinners are designed to operate from any electric or engine drive pressure cleaner giving a streak free finish.

- ♦ Cut cleaning times up to 75%
- ♦ Use less water, save fuel, cut machine wear
- ♦ Eliminate overspray

#### Match nozzle size to your machine

Size your nozzle requirement using the

pressure and flow of your blaster (see nozzle selection table p 61)

Divide nozzle size required by number of nozzles in spinner.

**Order new nozzles if required.**



Model	15" Semi Pro Spinner
S/code	FNA80166
Max pressure	3,600 psi
Max temp	60°C
Max flow rate	11 lpm
Inlet with 90° swivel	1/4" QC plug
Boxed measurements	380 x 390 x 160mm
Weight	2.2 kg
Cleaning speed	10m <sup>2</sup> per min
No of nozzles	2
	<b>\$208</b>

NOTE:  
700mm lance with quick coupler, sold separately



Model	20" Spinner
S/code	AGPDFSC20
Max pressure	4,000 psi (275 bar)
Max temp	80°C
Max flow rate	30 lpm
Inlet	3/8" NPT-F
Boxed measurements	900 x 560 x 340 mm
Weight	9 kg
Cleaning speed	20m <sup>2</sup> per min
No of nozzles	2 x 020
	<b>\$1,154</b>

#### Replacement parts

Gun	AGPCDG4000FSC	\$101
Rotary swivel	AGP2103220	\$399
Swivel repair kit (major)	AGP2100372	\$235
Swivel repair kit (minor)	AGP2100203	\$62
Nylon brush skirt	AGP2660059	\$165
Rotary arm	AGP2530009	\$88
Plastic deck	AGP2660045	\$175
Nozzles (each)	C925020M	\$20



Model	22" Cylone
S/code	AGPDFSCS22Z
Max pressure	4,000 psi (275 bar)
Max temp	80°C
Max flow rate	30 lpm
Inlet	3/8" NPT-F
Boxed measurements	900 x 580 x 340 mm
Weight	11 kg
Cleaning speed	25m <sup>2</sup> per min
No of nozzles	3 x 020
	<b>\$1,449</b>

#### Replacement parts

Gun	AGPCDG4000FSC	\$101
Rotary swivel	AGP2103220	\$399
Swivel repair kit (major)	AGP2100372	\$235
Swivel repair kit (minor)	AGP2100203	\$62
Nylon brush skirt	AGP2103223	\$165
Rotary arm	AGP2103224	\$88
Caster (x1)	AGP2103228	\$29
Nozzles (each)	C925020M	\$20



### FASTER, SMARTER CLEANING



**28" Hydro Twister**



**Twister Vac**  
(hose not included)



#### NEW Contractor Multi Twister ...

4 easy to select functions in one tool

1. 28" flat surface cleaner
  2. Gum spotter nozzle
  3. Water broom for quick rinse
  4. NEW! Edging tool
- Quick connect fittings for fast changeover
  - Gum spot nozzle, under deck .... prevents overspray
  - The edging tool ... cleans the strip along the edge of walls, pillars, or buildings
  - Rear casters lock to clean in a straight line
  - Rear splash guard keeps operator dry



Dual gun operation

Model	28" Hydro Twister
S/code	HANT28
Max pressure	4,000 psi (275 bar)
Max temp	120°C
Max flow rate	35 lpm
Boxed measurements	1350 x 720 x 160 mm
Weight	15 kg
Cleaning speed	35m <sup>2</sup> per min
No of nozzles	2 x 027
	<b>\$2,413</b>

#### Replacement parts

Rotary swivel	HVAM04	\$415
Swivel repair kit (major)	HVAM00	\$221
Rotary arm	HVAM25	\$209
Caster (x1)	HHT300	\$26
Nozzles (each)	HNM270	\$15

Model	24.5" Twister Vac
S/code	HANTV5
Max pressure	4,000 psi (275 bar)
Max temp	93°C
Max flow rate	25 lpm
Boxed measurements	1360 x 720 x 160mm
Weight	15 kg
Cleaning speed	25m <sup>2</sup> per min
No of nozzles	2 x 030
	<b>\$3,858</b>

#### Replacement parts

Rotary swivel	HVAM04	\$415
Swivel repair kit (major)	HVAM00	\$221
Nylon brush set	HHLH97	\$138
Rotary arm	HVAM24	\$267
Caster (x1)	HHT300	\$26
Nozzles (each)	HNM270	\$15

Model	28" Multi Twister
S/code	HANT4C
Max pressure	4,000 psi (275 bar)
Max temp	120 °C
Max Flow rate	21 lpm
Boxed measurements	1350 x 720 x 160mm
Weight	15 kg
Cleaning speed	35m <sup>2</sup> per min
No of nozzles	2 X 027
	<b>\$3,016</b>

#### Replacement parts

Rotary swivel	HVAM04	\$415
Swivel repair kit (major)	HVAM00	\$221
Nylon brush skirt	HHLH72	\$138
Rotary arm	HNSB02	\$219
Caster (x1)	HHT300	\$26
Nozzles	HNM202	\$15
(require two of each)	HNM102	\$15

### AUSSIE TELE-WAND ...

19' (5.5m) telescopic Tele-wand, great for washing under eaves or windows, includes **FREE** harness kit valued at \$40

EXTENDS TO 5 METRES



Replacement parts

Gun	AGPDCG4000TS	\$103
Harness kit	AGPD20015	\$40

#### COMMERCIAL

**4,000 psi** (275 bar), 1/4" QC outlet  
Retracted length 2.3m  
**Extends to 5.5m**  
40 lpm, 90°C,  
Fibreglass outer poles

AGPDLTG18 \$399

NB: Requires  
Quik Tip nozzle,  
sold separately  
(see p 60)

**BEST BUY**

**FREE  
HARNES KIT**

Shipping weight 5kg  
Boxed dimensions (mm):  
2090 x 180 x 70

#### INDUSTRIAL

**4,000 psi** (275 bar), 1/4" QC outlet  
Retracted length 2.3m  
**Extends to 5.5m**  
40 lpm, 90°C,  
Aluminium outer poles

AGPDCLTG18A \$464

NB: Requires  
Quik Tip nozzle,  
sold separately  
(see p 60)

**FREE  
HARNES KIT**

Shipping weight 5kg  
Boxed dimensions (mm):  
2090 x 180 x 70

### GRIT BLAST KITS ... REMOVE PAINT OR RUST FASTER

#### PROFESSIONAL GRIT BLAST KITS

**TS 33 3,200 psi** (220 bar),  
Permissible pressure 3,625 psi  
Tungsten carbide tip,  
500mm zinc probe, 6m hose, 400mm lance  
with M22 coupling & 035 nozzle

M202903460 \$215



**5,000 psi** (350 bar) professional,  
(nozzle not included, use 0° nozzle)  
8 metres of nylon braided hose & sand  
probe  
Inlet 1/4" BSP F  
(note additional couplings & lance may be  
required)

MTM160172 \$332



#### 500 BAR GRIT BLASTER

TPS 450 Kit (**500 Bar, 7,300 PSI**) grit blast  
kit, c/w probe, plastic hose, 800mm lance,  
gun, nozzle & nipple for quick coupling

S/code	
TPS450/_ _ _ GLK (specify nozzle size required)	\$1,443

REPLACEMENT PARTS ...

C4700.18 Head only	\$602
C4604.04 Hose barb	\$120
Repair kit for head (C650419)	\$291



#### TS12 SAND BLASTER

**500 Bar, 7,300 PSI** grit blast head with a flat  
spray pattern, 80 lpm, 90°C  
Inlet 1/4" BSP F  
Nozzle 1/4" NPT M (15°)

S/code	
MPA25.0450.00 Head only	\$815
MPA25.0300.20 Hose barb	\$120





### FOAMERS

Spray detergents, degreasers disinfectants without chemicals going through the pump.

#### 2,600 psi (180 bar) LS3

max permissible pressure  
12 lpm, 60°C, 1 litre capacity  
Inlet ¼" BSP F  
Nozzle 1.25mm



#### MPA25152612 \$137

(requires C1500.06 coupling to fit to gun, p66)

#### 3,200 psi (220 bar) LS12

max permissible pressure  
25 lpm, 60°C, 2 litre capacity  
Inlet ¼" BSP F  
Nozzle 1.5mm



#### MPA25184215 \$173

(requires C1500.06 coupling to fit to gun, p66)

### FOAM JET KIT

Can shoot detergent up to 3 stories.

5,000 psi (350 bar) max pressure  
21 lpm, 60°C, 10m of inlet hose,  
Inlet ¼" BSP F  
Nozzle 3 nozzles, 1.25, 1.5 & 1.7mm

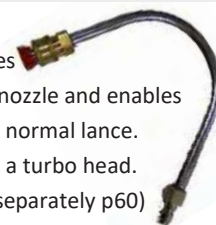
#### MTM140289 \$215



### GUTTER CLEANER

#### DITCH THE LADDER

Unique design attaches in place of a Quik Tip nozzle and enables gutter cleaning with a normal lance. Can also be used with a turbo head. (Quik Tip nozzle sold separately p60)  
Inlet: QC Outlet: 1/4" M tale  
AGPD20011 \$37



### ACID VENTURI

Clean brickwork fast!

Inlet: ¼ BSP M  
Ratio 6:1  
Hose barb 7mm  
CGMA025 \$61



### TANKS & SKID SETS

Build your own truck, ute or trailer mounted high pressure water blaster

Tank, skids and plumbing kit, including tank straps

Capacity	S/code	Dimensions LxWxH (mm)	
750 litre with skids	HT185KIT	2030 x 1300 x 1120	\$1,664
1000 litre with skids	HT270KIT	2030 x 1300 x 1120	\$2,028



### WHEELS ... TOP QUALITY STEEL WHEELS WITH PNEUMATIC & FLAT FREE TYRES



	S/code	Size	Suits	Axle size	
A	A400015	10"	AB Scud 30/40 & Monsoon 140/200 flat free	16mm (5/8")	\$37
	A400016	13"	Scud 350-400, Ultra & Predator, flat free	16mm (5/8")	\$53
B	A400016-HD	13"	Scud 350-400, Ultra & Predator, flat free for diesel powered units	16mm (5/8")	\$63
C	HAHS10	10"	Hydrotek wheel kit (4 wheels & axle kit), suits HSS series only	19mm (3/4")	\$260
D	AWHEELCOBRA	10"	Cobra/King Cobra	19mm (3/4")	\$89
E	AWHEELDIESEL	16"	Diesel Raptors & Predators	25mm (1")	\$102

### NEW AUSSIE SMART CART

Strong & robust universal trolley

- ♦ 10" flat free wheels
- ♦ Suits mounting of pumps, pressure cleaners, generators and hose reels
- ♦ Suits up to 7HP engines
- ♦ Base 37cm long x 27cm

AGP2100436  
\$218





### 500 BAR GUN LANCE KIT



- RL 57 7,250 psi (500 bar), 28 lpm, 160°C, permissible pressure 8,000 psi (Inlet 3/8" BSP F)
- 5,800 psi (400 bar) 1050mm lance with melted handle, permissible pressure 6,400 psi, 160°C, Outlet 1/4" NPT F
- Ceramic nozzle or turbo head sold separately

MPA30473000 gun/lance kit \$575



### 8,000 psi SPRAY Gun (all Aussie Raptors)

RL84

7,300 psi(500 bar), 80 lpm, 100°C

Permissible pressure 8,100 psi

Inlet 1/2" BSP F

Outlet 1/2" BSP F

Use P/A single lance

MPA30540000 \$472

(300mm shoulder rest MPA30501921 \$49)



### RL 800 500 BAR PA SINGLE S/S LANCE

Suits RL84, 7,300 psi (500 bar),

Permissible pressure 8,100 psi, 200 lpm,

43°C, Inlet 1/2" BSP M, Outlet 1/4" NPT F

400mm MPA30500040 \$209

800mm MPA30500080 \$247

1250mm MPA30500092 \$387

Requires ceramic tip nozzle sold separately



### TURBO HEADS

500 bar series

7,200 psi, 500 bar, 40 lpm

EWP up to 12,000 psi

Max temp: 90°C

Inlet 1/4" F



CTN500-020H \$1,599 (Raptor 12)

CTN500-025H \$1,599 (Raptor 16)

CTN500-030H \$1,599 (Raptor 18)

CTN500-035H \$1,599 (Raptor 21)

More sizes available

Repair kit

CTN500-\_\_REP \$1,038

### 500 BAR CERAMIC TIP NOZZLES

Aussie White Tip 500 bar 0° & 15° nozzles, nozzle material ceramic, inlet 1/4" NPT M ...

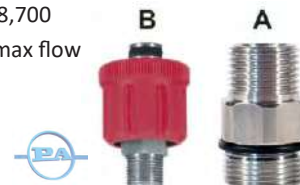
\$131 each



Size	0° (pencil jet)	15° (fan)
025	M0124006100	M0124006110
030	M0124006200	M0124006210
035	M0124006300	M0124006310
040	M0124006400	M0124006410
045	M0124006500	M0124006510
050	M0124006600	M0124006610

### PA AR9 QC (M24)

Max pressure 8,700 psi (600 bar), max flow 80 lpm, 160°C



	S/code	Inlet	Outlet	
A	MPA26094040	3/8" F	M24 M	\$53
A	MPA26094050	3/8" M	M24 M	\$53
A	MPA26094070	1/2" M	M24 M	\$53
B	MPA26095050	3/8" M	M24 QC	\$126
B	MPA26095070	1/2" M	M24 QC	\$126

### UNLOADER VB53 (Aisi 303)

8,000 psi (550 bar), 80 lpm, 90°C

Inlet 1/2" BSP F

Outlet 1/2" BSP F

Bypass 1/2" BSP F

BVB53 \$1,038



(more options p 62)

### UNLOADER VB60/600 ZERO

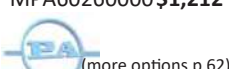
8,700 psi (600 bar) permissible pressure, 60 lpm, 60°C

Inlet 1/2" BSP F

Outlet 1/2" BSP F

Bypass 1/2" BSP F

MPA60260000 \$1,212



(more options p 62)

### SAFETY VALVE VS500

7,300 psi(500 bar), 80 lpm, 90°C

8,100 psi permissible pressure

Inlet: 1/2" BSP M

Bypass: 3/8" BSP F

MPA60520000 \$484



(more options p 63)

### 7,300 PSI HOSE ... BLASTERS UP TO 500 BAR

	Length	S/code	
7,300 psi (500 bar)	10m	A3641443109	\$616 3/8" R2 wire braid hose,
	20m	A3641443209	\$903 3/8" M BSP ends, 150°C
	30m	A3641443309	\$1,153 rated, certified for Class B

### HOSE RESTRAINTS ... OH&S REQUIREMENT

All class B machines must have a hose restraint to comply with the Australian safety standard. Hose ruptures account for 90% of operator injuries, protect your operators!



AD HRSS10 (3/8" thermoplastic hose) \$120

AD HRSS8 (1/4" thermoplastic hose) \$95

### ST 500 FOOT VALVES & WHIP HOSE



Stainless steel housing, & valve,  
rubber feet, includes 3m whip hose  
max 500 bar, 40 lpm, 150°C  
Inlet M24 M  
Outlet M24 M

AST500-M24 **\$902**

**350 BAR** (40lpm max flow)

AST540-2605 **\$578**



Replacement 500 bar whip hose, 3m  
Inlet M24 F  
Outlet M24 F

A3641443039 **\$407**



HIGH PRESSURE ACCESSORIES

### 10,000 PSI HOSE REEL

#### SUPER HEAVY DUTY HOSE REEL



10,000 psi rated Recoil super heavy duty  
hose manual hose reel

- with hose guide
- 100m hose capacity
- Strengthening struts
- electric & hydraulic drive options available
- Australian made
- Hose sold separately

AC124 **\$3,450**



### GRIT BLAST KITS ... REMOVE PAINT OR RUST FASTER

#### 500 BAR GRIT BLASTER

TPS 450 Kit (**500 Bar, 7,300 PSI**) grit blast kit,  
c/w probe, plastic hose, 800mm lance, gun,  
nozzle & nipple for quick coupling

S/code	
TPS450/___GLK (specify nozzle size required)	<b>\$1,443</b>
REPLACEMENT PARTS ...	
C4700.18 Head only	<b>\$602</b>
C4604.04 Hose barb	<b>\$120</b>
Repair kit for head (C650419)	<b>\$291</b>



#### COMPLETE TURBO KITS

##### 500 BAR TURBO KIT

**500 bar (7,300 psi)** includes turbo head, gun, 800mm lance, nozzle & quick coupling nipple



CTN500-\_\_\_GLK **\$2,077**  
(insert nozzle size)

#### TS12 SAND BLASTER

**500 Bar, 7,300 PSI** grit blast head with a flat  
spray pattern, 80 lpm, 90°C  
Inlet ¼" BSP F  
Nozzle ¼" Npt M (15°)

S/code	
MPA25.0450.00 Head only	<b>\$815</b>
MPA25.0300.20 Hose barb	<b>\$120</b>



### AUSSIE SAFE-OPERATOR SAFETY AWARENESS TRAINING ...

Aussie run essential operator safety awareness courses to train operators in the safe use of our class B hydro-blasters



### STAY SAFE ... PERSONAL PROTECTION UP TO 500 BAR

#### Aussie Pumps SAFE OPERATOR

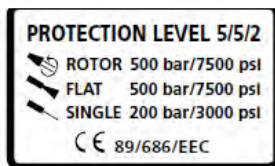
##### 500 BAR HOSE SHROUDS



Hose ruptures account for 90% of operator injuries.

The hose shroud is placed on the hose at the connection to the gun. This provides effective protection for the operator as it has been tested for 500 bar / 7500 psi. An adjustable strap holds the hose shroud securely in place.

Length: 750 mm  
Diameter: 41 mm  
Weight: 0.2 kg  
ATST56600455920 **\$233**



##### Comfort, Function and Safety - Pro Operator

Dyneema® is the world's strongest fibre.

(15 times stronger than steel on a weight for weight basis). This makes it possible to offer high levels of protection against water jetting hazards even with lightweight fabric. Being much thinner and more flexible than traditional materials, such as leather, cotton and metals, products made with Dyneema® fibre will be very comfortable. Employees will appreciate this comfort, combined with higher protection, and consequently are more likely to wear them at all times.

Dyneema® is a registered trademark of Royal DSM N.V

##### APRON

The full area of the Apron has built-in protection. Good alternative protection in warm environments.

- Adjustable neckband .. adjusts position of apron
- Adjustable waistband ... takes weight off the neck

- Easy to put on & take off
- Recommended for work on flat surfaces
- One size
- Weight 0.7 kg

ATSTP5623025 **\$530**



##### GLOVES

Pack of 12 pairs of gloves,  
Size 8 or 11

ATSTP5600025xx **\$1,910**

Individual pairs of gloves,  
size 8 or 11

ATSTP5600025xxS (xx = size) **\$199**



##### HEAD PROTECTION .. 3,000 BAR

Helmet with safety visor & hearing protectors.

- Comfortable
- Adjustable fit
- Replaceable visor that can be set in folded up position
- 3 point chin strap

- Adjustable hearing protectors for optimum protection & comfort
- Weight 0.85kg
- Temp range -30°C to 150°C

ATST51K0216890 **\$533**



##### AUSSIE STOP-JET BOOTS ... CE CERTIFIED TO 500 BAR

Designed for comfort, performance and grip. Completely vulcanised rubber boots fitted with steel toecaps and sole inserts. Black areas on uppers indicate areas that withstand high pressure water jets up to 500 bar.

- Adjustable top strap
- Waterproof
- Textile inner lining for comfort
- Easy to pull on
- Sizes 42-48



ATST5652025xx **\$485**

Prot. Level	Pressure bar (psi)	Flow (l/m)	Nozzle type	Dist. (mm)	Speed (m/s)	Result
5/5/3	500 (7500)	16.9	Rotary jet	75	0.5	No penetration
5/5/3	500 (7500)	16.9	15° fan jet	75	0.5	No penetration
5/5/3	300 (4,350)	13.1	Pencil jet	75	0.5	No penetration

Conversion table for shoe sizes

EUR	US	UK
42	9	8
43	9½	9
44	10½	10
45	11½	11
46	12	11½
47	13	12½
48	13½	13½





### OVERALL WITH HOOD

3-layer functional overall which is CE certified for protection against water jets to 500 bar. Excellent for the toughest conditions! Lined for high comfort. Waterproof and dirt repellent outside.

Weight 2.5 kg / 5.5 lbs. (Overall size L).

Sizes XS–3XL

ATSTP5640025xxx (xxx = size) **\$1,632**

Hi-vis option...

ATHV5640025xxx (xxx =size) **\$1,808**

- ♦ Detachable hood with 3 adjustments
- ♦ 2 pockets with water proof zippers
- ♦ Inside are cuffs ... prevent leakage
- ♦ Elasticated waist
- ♦ Zippers at bottom of legs
- ♦ Water proof front zipper with overlapping flap
- ♦ Knife pocket on right leg
- ♦ Pockets for knee pads
- ♦ ID pocket
- ♦ Reinforced knees
- ♦ Adjustable cuffs
- ♦ Ventilation zips in armpits

### HI VIS VEST

Comfortable vest with protection on both the front and back. Water & dirt repellent outside

- ♦ Protection all around the vest
- ♦ Good for warm environment
- ♦ Special pocket for phone

Weight 1 kg / 2.2 lbs. (Overall size L).

Sizes S–3XL

ATST5620025HVVxx (xx =size) **\$1,229**



### JACKET WITH HOOD

3-layer functional jacket which is CE certified for protection against water jets to 500 bar. Very comfortable and flexible . Lined for high comfort. Waterproof and dirt repellent outside. Thoughtful details such as opening ventilation in the armpit, comfortable cuffs and adjustable hood.

Weight 1.6 kg / 3.5 lbs. (Jacket size L).

Sizes XS–3XL

ATSTP5622025xxx (xxx =size) **\$1,068**

Hi-vis option...

ATHV5622025xxx (xxx =size) **\$1,204**



### TROUSERS

3-layer functional trousers which are CE certified for protection against High Pressure Cleaning. Very easy to put on and off. Adjustable elastic waist for perfect fit. Waterproof and dirt repellent outside. Practical details such as knife pocket, leg pocket and dual loops for belt. Zippers down on the legs allows them to widen to facilitate donning the boots.

Weight 1.3 kg / 2.9 lbs. (Trousers size L).

Sizes XS–3XL

ATSTP5632025xxx (xxx = size) **\$815**

Hi-vis option...

ATHV5632025xxx (xxx =size) **\$952**



Jacket, Trousers, & Overall	Height (cm)	Chest (cm)
XS	160-167 (5'3"-5'6")	84 (33")
S	168-175 (5'6"-5'9")	92 (36")
M	176-180 (5'9"-5'11")	100 (39")
L	181-186 (5'11"-6'1")	108 (43")
XL	187-192 (6'2"-6'4")	116 (46")
2XL	193-200 (6'4"-6'7")	124 (49")
3XL	201-206 (6'7"-6'9")	132 (52")

### SAFE OPERATOR TRAINING

**New Australian Standards** on the use of high pressure water jetting systems (AS:NZS4233.1-2013) states that operators of Class A pressure cleaners, typically to 4,000 psi, must be trained in identifying risk and the safe use of the equipment.

For Class B machines, 5,000 psi and above, or high flow blasters, operators must undergo formal training in high pressure jetting and be certified.

Aussie Pumps run safety training courses with a huge emphasis on safety awareness. The training program details, in a very down to earth way, the value of using indispensable labour saving equipment, without running the risk of disablement or injury.

Call Aussie Pumps for more details of the **FREE** courses.

### STAY COOL ... REDUCE THE RISK OF HEAT STRESS

#### DURATION?

Lasts for 90 minutes in a 60°C/140°F environment, or 4 hours at 45°C/113°F normal work.

#### RE-CHARGE?

Re-charges in 4 hours in room temperature (20°C/68°F), or 10-15 mins in a fridge.

#### WHAT ABOUT THE ELEMENTS?

Consist of a non toxic, non flammable blend of salts which is known to be the most effective ingredients for this temperature range. Can be used and re-charged over and over again. Guaranteed for 1000 cycles, if properly maintained. TEMPTECH elements within the vest can be replaced if damaged.

#### MULTI

Cooling Vest Multi has 20 TEMPTECH elements that provide effective heat absorption. Also available in flame retardant material if required.

Recommended to use tight to the body, with a T-shirt underneath, and a covering garment on top.

Weight 2,1 kg.

Size S/M-4XL/5XL

S/code: ATSTC3010P028xx (xx=size code)

**\$553**

20 additional TEMPTECH elements

S/code: ATSTC3090P28020

**\$351**

#### Flame retardant option

Size S/M-4XL/5XL

S/code:

ATSTC3026P028xx

(xx=size code)

**\$626**



#### FLEXI

Cooling Vest Flexi is designed to be smooth and easy to put on. It closes with velcros at the shoulders and sides. The Flexi vest has 16 TEMPTECH elements that absorb excessive heat. Also available in fire-resistant Nomex material. Recommended to use tight to the body, with a T-shirt underneath, and a covering garment.

Weight 1.6 kg.

One size fits all.

S/code: ATSTC3000P02801

**\$453**

16 additional TEMPTECH elements

S/code: ATSTC3090P28016

**\$281**

#### Fire resistant (Nomex) option

S/code: ATSTC3008P02801

**\$804**



Vest type	Polyester	Flame retardant	Nomex
Flexi	Standard	No	Option
MULTI	Standard	Option	No

#### HOW IT WORKS

Through our unique concept - using TEMPTECH elements with a 28°C transition temperature - we utilize this fact of nature to store energy, and absorb excessive heat.

Everybody knows that ice melts at temperatures above 0°C but not everybody knows that the moment of transition from solid to liquid uses up to 50 times more energy compared to a rise of 1°C when an object already is in either liquid or solid condition.

The TEMPTECH element recharges in normal room temperature (20°) in about 4 hours - faster if in a cooler environment – and is guaranteed to last more than 1000 cycles.

#### Applications

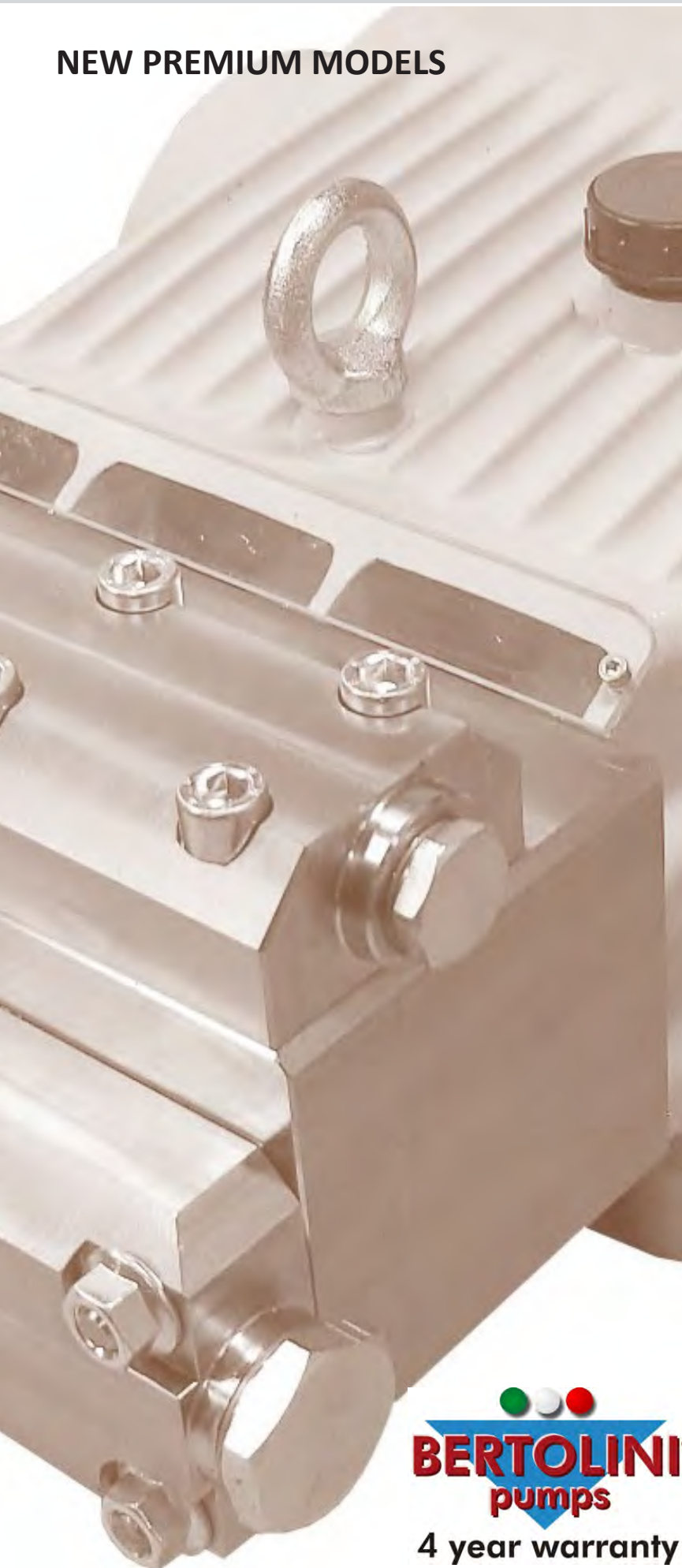
- ♦ Water jetting
- ♦ Fire & Rescue services
- ♦ Mining
- ♦ Police
- ♦ Athletes
- ♦ Oil platforms
- ♦ Chemical industry
- ♦ Steel industry
- ♦ Refineries
- ♦ Nuclear plants
- ♦ Paper mills
- ♦ Military services
- ♦ Hazmat
- ♦ Diving
- ♦ Road workers



Size table (cm)	Chest	Size code
S-M	84-100	20
L-XL	100-116	24
2XL-3XL	116-132	26
4XL-5XL	132-148	28



### NEW PREMIUM MODELS



**DIRECT DRIVE**  
FS, WBG, TWGS, TMG, WBL

84



**HEAVY DUTY**  
**140 BAR- 300 BAR**  
WBL, TTL, TTK

86



**HEAVY DUTY**  
**350 BAR - 500 BAR**  
RAS, RAL RA

88



**ULTRA HIGH PRESSURE**  
CAX

89



**HIGH FLOW/ PRESSURE**  
CX

90



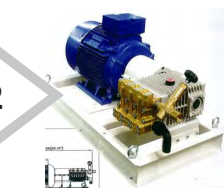
**STAINLESS STEEL PROCESS PUMPS**  
TAM, KA

91



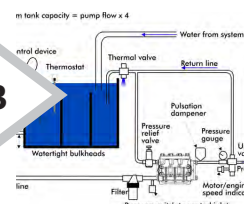
**MOTOR PUMPS**  
CK, C3006

92



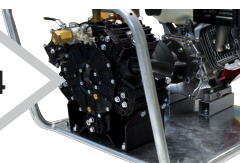
**TECH TALK**  
SYSTEM REQUIREMENTS

93



**UDOR DIAPHRAGM PUMPS**  
ZETA, KAPPA, DELTA

94



**BERTOLINI®**  
pumps

4 year warranty



### Cougar Axial Pump



Got a third world pump that's failed?

Upgrade with this **great value** axial pump that suits Honda 5.5HP engines



Model	F520002-AAA
S/code	F520002-AAA
Pump type	Axial
Pump pressure	3,100 psi (210 bar)
Flow	9 lpm
Suits Engine	Honda GC160/GC190 GX160/GX200 or equivalent 3/4" keyed shaft
Required HP	5.5
Pump speed	3200 rpm
Used on	Cougar Mk 2/3
Shaft diameter	Hollow 3/4"
Max temp	60°C
Weight	2 kg
	<b>\$350</b>

## BERTOLINI PUMPS

### DIRECT DRIVE FOR ENGINE MOUNTING



Model	WBXG 3025	TMG 4035
S/code	BWBXG3025	BTMG4035
Pump type	Triplex	Triplex
Pump pressure	3,000 psi (200 bar)	4,000 psi(280 bar)
Flow	10 lpm	13 lpm
Suits engine (or equivalent)	Honda GX200 3/4" keyed shaft	Honda GX390 1" keyed shaft
Required HP	6.5HP	13HP
Pump speed	3450 rpm	3450 rpm
Used on	Scud AB30	Scud AB40
Interchanges with Interpump	TT1511 C3/4"	WW 964
Shaft diameter	Hollow 3/4"	Hollow 1"
Max temp	60°C	60°C
Recommended nozzle size	035	030
Weight	6	10.8
Dimensions	206 x 199 x 131	252 x 249 x 149
	<b>\$760</b>	<b>\$923</b>

5

### REPLACEMENT PUMP KITS ... IT'S EASY TO REPLACE A WORN OUT PUMP OR UPGRADE TO BERTOLINI

Smart replacement options, easy & cost effective. Kits (**supplied unassembled**) include Bertolini pump, unloader valve, safety valve, thermal dump and pressure gauge (where indicated). Full instructions included.

#### Direct engine drive pump kits

Pump Model	S/code	Unloader valve	Safety valve	Thermal Dump Valve	
WBXG3025 <sup>#</sup>	BWBXG3025KIT	BAPR-I-25ADJ	MG1000	MPA60063050	<b>\$940</b>
TMG4035 <sup>#</sup>	BTMG4035KIT	BAPRI 40ADJ	VS240	MPA60063070	<b>\$1,133</b>



#### Electric drive pump kits

Pump Model	S/code	Unloader valve	Safety valve	Thermal Dump Valve	Pressure Gauge	
WBL917	BWBL917KIT	BAPRI20ADJ	-	MPA60063050	AGCDR0102	<b>\$762</b>

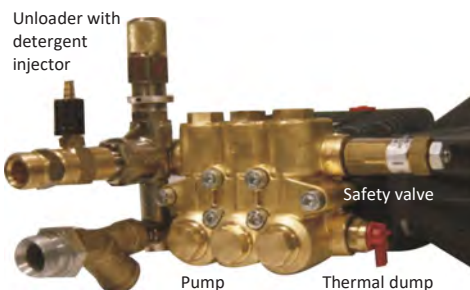
**NOTE** Aussie Pumps strongly recommends **replacing the nozzle in the lance when purchasing a replacement pump kit. Purchase a 5 pack of nozzles with your pump kit and get a 10% discount!** (p60 for details)

**NOTE:** kits marked # **do not** contain a pressure gauge. A gauge is required during set-up of the unloader and safety valve. Purchase of a test kit for this procedure is therefore recommended.

#### A Test Kit

Aussie pressure test set includes gauge and fittings for testing pump output pressure and Bertolini Pump Selection Guide  
ATESTSET **\$98**

**SAVE 10% on buying parts individually!**



**ASP (Aussie Safety Protection)** kits, include thermal dump valve & safety valve. Protects operator & machine against excessive bypass & pressure spikes.



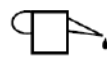
### BERTOLINI PUMPS

#### WBL SERIES ... SLOW SPEED

SUIT ELECTRIC MOTOR MOUNTING OR GEARBOX DRIVE



4 year warranty



OIL  
SAE 75W 90



- ♦ **Super Cool Fin System** ... die cast alloy crankcase, ribbed for efficient cooling, with high thermal conductivity
- ♦ **Premium oversized bearings**
- ♦ **Forged steel crankshaft** for coupling to motor/engine
- ♦ **Large stainless steel plunger rods** that have undergone a special nitrating treatment. As a result the rods are harder and smoother for longer seal life.
- ♦ **Oversized aluminium con rods** for max strength
- ♦ **Rapid action**, mirror finish stainless steel 316 check valves for corrosion resistance
- ♦ **High quality pistons** for long life

#### ELECTRIC MOTOR VERSION 24mm pump shaft

Model	WBL 917
S/code	BWBL917
Pump type	Triplex
Pump pressure	2,000 psi (140 bar)
Flow	9 lpm
Motor	4 pole
Required kW	2.2kW
Pump speed	1450 rpm
Used on	Monsoon 140
Max temp	60°C
Recommended nozzle size	035
Weight	5.8
Dimensions	206.7 x 154.5 x 131mm
	<b>\$600</b>

#### KEYED SHAFT FOR GEARBOX 24mm pump shaft

Model	WBL 1114
S/code	BWBL1114
Pump type	Triplex
Pump pressure	2,000 psi (140 bar)
Flow	11 lpm
Suits engine (or equivalent)	Honda GX 160 ¾" keyed shaft
Required HP	5.5
Pump speed	1450 rpm
Used on	BB100EY
Max temp	60°C
Recommended nozzle size	035
Weight	5.8
Dimensions	206.7 x 154.5 x 131mm
	<b>\$833</b>

Gearbox reqd **\$502** (B318699973)

For pump kits & gearbox see page 86



HIGH PRESSURE PUMPS

5

### DIRECT DRIVE & SMALL SLOW SPEED BERTOLINI PUMP SERVICE PARTS

#### PUMP MODEL

	Part No.	Description	WEL 744 WEL 733	WBL 1114	WBL 917 WBL 1111	WS 899G	WBG 2030	WHY 1520	TWSG 3013 TWSG 3016	WBXG 3025	TMG 4035	
Valve Kit	BKIT1		✓			✓			✓			\$100
	BKIT123										✓	\$118
	BKIT141	(15 pieces)		✓	✓		✓	✓		✓		\$45
Valve cap kit	BKIT166	(12 pieces)		✓	✓		✓	✓		✓		\$147
	BKIT3	(12 pieces)	✓			✓						\$66
	BKIT18	(12 pieces)							✓			\$197
	BKIT67	(12 pieces)									✓	\$131
Minor Seal Kit	BKIT12		✓	✓	✓			✓				\$140
	BKIT60					✓						\$107
	BKIT21								✓			\$205
	BKIT73						✓			✓		\$107
	BKIT74										✓	\$106
Major Seal Kit	BKIT10		✓									\$218
	BKIT70	(21 pieces)		✓	✓			✓				\$180
	BKIT61					✓						\$232
	BKIT20								✓			\$299
	BKIT68						✓			✓		\$232
	BKIT69										✓	\$219
Oil Seal Kit	BKIT14								✓			\$44
	BKIT64	(3 pieces)	✓					✓				\$40
	BKIT65										✓	\$46
	BKIT169						✓			✓		\$61
	BKIT83			✓	✓							\$66
Piston	B050010182	18mm	✓	✓	✓				✓			\$100
	B040010182	15mm				✓	✓			✓		\$75
	B070007182	15mm									✓	\$87
Sight Glass	B853505002	¾" threaded	✓			✓			✓			\$15
	B040120322	Clip On		✓	✓		✓			✓	✓	\$7
Breather Plugs	B852570002	¾" Yellow	✓			✓			✓			\$13
	B049832973	¼" Orange	✓	✓	✓		✓			✓	✓	\$13
Gearbox	B318699973	Ø 24mm/ 3/4" Shaft	✓	✓								\$502





## BERTOLINI PUMPS HEAVY DUTY PUMPS FOR ENGINE MOUNTING



- ♦ **Intelligent packing seal system;**
  - ◇ High pressure seal self lubricating with variable expansion dependant on pressure
  - ◇ Anti extrusion ring made of PTFE & graphite protects pistons, precision engineered fit
  - ◇ Low pressure seal reduces friction on pistons
- ♦ **Special Easylube gear oil** used for break in period of pump
- ♦ **Stainless steel Tenifer treated piston rod**, hardened and polished ... extremely wear resistant
- ♦ **Valve caps are designed to eliminate water under pressure in threads ...** torque reduced by 40%, therefore easy to remove without risk of damage
- ♦ **Super Cool Fin System ...** die cast alloy crankcase, ribbed for efficient cooling, with high thermal conductivity
- ♦ **Hardened surface** of piston guides ensure smooth operation

**NEW**

### TTL SERIES

#### 24mm pump shaft

	NEW			
Model	TTL 1520	TTL 2120	TTL2028	TTL 1330
S/code	BTTL1520	BTTL2120	BTTL2028	BTTL1330
Safety classification	Class A	Class A	Class A	Class A
Pump pressure	3,045 psi (200 bar)	3,045 psi (200 bar)	4,000 psi (280 bar)	4,350 psi (300 bar)
Flow	15 lpm	21 lpm	20 lpm	13 lpm
Suits engine (or equivalent)	Honda GX390	Honda GX390	Honda GX630	Honda GX390
Required HP	13 HP	13 HP	23 HP	13 HP
Replacement for	TTV2015	TTV2021		KTV4040*
Used on	Scud 350	Scud 351	Ultra A	Scud 400
Interchanges with Interpump	WS 201	WS202		
Max temp	74°C	74°C	74°C	74°C
Recommended nozzle size	045	060	050	035
Weight	14.2 kg	14.2 kg	14.2 kg	14.2 kg
Dimensions	272 x 192 x 146			
	<b>\$1,422</b>	<b>\$1,527</b>	<b>\$1,709</b>	<b>\$1,643</b>
Gearbox reqd	RTI 121 HP8-18 (B318870973) \$799			

\* these old style pumps have a 30mm shaft, if upgrading to a TTL or TTK the gearbox will also need to be changed

### TTK SERIES

#### 24mm pump shaft

Model	TTK 3021	TTK 2130
S/code	BTTK3021	BTTK2130
Safety classification	Class B	Class B
Pump pressure	3,045 psi (210 bar)	4,350 psi (300 bar)
Flow	29 lpm	21 lpm
Suits engine (or equivalent)	Honda GX630	Honda GX630
Required HP	23 HP	23 HP
Replacement for	KKV2028*	KTV3021*
Used on	Monsoon 300	Ultra/Cobra
Interchanges with Interpump	W 2030	W 3021
Max temp	74°C	74°C
Recommended nozzle size	055	055
Weight	15.7 kg	15.7 kg
Dimensions	302.6 x 192 x 146	
	<b>\$1,962</b>	<b>\$1,962</b>
Gearbox reqd	RTI 121 HP7-18 (B319110973) \$799	

### KTL SERIES

#### 24mm pump shaft

Model	KTL 1635	KTL 2035
S/code	BKTL1635	BKTL2035
Safety classification	Class A	Class B
Pump pressure	5,000 psi (350 bar)	5,000 psi (350 bar)
Flow	16 lpm	20 lpm
Suits engine (or equivalent)	Honda GX630	Honda GX630
Required HP	23 HP	23 HP
Replacement for		
Used on	King Cobra A	
Interchanges with Interpump		
Max temp	74°C	74°C
Recommended nozzle size	055	040
Weight	15.7 kg	15.7 kg
Dimensions	302.6 x 192 x 146	
	<b>\$2,079</b>	<b>\$2,079</b>

RTI 121 HP7-18 (B319110973) \$799

## REPLACEMENT PUMP KITS ... SAVE 10%

### SMART REPLACEMENT OPTIONS, EASY & COST EFFECTIVE

Kits (**supplied unassembled**) include Bertolini pump, unloader valve, safety valve, thermal dump and pressure gauge. Full instructions included.

Pump Model	S/code	Unloader valve	Safety valve	Thermal dump Valve	Pressure gauge	
WBL1114	BWBL1114KIT	BAPRI20ADJ	MG1000	MPA60063050	-	<b>\$958</b>
TTL1520	BTTL1520KIT	VRT3	MG1000	MPA60063070	AGCDR0102	<b>\$1,536</b>
TTL2120	BTTL2120KIT	VRT3	MG1000	MPA60063070	AGCDR0102	<b>\$1,630</b>
TTL1330	BTTL1330KIT	BVB350	VS240	MPA60063070	AGCDR0102	<b>\$1,839</b>
TTL1730	BTTL1730KIT	BVB350	VS240	MPA60063070	AGCDR0102	<b>\$1,899</b>
TTL2028	BTTL2028KIT	BVB350	VS240	MPA60063070	AGCDR0102	<b>\$1,899</b>
TTK3021	BTTK3021KIT	VRT3	VS240	MPA60063070	AGCDR0102	<b>\$2,041</b>
TTK2130	BTTK2130KIT	BVB350	VS240	MPA60063070	AGCDR0102	<b>\$2,127</b>
KTL1635	BKTL1635KIT	BVB350	VS350	MPA60063070	AGCDR0102	<b>\$2,266</b>
KTL2035	BKTL2035KIT	BVB350	VS350	MPA60063070	AGCDR0102	<b>\$2,266</b>

**ASP (Aussie Safety Protection)** kits, include thermal dump valve & safety valve. Protects operator & machine against excessive bypass & pressure spikes.

**NOTE** Aussie Pumps strongly recommends **replacing the nozzle** in the lance when purchasing a replacement pump kit. Purchase a 5 pack of nozzles with your pump kit and get a **10% discount!** (p60 for details)

## BERTOLINI GEARBOXES

### FOR PETROL/DIESEL ENGINES SAE FLANGE

Model	S/code	PTO Engine	Pump Shaft (mm)	Suits Pump models	
RTI 126 HP3-5	B318699973	¾"	24	WEL, TW, KWE, WBL	<b>\$502</b>
RTI 121 HP8-18	B318870973	1"	24	TTV, TTL	<b>\$799</b>
RTI 121 HP7-18	B319110973	1"	24	TTK, KTL, KKL	<b>\$799</b>
RTI 121 HP8-18	B318855973	1"	30	KTV, KKV	<b>\$799</b>



Larger gearboxes listed on page 86

### HEAVY DUTY SLOW SPEED BERTOLINI PUMP SERVICE PARTS

PUMP MODEL																			
	Part No.			TTV 2015 TTV 2021	KKTV 3015 TV 3021 KTV 4040	KKV 2028	HDS 5057	TTL 1520 TTL 2120	TTL 1330 TTL 1530	TTL 2030 TTL 2028	TTK 3021	TTK 2130	TKL 1635 TKL 2035	RAL 2035	NEW RAL 2035 Premium	RAS 4482	NEW RAS 4482 Premium	RA 316	
Valve Kit	BKIT123	12 pieces	✓	✓				✓	✓	✓		✓	✓	✓	✓			\$118	
	BKIT40	12 pieces			✓													\$200	
	BKIT93	12 pieces				✓												\$133	
	BKIT148	12 pieces								✓						✓	✓	\$179	
	BKIT209	18 pieces																✓ \$247	
Valve cap kit	BKIT67	12 pieces	✓					✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	\$131	
	BKIT99	12 pieces		✓														\$173	
	BKIT132	12 pieces			✓													\$189	
	BKIT211	18 pieces															✓	\$435	
Minor Seal Kit	BKIT89	18 pieces	✓	✓				✓				✓						\$207	
	BKIT90	18 pieces			✓						✓							\$237	
	BKIT95 18 pieces (BKIT309 serial no 15070568 onwards)					✓		✓	✓									\$203	
	BKIT309	18 pieces											✓					\$203	
	BKIT153	19 pieces														✓		\$223	
	BKIT283 19 pieces																✓	\$212	
	BKIT164 19 pieces													✓				\$306	
	BKIT271 19 pieces														✓			\$212	
	BKIT227	13 pieces																✓ \$707	
Major Seal Kit	BKIT86	24 pieces	✓	✓				✓				✓						\$386	
	BKIT87	24 pieces			✓						✓							\$378	
	BKIT96 24 pieces (BKIT310 serial no 15070568 onwards)					✓		✓	✓									\$403	
	BKIT310	24 pieces											✓					\$403	
	BKIT152 25 pieces															✓		\$287	
	BKIT282 25 pieces																✓	\$287	
	BKIT165 25 pieces													✓				\$479	
	BKIT270 25 pieces														✓			\$287	
	BKIT228	19 pieces																✓ \$930	
Oil Seal Kit	BKIT37	3 pieces	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					\$49	
	BKIT146	3 pieces												✓	✓	✓	✓	✓ \$60	
Full oil seal & sight glass kit	BKIT127	10 pieces	✓				✓	✓	✓									\$117	
	BKIT98	9 pieces		✓	✓	✓					✓	✓	✓					\$110	
	BKIT147	11 pieces												✓	✓	✓	✓	\$109	
	BKIT210	10 pieces																✓ \$91	
Piston	B060009182	20mm	✓	✓			✓					✓						\$107	
	B060010182	22mm			✓						✓							\$133	
	B060055182	18mm				✓		✓	✓				✓					\$161	
	B080070182	20mm												✓	✓	✓	✓	✓ \$183	
Sight Glass & o-ring	B853515502	¾ threaded (with o-ring)		✓	✓	✓					✓	✓	✓	✓	✓	✓	✓	✓ \$20	
	B060059322	Clip On	✓				✓	✓	✓	✓	✓			✓	✓			\$30	
Oil Breather	B060020322		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	\$13	
Gearbox	B318870973	Ø 24mm/ 1" Shaft	✓				✓	✓	✓									\$799	
	B319110973	Ø 24mm/ 1" Shaft									✓	✓	✓					\$799	
	B318855973	Ø 30mm/ 1" Shaft		✓	✓													\$799	
	B318880973	Ø 30mm/ 1 1/8" Shaft				✓								✓	✓	✓	✓	✓ \$843	





## BERTOLINI PUMPS ... NEW PREMIUM SERIES

### HEAVY DUTY PUMPS FOR ENGINE MOUNTING, TO 7,300 PSI

Outstanding build quality and innovative design features provide efficient operation, easy maintenance and pump long life. Ideal for industrial and continuous running applications.



#### RAS SERIES

##### 30mm pump shaft

Model	RAS 4482-P
S/code	BRAS4482
Pump pressure	4,300 psi (300 bar)
Flow	31 lpm
Suits engine (or equivalent)	31HP Vanguard
Pump speed	1725 rpm
Replacement for	
Used on	Python
Equivalent to Interpump	-
Shaft diameter	30mm
Max temp	74°C
Recommended nozzle size	070
Weight	18.5 kg
Dimensions LxWxH (mm)	324 x 281 x 228
	<b>\$2,403</b>

#### RAL SERIES

##### 30mm pump shaft

RAL 2035-P	RAL 2535-P
NEW PREMIUM SERIES	NEW PREMIUM SERIES
BRAL2035	BRAL2535
5,075 psi (350 bar)	5,075 psi (350 bar)
20 lpm	25 lpm
Honda GX690 or 27HP Vanguard	27HP Vanguard
	1450 rpm
HDS5057	
Predator	Predator Plus
W 3521	WW 3025
30mm	30mm
74°C	74°C
045	055
18.5 kg	18.5 kg
	324 x 281 x 228
<b>\$2,177</b>	<b>\$2,293</b>

#### RA 316 series

##### 30mm pump shaft

Model	RA 1650	RA 1850	RA 2150	RA 2450
S/code	BRA1650	BRA1850	BRA2150	BRA2450
Pump pressure	7,250 psi (500 bar)			
Flow	16 lpm	18 lpm	21 lpm	24 lpm
Required HP	20.7 (15.4 kW)	23 (17.3kW)	28 (21kW)	31 (23.4kW)
Pump speed	1450			
Shaft diameter	30mm			
Max temp	74°C			
Recommended nozzle size	025	030	035	040
Weight	20.8 kg			
Dimensions LxWxH (mm)	321 x 282 x 228			
	<b>\$3,294</b>	<b>\$3,294</b>	<b>\$3,294</b>	<b>\$3,294</b>

Bertolini Slow Speed Pump Parts Kits  
... see p 87

5

### REPLACEMENT PUMP KITS ... SAVE 10%

#### SMART REPLACEMENT OPTIONS, EASY & COST EFFECTIVE

Kit (unassembled) includes Bertolini pump, unloader valve, safety valve, thermal dump and pressure gauge.

Pump Model	S/code	Unloader valve	Safety valve	Thermal dump Valve	Pressure gauge	
RAL2035	BRAL2035KIT	BVB350	VS350	MPA60063070	AGCDR0102	<b>\$2,355</b>
RAL2535	BRAL2535KIT	BVB350	VS350	MPA60063070	AGCDR0102	<b>\$2,249</b>
RAS4482	BRAS4482KIT	BVB350	VS350	MPA60063070	AGCDR0102	<b>\$2,558</b>

### BERTOLINI GEARBOXES

#### FOR PETROL/DIESEL ENGINES SAE FLANGE

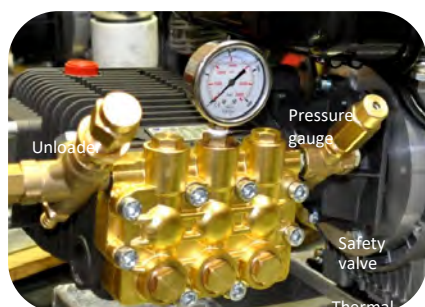
Model	S/code	PTO Engine	Pump Shaft (mm)	Suits Pump models	
RTI 121 HP20	B318880973	1 1/8"	30	RAL, RAS, RA, HD	<b>\$843</b>
RTI 123 HP35	B319219973	1 1/8"	30	RA RB	<b>\$904</b>

#### NEW HEAVY DUTY RTI 123 GEARBOX

- low power absorption
- high efficiency
- double bearings



Smaller gearboxes listed on page 84



**ASP (Aussie Safety Protection)**  
kits, includes thermal dump valve & safety valve. Protects operator & machine against excessive bypass & pressure spikes.

**NOTE** Aussie Pumps strongly recommends **replacing the nozzle** in the lance when purchasing a replacement pump kit. Purchase a 5 pack of nozzles with your pump kit and get a **10% discount!** (p60 for details)

### BERTOLINI PUMPS

#### ULTRA HIGH PRESSURE PUMPS TO 10,875 PSI

Designed for ultra high pressure applications in heavy industry

##### CAX SERIES

40mm pump shaft

- ◆ 316 stainless steel pump head, valve caps, piston bolt & screws
- ◆ High temperature packing system with 316 ss intermediate ring, ss retainer & PTFE anti-extrusion ring
- ◆ Rapid action check valves with spring, poppet & seat made of 316 ss
- ◆ Compact design, easy to install
- ◆ Strong, state of the art components
- ◆ Suit reverse osmosis, desalination, food processing pharmaceutical & chemical industries



4 year warranty

Model	CAX 3060	CAX 2475
S/code	BCAX3060	BCAX2475
Pump pressure	8,700 psi (600 bar)	10,875 psi (750 bar)
Flow	31 lpm	25 lpm
Required HP		50 (37.3kW)
Pump speed		1000 rpm
Shaft diameter		40mm
Max temp		60°C
Weight		87.9 kg
Dimensions LxWxH (mm)		572 x 465 x 288
	<b>\$13,869</b>	<b>\$13,869</b>

### BERTOLINI PUMPS HIGH FLOW PUMPS TO 144 LPM

##### CPQ SERIES



NEW

- ◆ Forged brass head
- ◆ Stainless steel check valves
- ◆ Highly polished solid ceramic pistons, reduce friction & prolong seal life
- ◆ Patented du-dry plunger rod bushing, PTFE coated, reduces friction for smooth operation
- ◆ Compact diecast aluminium crankcase for high strength and anodized for corrosion resistance
- ◆ Premium oversized tapered roller bearings designed for heavier loads & extended operations

Model	CPQ9020	CPQ1316	CPQ1413	CPQ1613
S/code	BCPQ9020	BCPQ1316	BCPQ1413	BCPQ1613
Pump pressure	2,900 psi (200 bar)	2,320 psi (160 bar)	1,885 psi (130 bar)	1,885 psi (130 bar)
Flow	87 lpm	125 lpm	140 lpm	144 lpm
Required HP	45.7 (34.1kW)	52.6 (39.2kW)	48 (35.8kW)	52.8 (39.4kW)
Pump speed			1000 rpm	
Shaft diameter	30mm	36mm	40mm	40mm
Max temp			60°C	
Weight			55 kg	
Dimensions LxWxH			449 x 372x 240 mm	
	<b>\$4,723</b>	<b>\$4,926</b>	<b>\$5,128</b>	<b>\$5,128</b>

##### RD SERIES



Model	RD 7515
S/code	BRD7515
Pump pressure	2,175 psi (150 bar)
Flow	73lpm
Required HP	30 (22.1kW)
Pump speed	1450 rpm
Shaft diameter	30mm
Max temp	74°C
Weight	20.5 kg
Dimensions LxWxH	340 x 280 x 178 mm
	<b>\$2,229</b>



### BERTOLINI PUMPS HIGH FLOW TRIPLEX PUMPS



- ◆ Double diameter stainless steel piston guide with a radial ring that doesn't come into contact with the moving rod thus eliminating wear and improving lubrication
- ◆ Patented du-dry plunger rod bushing, PTFE coated, reduces friction for smooth operation
- ◆ Premium oversized tapered roller bearings designed for heavier loads & extended operations
- ◆ Compact diecast aluminium crankcase for high strength and anodized for corrosion resistance
- ◆ Forged brass head
- ◆ Double "V" packing self-lubricating elastomer sealing system for maximum seal life.
- ◆ Rapid action check valves with 316 stainless steel spring, poppet & seat.
- ◆ Interlocking "self-aligning" connecting rods capable of high loads made of two parts to facilitate installation and removal. It reduces friction and wear due to overheating.

#### CX SERIES

**NEW 4 year warranty**

Model	CX 1025	CX 1515	CX 1715
S/code	BCX1025	BCX1515	BCX1715
Pump pressure	3,600 psi (250 bar)	2,175 psi (150 bar)	2,175 psi (150 bar)
Flow	97 lpm	153 lpm	173 lpm
Required kW (electric)	48	45	51
Pump speed	1000 rpm		
Shaft diameter	40mm		
Max temp	60°C		
Weight	83 kg		
Dimensions LxWxH	537 x 465 x 294 mm		
	<b>\$8,461</b>	<b>\$8,461</b>	<b>\$8,461</b>



For full line-up check online .... [aussiepumps.com.au](http://aussiepumps.com.au)

5

#### BERTOLINI GEARBOXES .... FOR PETROL / DIESEL ENGINES SAE FLANGE

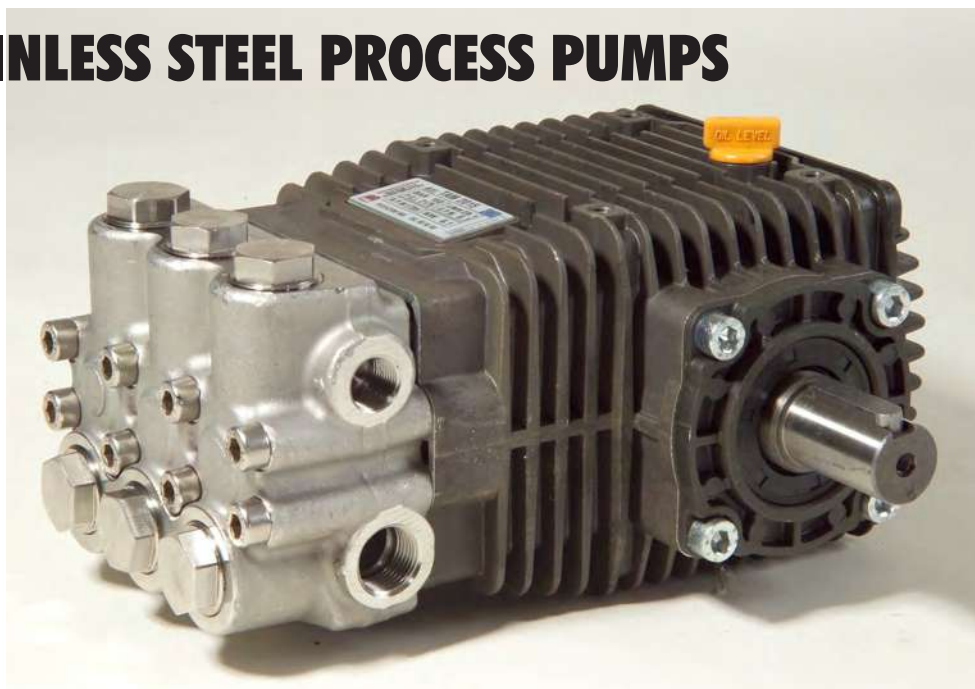
Model	PTO Engine	Pump Shaft (mm)	S/code	Suits Pump models	
RTI 126 HP3-5	3/4"	24	B318699973	WEL,TW,KWE, WBL	<b>\$502</b>
RTI 121 HP8-18	1"	24	B318870973	TTV, TTL	<b>\$799</b>
RTI 121 HP7-18	1"	24	B319110973	TTK, KTL, KKL	<b>\$799</b>
RTI 121 HP8-18	1"	30	B318855973	KTV, KKV	<b>\$799</b>
RTI 121 HP20	1 1/8"	30	B318880973	RAL,RAL-H,RAS,RAS-H, HD	<b>\$843</b>
RTI 123 HP35 (NEW)	1 1/8"	30	B319219973	RA RB	<b>\$904</b>
RTA 126 HP5	3/4"		B318701973	C35	<b>\$458</b>
RTA 160 HP7-10	1"		B318720973	C53	<b>\$624</b>
RTA 153 HP10-18	1"		B318642973	C63-73PR	<b>\$1,528</b>
RTA 162 HP10-18	1"		B318644973	C63-73PR	<b>\$1,577</b>

### BERTOLINI STAINLESS STEEL PROCESS PUMPS

- ♦ 316 stainless steel pump head, valve caps, piston bolt & screws
- ♦ High temperature packing system with 316 ss intermediate ring, ss retainer & PTFE anti-extrusion ring (TAM series)
- ♦ Rapid action check valves with spring, poppet & seat made of 316 ss
- ♦ Compact design, easy to install
- ♦ Strong, state of the art components
- ♦ Suit reverse osmosis, desalination, food processing pharmaceutical & chemical industries

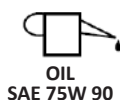


#### TAM SERIES 24 mm pump shaft



Model	TAM 1215	TAM 1315	TAM 1515	TAM 1715	TAM 2015
S/code	BTAM 1215	BTAM 1315	BTAM 1515	BTAM 1715	BTAM 2015
Pump type	Triplex				
Pump pressure	2,175 psi (150 bar)				
Flow	12 lpm	13 lpm	15 lpm	17 lpm	20 lpm
Required HP	4.6	5.1	5.9	6.6	7.7
Required kW	3.4	3.8	4.4	4.9	5.7
Pump speed	1450 rpm				
Shaft diameter	24mm				
Max temp	85°C				
Weight	10.6				
Dimensions LxWxH	252 x 187.5 x 127 mm				
	\$3,129	\$3,129	\$3,203	\$3,334	\$3,334

#### KA SERIES 24 mm pump shaft



Model	KA 2815	KA 3215	KA 3815	KA 4215
S/code	BKA 2815	BKA 3215	BKA 3815	BKA 4215
Pump pressure	2,175 psi (150 bar)			
Flow	28.6 lpm	32.5 lpm	37.7 lpm	41.6 lpm
Required HP	11.3	12.8	14.9	16.4
Required kW	8.4	9.6	11.1	12.3
Pump speed	1450 rpm			
Shaft diameter	24mm			
Max temp	74°C			
Weight	19.3			
Dimensions LxWxH	318 x 192 x 146 mm			
	\$4,174	\$4,326	\$4,408	\$4,439





## BERTOLINI MOTOR PUMPS

- ♦ Efficient 4 pole, three phase motors
- ♦ High quality flexible coupling made of cast iron .. Absorb vibrations from motor
- ♦ Heavy duty pumps for continuous use applications
- ♦ Pressure regulation valve with automatic bypass
- ♦ Strong, heavy duty steel welded frame with lifting eyes
- ♦ Steel coupling guard for maximum protection
- ♦ Glycerine filled pressure gauge with stainless steel case
- ♦ Pre-charged pulsation dampener on pump discharge for smooth operation
- ♦ 80 mesh filtration inlet strainer
- ♦ Anti vibration mounts under frame
- ♦ NB: No switch supplied

### CK SERIES

Inlet	Diameter	1½" BSP (40mm)
	Min pressure	-3 psi
	Max pressure	87 psi
	Max temp	60°C
Outlet	Diameter	¾" BSP
	Valve - Out	1" BSP
	By pass	1" BSP
Base	Dimensions (mm)	1230 x 640
	Weight	65 kg



MOTOR PUMP UNIT	Pump	Three phase motor			RPM	bar	PSI	Flow lpm	Weight (kg)	POA
		50Hz- 400V	KW	Amps						
73.9203.97.3	CK 2216	160L 4 POLE	15	29.5	1450	100	1450	63	270	POA
73.9206.97.3	CK 2216	180L 4 POLE	22	42	1450	150	2175	63	326	
73.9204.97.3	CK 2220	180M 4 POLE	18.5	35	1450	100	1450	80	312	
73.9207.97.3	CK 2220	200L 4 POLE	30	56.6	1450	150	2175	80	382	
73.9205.97.3	CKL 2226	180L 4 POLE	22	42	1450	100	1450	97	326	
73.9208.97.3	CKL 2226	200L 4 POLE	30	56.6	1450	150	2175	97	382	
73.9209.97.3	CKL 2233	200L 4 POLE	30	56.6	1450	120	1740	126	382	
73.9200.97.3	CK 1224	200L 6 POLE	18.5	37.3	975	80	1160	97	371	
73.9201.97.3	CK 1229	200L 6 POLE	22	43.9	975	80	1160	124	380	
73.9202.97.3	CK 1235	200L 6 POLE	22	43.9	975	70	1015	150	380	



### C3006 SERIES

Inlet	Diameter	1½" BSP
	Min pressure	-3 psi
	Max pressure	87 psi
	Max temp	60°C
Outlet	Diameter	¾" BSP
	Valve - Out	1" BSP (1½" BSP - C1258)
	By pass	1" BSP (1½" BSP - C1258)
Base	Dimensions (mm)	200 L : 1230 x 640 225M & 250M: 1370 x 640
	Weight	70 kg



MOTOR PUMP UNIT	Pump	Three phase motor			RPM	bar	PSI	Flow lpm	Weight (kg)	POA
		50Hz- 400V	KW	Amps						
76.9202.97.3	C 1538	200L 4 POLE	30	56.6	1450	100	1450	151	410	POA
76.9200.97.3	C 1248	225M 6 POLE	30	58.9	975	80	1160	192	475	
76.9201.97.3	C 1258	250M 6 POLE	37	69.3	975	70	1015	245	591	

## ENERGY SAVING / PUMP CORRECT USE

It is quite normal that the pump flow is oversized in comparison with the application.

Ideally, the water recirculated through the regulating valve should not exceed 10-15% of the pump flow.

If it exceeds this, besides being inefficient, the recirculating water will heat up causing stress on seals and valves, and increasing the risk of cavitation in the pump. It is therefore recommended that the pump capacity is reduced to the actual system needs by moderating the pump R.P.M.

### FAQ

**Question:** How much you must reduce the pump R.P.M. in order to get a lower capacity?

**Answer:** Required R.P.M. = Expected capacity x  $\frac{\text{Max R.P.M. allowed}}{\text{Max allowed capacity}}$

**Question:** What diameter engine/motor pulley is required to achieve these R.P.M.?

**Answer:** External diameter of the engine/ motor pulley =  $\frac{\text{External diameter of the pumps pulley} \times \text{R.P.M. pump}}{\text{R.P.M. motor/engine}}$

**Question:** What if it is not possible to replace the engine/motor pulley?

**Answer:** External diameter of the pump pulley = External diameter engine/motor pulley x  $\frac{\text{R.P.M engine/motor}}{\text{Pump R.P.M.}}$

**Question:** If the engine/motor is running at lower R.P.M. than the max. R.P.M indicated in the label, what is the max capacity achievable?

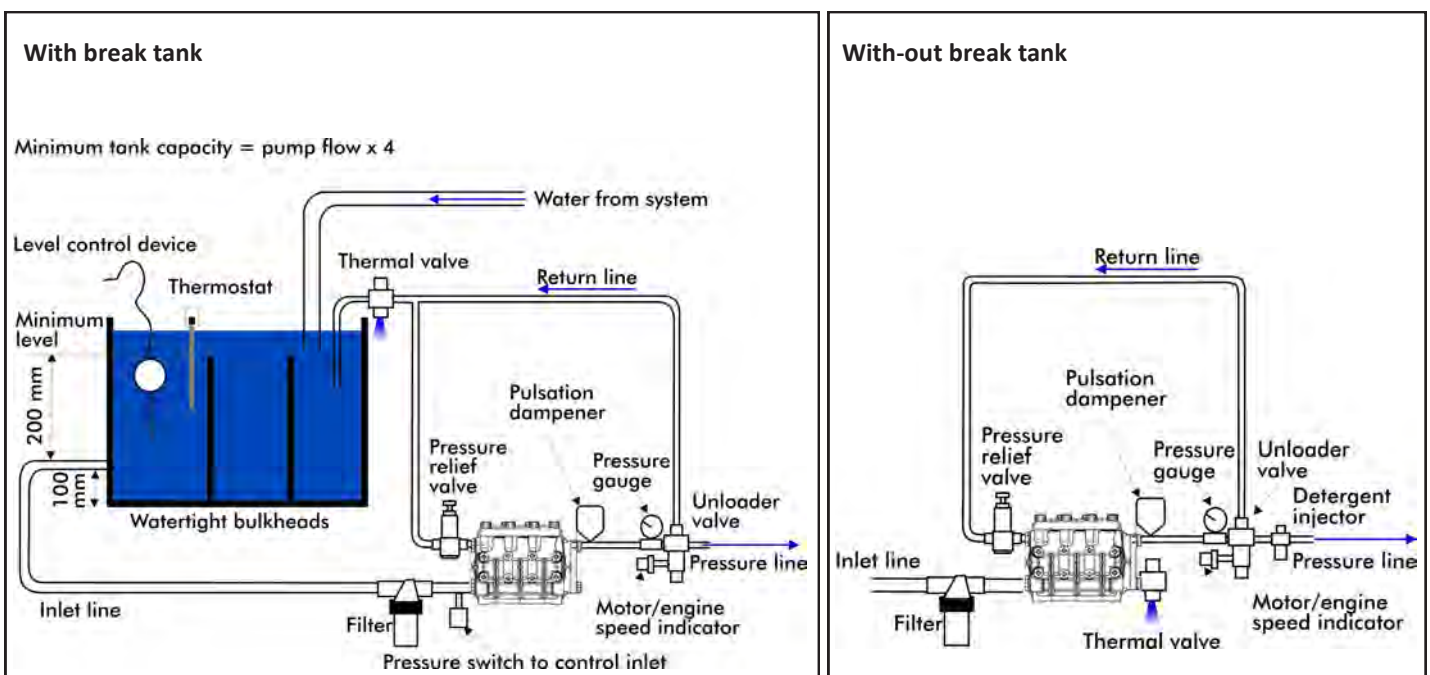
**Answer:** Achievable max capacity = Engine /Motor R.P.M: x Max capacity indicated in the label  
Max. R.P.M. indicated in the label

**Question:** What is the approximate power required to achieve the max performances allowed?

**Answer:** Required power ( electric motors HP) =  $\frac{\text{Max capacity (L/min)} \times \text{Max pressure (bar)}}{385}$

Required power (petrol/diesel engines HP) = electric motors HP x 1.3

## TYPICAL PUMP INSTALLATION







KAPPA 43



DELTA 75

Top quality Udor diaphragm pumps designed for long, trouble free life in ag spray applications. Pumps offer limited self priming from 1 1/2 m.

Designed for mounting on petrol or diesel engines.

- Broad acre spraying
- High pressure water transfer
- Spot spraying
- Machine wash down
- Sheep jetting
- Golf and turf
- Sugar cane
- Vegetable
- Viticulture
- Olives
- Cotton

- Positive displacement diaphragm design
- Large capacity oil bath in crankcase
- Compatible with most fluids including liquid fertilizers
- Handles fluids to 60 degrees F (15 degrees C)
- Multiple diaphragm design
- Interchanges with other brands

- ⇒ Delivers consistent flow right through the pressure range
- ⇒ Cool running, reliable
- ⇒ Super versatile
- ⇒ Compatible with high temperature applications
- ⇒ Smooth running
- ⇒ Permits easy upgrade

### PUMP KITS ... FOR ENGINE DRIVE APPLICATIONS

All kits include pump & gearbox, control units not included

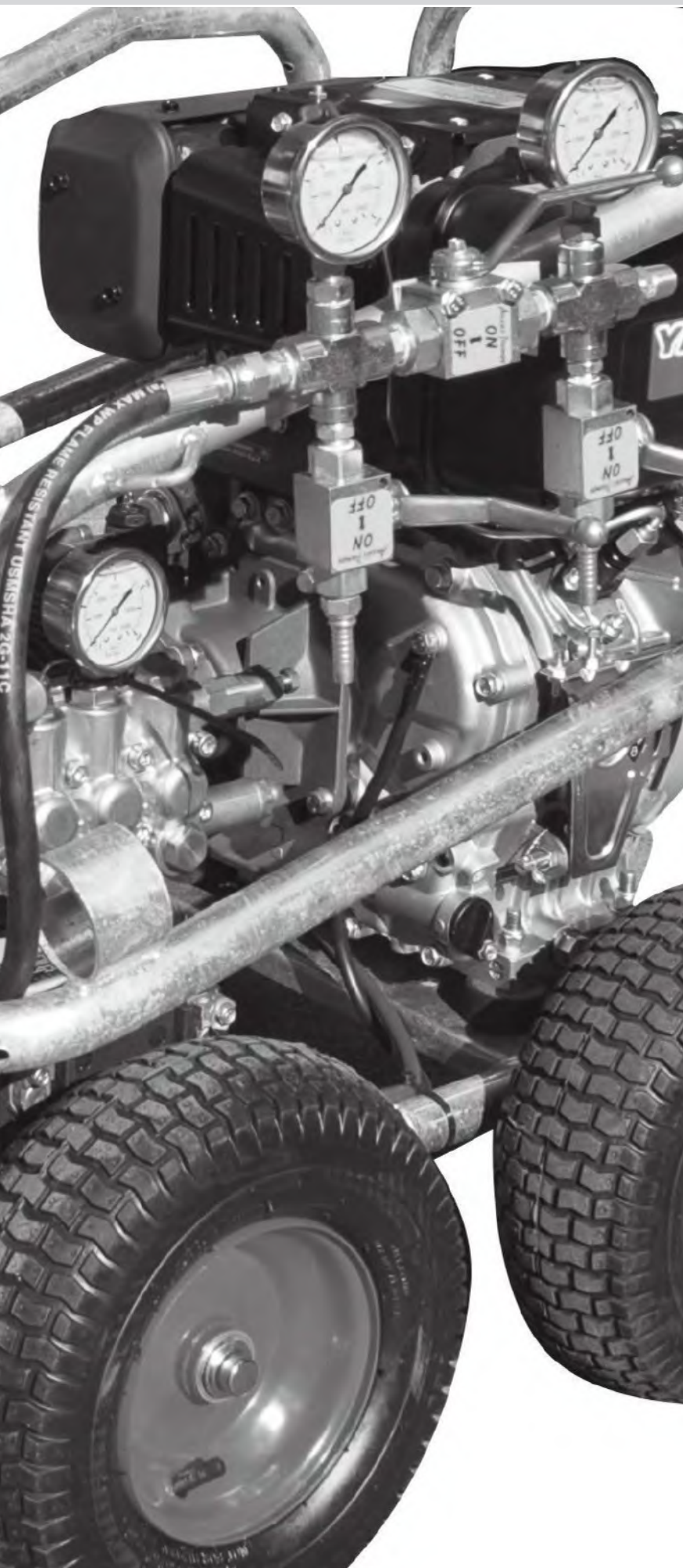
Model	Stock Code	No of diaphr.	Flow (l/m)	Bar	PSI	Suits engine	HP	kW	kg	RPM	Recommended control unit (sold separately)	
KAPPA 43	SKAPPA43ASSY	3	44	40	568	3/4" keyed Q shaft Honda GX200 (Yanmar L48)	4.2	3.1	10	550	DL2/40 (\$296)	<b>\$2,003</b>
DELTA 75	SDELTA75ASSY	3	75	40	568	1" keyed Q shaft Honda GX270 (Yanmar L100)	7.7	5.7	19	550	DL3/40 (\$334)	<b>\$3,645</b>
DELTA 125	SDELTA125ASSY	5	125	40	568	1" keyed Q shaft Honda GX390 (Yanmar L100)	12.3	9	27	550	DL2/40 (\$334)	<b>\$4,400</b>
KAPPA 151	SKAPPA151ASSY	4	153	50	710	Honda GX690 (Kohler 23HP)	19.5	14.3	36	550	VRG150 (\$493)	<b>\$8,189</b>

Replacement gearboxes

S160-3/4" VAZ	S160 Gearbox for Zeta 85	SGEARREDS160VAZ	<b>\$841</b>
S160-3/4" GR	S160 Gearbox for Kappa 43	S4425507175	<b>\$841</b>
M164-1"VA	Gearbox for Delta 75	S5033A4	<b>\$1,074</b>
M164-1"VA	Gearbox for Delta 125	S5033A4	<b>\$1,074</b>
M162-1"VA	Gearbox for Kappa 151	S442285034B5	<b>\$1,706</b>







### HIGH PRESSURE Electric & Petrol drive

100 bar - 500 bar,  
Flows to 21 lpm

96



### HIGH PRESSURE Diesel drive

140 bar - 500 bar,  
Flows to 21 lpm

97



### HIGH PRESSURE Mine spec

200 bar - 500 bar,  
Flows to 21 lpm

97



### HIGH FLOW

Petrol, diesel & mine spec

20 bar - 40 bar,  
Flows to 125 lpm

98





### HIGH PRESSURE HYDROSTATIC TESTERS

**NEW**  
STAINLESS  
STEEL FRAME



Scud 400 HTP



#### Features:

- Super high pressures to 500 bar (7,300 psi)
- Big flows to 20 lpm
- Simple piston pump design
- Double pressure gauge with lock of valve
- Integrated control valve
- Gear box drive (except electric versions & Raptor 18 diesel)
- Full galvanised frame trolley with 4 big tyres

Super high pressure hydrostatic testers driven by petrol or diesel engines. Machines come in sturdy stainless steel with four wheel trolleys with big flat free tyres.

- Leak detection in water pipelines
- Hydrostatic testing of boilers
- Hydrostatic testing of pressure vessels

Bertolini triplex piston pumps and Udor Quintuplex piston pumps (marked #) used.

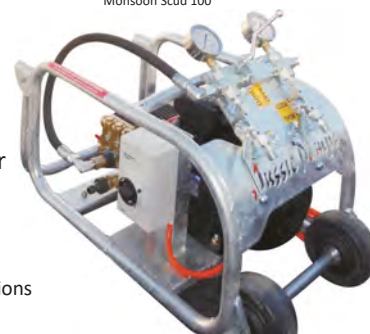
- Oil or gas pipeline testing
- Hydrostatic testing of pumps, valves or fire mains



#### Benefits:

- » Can handle wide range of tests
- » Fast pump up to pressure
- » Easy to service
- » Easy to check for leaks
- » Adjust to required pressure
- » No exposed moving parts, safer
- » Easy to move on site

Monsoon Scud 100



# these units are shipped on a skid, dimensions & weight include skid.

#### ELECTRIC DRIVE

Model	S/code	Pump Pressure (psi)	Pump model	Flow rate (lpm)	Motor	Pump (rpm)	Box Size (LxWxH) mm	Wt (kg)	
Monsoon Scud 100 HTP	ABB100EH/2.2HTP	1,500 (100 bar)	WBL1114	11	2.2kW, 240V 15 amp	1450	680 x 400 x 340	50	<b>\$3,017</b>
Monsoon Scud 200 HTP	ABMONSS200/HTP	3,000 (200 bar)	TTL1520	15	5.5kW, 415V	1450	700 x 580 x 550	70	<b>\$4,336</b>
Monsoon Scud 300 HTP	ABMONSS300/HTP	3,000 (200 bar)	TTL2120	21	7.5kW, 415V	1450	1100 x 800 x 750	90 <sup>#</sup>	<b>\$5,312</b>
Monsoon Scud 300M HTP	ABMONSS300MHTP	3,000 (200 bar)	TTK3021	30	10kW, 415V	1450	1100 x 800 x 750	120 <sup>#</sup>	<b>\$9,116</b>
Monsoon Scud 400 HTP	ABMONSS400/HTP	4,300 (300 bar)	TTL1530	15	7.5kW, 415V	1450	1100 x 800 x 750	90 <sup>#</sup>	<b>\$6,936</b>
Monsoon Scud 400M HTP	ABMONSS400MHTP	4,000 (275 bar)	TTL2028	20	11kW, 415V	1450	1100 x 800 x 750	120 <sup>#</sup>	<b>\$9,116</b>
Hurricane A HTP	ABHURRICANEHTP	5,000 (350 bar)	KTL1635	16	12.5kW, 415V	1450	1100 x 800 x 450	145 <sup>#</sup>	<b>\$12,574</b>
Raptor 16 HTP	ABRAPTOR/16EHTP	7,300 (500 bar)	RA1650	16	18.5kW, 415V	1450	1100 x 800 x 1000	185 <sup>#</sup>	<b>\$20,977</b>
Raptor 18 HTP	ABRAPTOR/18EHTP	7,300 (500 bar)	RA1850	18	18.5kW, 415V	1450	1100 x 800 x 1000	200 <sup>#</sup>	<b>\$23,212</b>

KPA = bar x 100

#### PETROL DRIVE

\* electric start option available

Model	S/code	Pump Pressure (psi)	Pump model	Flow rate (lpm)	Engine	Pump (rpm)	Box Size (LxWxH) mm	Wt (kg)	
BB100 HTP*	ABB100/GX200HTP	2,000 (140 bar)	WBL1114	11	Honda 6.5HP GX200 recoil	1450	620x540x580	45	<b>\$3,969</b>
Scud 350 HTP*	ABBSS350/390HTP	3,000 (200 bar)	TTL1520	15	Honda 13HP GX390 recoil	1450	1100x800x950	110 <sup>#</sup>	<b>\$5,817</b>
Predator A HTP	ABSSPRED-A/GX630HTP	5,000 (350 bar)	RAL2035	20	Honda 28HP GX690 e/start	1450	1100x800x1130	130	<b>\$10,355</b>
Raptor 18 HTP	ABSSRAP/VAN18HTP	7,300 (500 bar)	RA1850	18	Vanguard 35HP e/start	1450	1100x800x1000	135	<b>\$17,945</b>

**NEW**  
STAINLESS  
STEEL FRAME



### Aussie Mine Boss Hydrostatic Testers

Aussie Mine Spec Features:

- 38mm Scud gal frame with anti vib mounts
- Steel wheels with pneumatic tyres
- Emergency stop
- Fire extinguisher
- Dry cell battery
- Optional bunded tray



Raptor Kohler HTP

#### DIESEL DRIVE

# these units are shipped on a skid, dimensions & weight include skid.

Model	S/code	Pump Pressure (psi)	Pump model	Flow rate (lpm)	Engine	Pump (rpm)	Boxed Dimensions (LxWxH) mm	Wt (kg)	
Scud 100 D HTP	ABBSC100DHTP	2,000 (140 bar)	WBL1114	11	YANMAR L48 4.8HP recoil	1450	680 x 400 x 340	70	<b>\$5,794</b>
Scud 350 D HTP	ABBSS350L100HTP	3,000 (200 bar)	TTL1520	15	YANMAR L100E 10HP e/start	1450	1100x800x950	160 <sup>#</sup>	<b>\$10,111</b>
Scud 400 D HTP	ABBSS400DHTP	4,000 (275 bar)	TTL1330	13	YANMAR L100E 10HP e/start	1450	1100x800x950	160 <sup>#</sup>	<b>\$10,469</b>
Predator A DHTP	ABSCPRED-A/KDEHTP	5,000 (350 bar)	KTL	21	KOHLER KD477 23HP e/start	1450	1250x800x1130	250	<b>\$21,294</b>
Raptor D HTP 16	ABRAPTOR16DHTP	7,300 (500 bar)	RA1650	16	KOHLER KD477 23HP e/start	1450	1200x1200x1500	250	<b>\$22,056</b>
Raptor 450 D HTP	ABRAP450KDEHTP	6,525 (450 bar)	RA1850	18	KOHLER KD477 23HP e/start	1450	1200x1200x1500	250	<b>\$22,056</b>
Raptor D HTP 18	ABRAP18KDEHTP	7,300 (500 bar)	RA1850	18	KOHLER KD625 28HP e/start	1450	1200x1200x1500	280	<b>\$25,105</b>

#### Aussie Mine Boss option

Scud 350 D HTP	ABBSS350DHTPMS	3,000 (200 bar)	TTL1520	15	YANMAR L100E 10HP e/start	1450	1100x800x950	175 <sup>#</sup>	<b>\$12,652</b>
Predator A DHTP	ABSCPREDAKDEHTPM	5,000 (350 bar)	RAL2035	21	KOHLER KD477 23HP e/start	1450	1250x800x1130	265	<b>\$23,711</b>
Raptor D HTP 16	ABRAP16DHTPMS	7,300 (500 bar)	RA1650	16	KOHLER KD477 23HP e/start	1450	1200x1200x1500	265	<b>\$24,470</b>
Raptor D HTP 18	ABRAP18KDEHTPMS	7,300 (500 bar)	RA1850	18	KOHLER KD625 28HP e/start	1450	1200x1200x1500	295	<b>\$27,519</b>

KPA = bar x 100

**Optional Wash-Down Kits ...** Gun/lance & high pressure hose kits enable use of hydrostatic tester as a blaster

Suits	Gun/lance kit		10 metres of high pressure hose	
HTPs to 4,000 psi	APROGUN-900-035 APROGUN-900-045	\$162 \$162	10m 5,800 PSI (AHW06M22X2X10)	\$163
5,000 psi HTPs	MPA3045600 C915 ___ M (nozzle)	\$197 \$20	10m 5,800 PSI (AHW06M24X2X10)	\$258
500 bar HTPs	MPA30473000 + nozzle	\$575 \$131	10m 500 bar (A3641443109)	\$616



### HIGH FLOW HYDROSTATIC TESTERS



This range of hydrostatic testers consist of reliable Udor diaphragm pumps driven by petrol or diesel engines.

- High flow pumps to 125 litres per minute, pressures to 4,000 kPa
  - Reliable Udor pumps standard
  - Simple diaphragm design pump
  - In line strainers standard
  - Double pressure gauge and lock off valve system
  - Integrated control system
  - Gear box drive, enclosed
  - Heavy duty trolley with four big flat free tyres
- Applications:**
- Leak detection in water pipelines
  - Hydrostatic testing of boilers
  - Hydrostatic testing of pressure vessels
  - Oil or gas pipeline testing
  - Hydrostatic testing of pumps, valves or fire mains

# these units are shipped on a skid, dimensions & weight include skid.

\* electric start option available

#### HONDA PETROL ... 3 YEAR ENGINE WARRANTY

Model	S/code	Max Pump Pressure (psi)	Max Flow (lpm)	Engine	Pump (rpm)	Boxed Dimensions (LxWxH) mm	Weight (kg)	
Kappa 43 HTP*	SKAPPA43/HTP200	568 (40 bar) 4,000 kPa	44	HONDA 6.5HP recoil start	550	1100x800x900	50	<b>\$5,379</b>
Delta 75 HTP*	SDELTA75HTP390	568 (40 bar) 4,000 kPa	73	HONDA 13HP recoil start	550	1100x800x950	110 <sup>#</sup>	<b>\$6,389</b>
Delta 125 HTP*	SDELTA125HTP390	420 (30 bar) 3,000 kPa	125	HONDA 13HP recoil start	550	1100x800x950	120 <sup>#</sup>	<b>\$8,026</b>

#### YANMAR DIESEL ... 2 YEAR ENGINE WARRANTY

Note: Pressure and flow figures are expressed as pump maximums. Horsepower limitations may affect pressure/flow combinations.

Model	S/code	Max Pump Pressure (psi)	Max Flow (lpm)	Engine	Pump (rpm)	Boxed Dimensions (LxWxH) mm	Weight (kg)	
ZETA 85 D HTP	SZETA85L48HTP	280 (20 bar) 2,000 kPa	85	<b>YANMAR</b> 4.8HP recoil	550	1100x800x950	65 <sup>#</sup>	<b>\$7,590</b>
	SZETA85L48HTP	280 (20 bar) 2,000 kPa	85	<b>YANMAR</b> 4.8HP electric start	550	1100x800x950	65 <sup>#</sup>	<b>\$8,649</b>
Kappa 43 D HTP	SKAPPA43HTPL48E	568 (40 bar) 4,000 kPa	44	<b>YANMAR</b> 4.8HP electric start	550	1100x800x950	65 <sup>#</sup>	<b>\$8,649</b>
Delta 75 D HTP	SDELTA75L100HTP	568 (40 bar) 4,000 kPa	75	<b>YANMAR</b> 10HP electric start	550	1100x800x950	160 <sup>#</sup>	<b>\$10,679</b>
Delta 125 D HTP	SDELTA125L100HTP	420 (30 bar) 3,000 kPa	125	<b>YANMAR</b> 10HP electric start	550	1100x800x950	170 <sup>#</sup>	<b>\$11,085</b>

#### Aussie Mine Boss option ....

includes following extras

- 38mm super robust gal frame
- Balanced lifting bar
- Emergency stop
- Lockable battery isolation
- Dry cell battery
- Integrated fire extinguisher
- Bunded tray



#### Wash down kit ...

Turbo 400 gun with 30m of 10mm single wire braid hose

SHOSEKIT1 **\$916**



Model	S/code	Max Pump Pressure (psi)	Max Flow (lpm)	Engine	Pump (rpm)	Boxed Dimensions (LxWxH) mm	Weight (kg)	
Delta 75 D HTP	SDELTA75L100HTM3	568 (40 bar) 4,000 kPa	75	<b>YANMAR</b> 10HP electric start	550	1100x800x950	175 <sup>#</sup>	<b>\$12,584</b>
Delta 125 D HTP	SDELTA125L100HTM	420 (30 bar) 3,000 kPa	125	<b>YANMAR</b> 10HP electric start	550	1100x800x950	185 <sup>#</sup>	<b>\$12,991</b>

### NEW CLEAN AIR SERIES EUROPE'S FINEST



COMMERCIAL  
DRY VACS

100



INDUSTRIAL  
WET/DRY VACS

101



JUMBO VACS

102



DRUM VACS

102



PUMP OUT VACS

103



CARPET  
EXTRACTORS

103



ACCESSORIES

104





## 10 LITRE

## WET/DRY ... VF13

71.5dBA



- ◆ Impact resistant polypropylene barrel
- ◆ Unique Aussie Microweb ... 99.9% filtration, reusable filter
- ◆ Professional 32mm tool kit
- ◆ 7 metre heavy duty commercial grade power cable
- ◆ Heavy duty wheel kit



Model	VF13
S/code	VF13
Capacity	10 litres
Motor	1 x 1200 watt, 240 volt
Air Flow	250 m³/h
Air Flow	70 l/s
Noise Level	71.5 dBA at 7m
Weight	8 kg
Boxed dimensions	400 x 380 x 600 mm
	<b>\$398</b>

Replacement Microweb filter (VKF052) \$115



32mm accessory kit

## 30 LITRE WET/DRY ... VC44

## SUPER QUIET

60dBA



- ◆ Impact resistant polypropylene barrel
- ◆ Heavy duty wheel kit
- ◆ Professional 40mm accessory kit
- ◆ Unique Aussie Microweb ... 99.9% filtration, reusable filter
- ◆ 7 metre durable power cable

Model	VC44
S/code	VC44
Capacity	30 litres
Motor	1 x 1200 watt, 240 volt
Water lift	2200 mm
Air Flow	70 l/s
Accessory size	40 mm
Weight	12 kg
Boxed dimensions	440 x 440 x 800
	<b>\$466</b>

Replacement Microweb filter (VKF055) \$115



40mm accessory kit

## 5 Accessories & options for VF13



Multipurpose carpet & floor tool

### 32 MM ACCESSORIES

- ◆ Heavy duty, 3 metre, crush proof hose
- ◆ Multipurpose carpet & floor tool
- ◆ Squeegee with swivel
- ◆ 3 piece chrome wand assembly including handle
- ◆ Crevice tool
- ◆ Venetian blind tool
- ◆ Round brush

### OPTIONAL ACCESSORIES

- ◆ Turbo brush, air driven (s/code V72042) **\$197**
- ◆ Paper bags, set of five (s/code V40096) **\$34**



Blind tool

## Accessories & options for VC44



Squeegee with swivel

### 40 MM ACCESSORIES

- ◆ 3 metre flexible crush proof hose VHOSE38MMX3
- ◆ 2 piece chrome wand assembly VHH012M(male) & VHH012F (female)
- ◆ Crevice tool VLL002N
- ◆ Round brush VZZ061
- ◆ Hard floor brush with swivel (420mm) VKS011
- ◆ Squeegee with swivel (420mm) VKS013
- ◆ Adaptor to suit round brush VAD001

### OPTIONAL ACCESSORIES

- ◆ Aluminium carpet brush (suits 40mm accessory kit) (VKS012) **\$64**
- ◆ Paper bag (VSF802) **\$26**
- ◆ Reusable nylon filter, protects VC61 Microweb filter (VSF065) **\$54**
- ◆ Drain kit (VKT013) **\$96**



Hard floor brush with swivel



### 50 & 75 LITRE WET/DRY

#### INDUSTRIAL STRENGTH

- ◆ **Impact resist** polypropylene barrel
- ◆ **Heavy duty** wheel kit
- ◆ **Professional 40mm** accessory kit
- ◆ Unique **Aussie Microweb** ... 99.9% filtration, reusable filter
- ◆ **7 metre** durable power cable



40mm accessory kit

Model	VC61	VC72	VC73
S/code	VC61	VC72	VC73
Capacity	50 litres	75 litres	75 litres
Motor	1 x 1200 watt, 240 volt	2 x 1200 watt, 240 volt	3 x 1200 watt, 240 volt
Water lift	2200 mm	2400 mm	2600 mm
Air Flow	70 l/s	119 l/s	181 l/s
Accessory size	40 mm	40 mm	40 mm
Weight	22 kg	28 kg	31 kg
Boxed dimensions LxWxH (mm)	570 x 530 x 920	660 x 580 x 1000	660 x 580 x 1000
	<b>\$698</b>	<b>\$863</b>	<b>\$998</b>

Replacement Microweb filter (VKF056) \$154 (VKF056) \$154 (VKF056) \$154

#### What is Microweb?

It's a **unique** filter media constructed from a **homopolymer acrylic fibre**. It has a microporous membrane applied to the collection surface. This provides a low pressure drop, causes the dust to 'cake', facilitates **better dust release** and **improves collection efficiency**.



**Microweb** is essential for dust from limestone, biochemical, lead, sugar, cement, Gyprock, precious metals, pigments and fertilizers.



Orange or blue head options

### Accessories & options for VC61/72/73



Squeegee with swivel



Hard floor brush with swivel

#### 40 MM ACCESSORIES

- ◆ 3 metre flexible crush proof hose VHOSE38MMX3
- ◆ 2 piece chrome wand assembly including handle VHH012M(male) VHH012F (female)
- ◆ Crevice tool VLL002N
- ◆ Round brush VZZ061
- ◆ Hard floor brush with swivel (420mm) VKS011
- ◆ Squeegee with swivel (420mm) VKS013
- ◆ Adaptor to suit round brush VAD001

#### OPTIONAL ACCESSORIES

- ◆ Aluminium carpet brush (suits 40mm accessory kit) (VKS012 \$64)
- ◆ Paper bag (VSF802 \$26)
- ◆ Reusable nylon filter, protects Microweb filter (VSF065 \$54)

#### DRAIN KIT

Drain kit, fits to any barrel vac to enable tank to be drained without lifting barrel

VKT013 \$96



### JUMBO WET/DRY

#### INDUSTRIAL STRENGTH

- ◆ Impact resist polypropylene barrel
- ◆ Heavy duty wheel kit
- ◆ 50mm & 90mm accessory kit
- ◆ Unique Aussie Microweb... 99.9% filtration, reusable filter
- ◆ 7 metre durable power cable

**FREE**  
Microweb filter  
...99.9% filtration



Model	Jumbo
S/code	VC83
Capacity	75 litres
Motor	3 x 1200 watt, 240 volt
Water lift	2600 mm
Air Flow	181 l/s
Accessory size	50 & 90 mm
Weight	31kg
Boxed dimensions LxWxH (mm)	640 x 700 x 1000
	<b>\$1,358</b>

Replacement Microweb filter (VKF056) \$154

#### 50 MM ACCESSORIES

- ◆ 3 metre flexible crush proof hose
- ◆ One piece chromed steel wand with handle
- ◆ Crevice tool
- ◆ Round brush
- ◆ Heavy duty hard floor tool available for wet/dry applications
- ◆ Accessory adaptor

#### 90MM ACCESSORIES

- ◆ Super strength 3 metre sinflex hose assembly
- ◆ 1 metre heavy duty 90mm poly suction tube
- ◆ Poly suction spout (length 310mm)

#### OPTIONAL ACCESSORIES

- ◆ Paper bag (VSF802) \$26
- ◆ Reusable nylon filter, protects Microweb filter (VSF065) \$54
- ◆ Drain kit (VKT013) \$96



90mm accessories



50mm accessories



AUSSIE VACS

5

### AUSSIE DRUM VAC ...WORKSHOP CLEAN-UP

- ◆ Standard 200 litre steel drum for easy disposal/replacement.
- ◆ Heavy duty steel collar
- ◆ Professional 40mm accessory kit with standard version (see p 99)
- ◆ 50mm & 90mm accessories with Jumbo version (see above)
- ◆ Unique Aussie Microweb ... 99.9% filtration, reusable filter
- ◆ 7 metre durable power cable

**FREE**  
Microweb filter  
...99.9% filtration



	DRUM VAC	JUMBO DRUM VAC
S/code	VDRUMVAC40MM	VDRUMVAC50MM/90
Capacity		200 litres
Motor		3 x 1200 watt, 240 volt
Water lift		2600 mm
Air Flow		181 l/s
Accessory size	40 mm	50 & 90 mm
Weight		63 kg
Boxed dimensions		570 x 530 x 970
	<b>\$2,612</b>	<b>\$2,839</b>
Trolley (VDRUMDOLLIE)	\$630	





### 75 LITRE PUMP OUT VAC

#### WET AREA SPECIALIST

#### INDUSTRIAL STRENGTH



- ◆ Impact resist polypropylene barrel
- ◆ Heavy duty wheel kit
- ◆ 40mm flexible crush proof hose (3m)
- ◆ Heavy duty squeegee tool
- ◆ 7 metre durable power cable
- ◆ Pump-out system
- ◆ Note: no filter fitted, not suitable for dust collection

Model	VC72MX
S/code	VC72MX
Capacity	75 litres
Motor	2 x 1200 watt, 240 volt
Water lift	2400 mm
Air Flow	119 l/s
Accessory size	40 mm
Weight	32 kg
Boxed dimensions	660 x 580 x 1000
LxWxH (mm)	
	<b>\$1,800</b>



AUSSIE VACS

### AUSSIE CARPET EXTRACTOR

A heavy duty carpet extractor designed for domestic and commercial applications. Forces detergent water deep into the carpet then extracts dirty water into the recovery tank.

Units feature a 50 litre stainless steel recovery tank, and 30 litre polypropylene solution tank mounted on a manoeuvrable trolley.



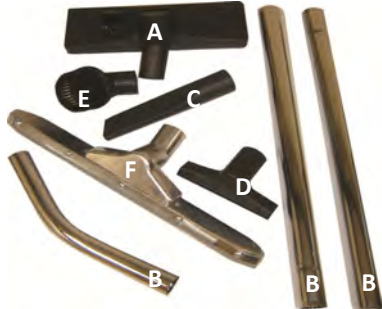



Model	VL450
S/code	VL450
Capacity	50 litres
Motor	2
Air Flow	119 m <sup>3</sup> /h
Delivery	2 lpm
Pump	1/3HP Shurflo
Weight	33 kg
Boxed dimensions	670 x 810 x 1010
	<b>\$2,469</b>

#### Standard Accessories

- Chrome wand with carpet extractor, with 2 jets , 280 mm width
- Upholstery tool with single jet

Stock Code	Description		
32mm Accessories (standard with all vacs)			
V68220		Heavy duty, 3 metre, crush proof hose	\$72
VZZ002	A	Multipurpose carpet & floor tool	\$70
VKC002	B	3 piece chrome wand assembly including handle	\$62
VLL01N	C	Crevice tool	\$12
VZZ077N	D	Venetian blind tool	\$12
VZZ021N	E	Round brush	\$19
Optional 32mm Accessories			
V68220		Extension hose (per metre)	\$24
V69035		Hose joiner	\$17
40mm Standard Accessories			
VAK40MM		Complete kit	\$302
VHOSE38MMX3		3 metre flexible crush proof hose	\$76
VHH012M (to hose) VHH012F (to tools)	A B	2 piece chrome wand assembly including handle (male or female)	\$31 each
VLL002N	C	Crevice tool	\$13
VZZ061	D	Round brush	\$20
VKS011	E	Hard floor brush with swivel (length 420mm)	\$74
VKS013	F	Squeegee with swivel (length 420mm)	\$82
VAD001	G	Accessory adaptor to suit round brush	\$13
Optional 40mm Accessories			
VKS012		Aluminium carpet brush with swivel	\$64
VKA011		Outrigger (650mm) with mounting bracket	\$666
VKR001		Hard floor brushes to suit outrigger (two needed)	\$61
VHOSE		Extension hose (per metre)	\$26
VEE005N		38mm hose cuff (hose to wand fitting)	\$18
VEE004N		38mm hose tail (hose to tank fitting)	\$16
V69052		38mm hose jointer	\$22
VLA013		Rubber squeegee to suit VKS013 (two required)	\$24
50mm Accessories			
VK0100		Complete kit	\$448
VKT005		3 metre flexible crush proof hose	\$151
VHH005		One piece chromed steel wand with handle	\$68
VLL003		Crevice tool	\$28
VZZ101		Round brush	\$28
VZZ091		Hard floor tool for wet/dry applications	\$220
VAD002		Accessory adaptor	\$13
90mm Accessories			
VK0101		Complete kit	\$434
VKT006		Super strength 3 metre synflex hose assy	\$326
VHH019		Heavy duty 90mm polysuction tube	\$102
VLL005		Poly suction spout (length 310mm)	\$52
Paper Bags			
V40048		Suits Whisper (5 pack)	\$34
V40096		Suits VY13F1 ( 5 pack)	\$37
V40064		Suits Dorsal (10 pack)	\$34
V44715		Suits VC44, VC61, VC62, VC73, VC83/3 (1 only -22 litre capacity)	\$18
VSF802		Suits VC44, VC61, VC72, VC73, VC83/3 (1 only -40 litre capacity)	\$26
Filter Protectors			
VSF065		Nylon filter protector, prevents filter clogging from fine dust, suits VC61/62, VC72/73/83, Drum vac	\$54



Drain Kit			
VKT013	Drain kit, fits to any barrel vac to enable tank to be drained without lifting barrel		\$96

Microweb Micro Filters (99.9% filtration) for a healthy clean			
VKF052	suits Clean Air VY13F1		\$115
VKF055	suits VC44		\$116
VKF056	suits VC61/62, VC72/73/83, Drum Vac		\$154
Complete Heads			
VKE005	Suits VF13		\$238
VKE012	Suits VC44		\$292
VKE013	Suits VC61 (single motor option)		\$570
VKE014	Suits VC62, VC72 (two motor option)		\$598
VKE026	Suits VC72MX pump out vac (two motors)		\$615
VKE015	Suits VC73, VC83 (three motor option)		\$843



### Triplex Pump Trouble shooting guide - common to all pressure cleaners

Symptoms	Cause	Action	User check	Service Agent only
No pressure	No gun/lance assembly fitted	Fit gun/lance assembly	<input checked="" type="checkbox"/>	
	Unloader jammed	Replace unloader valve		<input checked="" type="checkbox"/>
	Worn unloader valve	Replace unloader valve		<input checked="" type="checkbox"/>
	Debris in pump valves	Wash out pump , flush manifold and install inlet water filter, clean valves		<input checked="" type="checkbox"/>
Pump runs normally but pressure is low or drops	Pump is sucking air	Check that hoses and fittings are tight	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Insufficient water supply	Check supply, clean or replace water filter if fitted	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Nozzle worn, missing or incorrect	Check size is correct, replace if worn	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Valves worn or dirty	Replace valves		<input checked="" type="checkbox"/>
	Unloader seat worn or damaged	Replace unloader valve		<input checked="" type="checkbox"/>
	Worn piston packing	Replace packing		<input checked="" type="checkbox"/>
	Relief valve jammed, plugged or improperly adjusted	Clean, adjust relief valve		<input checked="" type="checkbox"/>
Pressure fluctuates	Cracked pistons caused by dry running	Replace pistons		<input checked="" type="checkbox"/>
	Pump sucking air	Check that hoses and fittings are tight	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Valves are worn, dirty or stuck	Clean or replace valves		<input checked="" type="checkbox"/>
Back pressure in supply hose when on by-pass	Worn piston packings	Replace piston packings		<input checked="" type="checkbox"/>
	Low pressure valves dirty or worn	Clean or replace low pressure valves		<input checked="" type="checkbox"/>
High pressure hose vibrates	Insufficient water supply	Check supply, clean or replace water filter if fitted.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Pump is sucking air from empty detergent tank	Refill the detergent tank	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Pump sucking air from hoses or fittings	Check that hoses and fittings are tight	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Air in water circuit	Check for leaks. Tighten all fittings. Disconnect high pressure hose and let machine run until water is flowing constantly without air	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Valves dirty or stuck	Clean or replace valves		<input checked="" type="checkbox"/>
Machine is noisy	Pump sucking air	Check hoses and fittings are tight	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Water too hot	Reduce temperature to below 60°C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Valves worn, dirty or stuck	Clean or replace valves		<input checked="" type="checkbox"/>
	Worn bearings	Replace bearings		<input checked="" type="checkbox"/>
Pump oil is milky (water in oil)	Worn packings & oil seals	Replace packings & oil seals		<input checked="" type="checkbox"/>
	High humidity in air	Check and change oil more frequently		<input checked="" type="checkbox"/>
	Sand or dirt entering system	Check supply, use only clean water and fit water filter if required		<input checked="" type="checkbox"/>
Water dripping from pump	Worn piston packings	Replace piston packings		<input checked="" type="checkbox"/>
	O-rings of piston guide or retainer worn	Replace o-rings		<input checked="" type="checkbox"/>
Oil leak	Travel plug in use on pump	Replace with breather plug	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Loose drain plug	Check drain plug fitted correctly	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Worn oil seals	Replace oil seals		<input checked="" type="checkbox"/>
	Oil level too high	Drain excess oil		<input checked="" type="checkbox"/>
Unloader valve 'knocking' during operation	Water nozzle partially blocked	Clean water nozzle	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Water filter dirty	Clean water filter	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Unloader valve is 'knocking' when gun is closed	Gun is leaking	Clean inside gun removing any deposits or build-up		<input checked="" type="checkbox"/>
	Air in water circuit	Check for leaks. Tighten all fittings. Disconnect high pressure hose and let machine run until water is flowing constantly without air	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Damaged high pressure hose	Check and replace	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Faulty unloader valve	Replace unloader valve		<input checked="" type="checkbox"/>
No detergent supplied	Lance not set to low pressure	Adjust lance or fit detergent nozzle	<input checked="" type="checkbox"/>	
	Empty detergent tank	Refill detergent tank	<input checked="" type="checkbox"/>	
	Detergent valve stuck	Clean or replace		<input checked="" type="checkbox"/>
	Intake hose and/or filter dirty	Check and clean	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Pressure gauge shows high pressure fluctuations when shutting off gun	Unloader valve set too high above operating pressure	Adjust the unloader at the operating pressure		<input checked="" type="checkbox"/>
	Dirty valve	Clean unloader valve (removing lime deposits etc). Grease parts before installing		<input checked="" type="checkbox"/>
Leaky unloader at nominal pressure	Nozzle too small, too much water	Check nozzle size correct		<input checked="" type="checkbox"/>
	Worn out unloader valve	Replace unloader valve		<input checked="" type="checkbox"/>

This guide is for trained technicians ... contact your Aussie service centre for assistance.

Symptoms	Cause	Action	User check	Service Agent only
<b>Electric drive pressure cleaners</b>				
<b>Machine does not start</b>	Power not connected	Check plug, cable and switch	<input checked="" type="checkbox"/>	
	Wrong voltage	Check mains voltage	<input checked="" type="checkbox"/>	
	Power cable damaged	Replace cable		<input checked="" type="checkbox"/>
<b>Motor hums but does not run</b>	Voltage supply is too low	Check power supply for correct voltage	<input checked="" type="checkbox"/>	
	Pump is stuck	Manually turn motor		<input checked="" type="checkbox"/>
	Spray gun not activated	Activate spray gun when switching on	<input checked="" type="checkbox"/>	
	Cross section of extension lead too small	Use correct dimension extension lead	<input checked="" type="checkbox"/>	
<b>Motor stops suddenly</b>	Cut out switch activated due to overheating	Check power supply is correct. Disconnect machine and allow to cool off for a few minutes.	<input checked="" type="checkbox"/>	
<b>Motor trips out</b>	Unit run on excessive extension lead	Remove lead	<input checked="" type="checkbox"/>	
	Power lead or plug damaged	Fix or replace		<input checked="" type="checkbox"/>
	Excessive pressure build up	Check pressure, nozzle size, unloader setting		<input checked="" type="checkbox"/>
	Motor down to earth e.g. water ingress	Electrician to test, fix or replace		<input checked="" type="checkbox"/>
	Suction amperage cut-out set too low	Reset to correct setting		<input checked="" type="checkbox"/>
<b>Engine drive pressure cleaners ....</b> For further assistance with engine trouble shooting consult the manufacturers handbook				
<b>Machine does not start</b>	Battery dead	Recharge or replace battery		<input checked="" type="checkbox"/>
	Battery cables disconnected	Clean connections and reconnect cables		<input checked="" type="checkbox"/>
	Engine, pump or gearbox is seized	Replace or repair seized part		<input checked="" type="checkbox"/>
	Low oil shutdown is activated	Add oil to engine, consult user guide		<input checked="" type="checkbox"/>
	Low on fuel	Add fuel		<input checked="" type="checkbox"/>
<b>Engine slows down under load, whenever gun trigger is pressed</b>	Engine needs service	Consult engine service centre		<input checked="" type="checkbox"/>
<b>Hot water &amp; Steam cleaners</b>				
<b>Burner is smoking</b>	Water in the fuel tank	Empty fuel tank, clean and refill with clean fuel		<input checked="" type="checkbox"/>
	Fuel pressure incorrect	Adjust fuel pressure		<input checked="" type="checkbox"/>
	Air throttle adjusted incorrectly	Adjust air intake on fan		<input checked="" type="checkbox"/>
	Electrodes positioned incorrectly	Clean, adjust or replace as required		<input checked="" type="checkbox"/>
	Fuel nozzle dirty	Clean fuel nozzle		<input checked="" type="checkbox"/>
	Fuel nozzle worn or damaged	Change fuel nozzle		<input checked="" type="checkbox"/>
	Heating coil blocked by soot	Remove & clean heating coil		<input checked="" type="checkbox"/>
	Fuel pump dirty	Replace fuel pump		<input checked="" type="checkbox"/>
	Fuel solenoid valve not working	Replace fuel solenoid		<input checked="" type="checkbox"/>
<b>Burner will not fire</b>	Burner switch not on	Turn switch on burner	<input checked="" type="checkbox"/>	
	Diesel fuel level low	Add diesel	<input checked="" type="checkbox"/>	
	Trigger on spray gun not pulled	Squeeze trigger to fire burner	<input checked="" type="checkbox"/>	
	Fuel filter blocked	Clean and replace if necessary		<input checked="" type="checkbox"/>
	Overload on burner motor tripped	Consult service manual		<input checked="" type="checkbox"/>
	Low water pump pressure	Trouble shoot pump (see page 105)		<input checked="" type="checkbox"/>
	Fuel blockage	Check fuel system for flow, clear blockage		<input checked="" type="checkbox"/>
	Electrode gap incorrect	Reset		<input checked="" type="checkbox"/>
	No power to electrodes	Trace power & replace faulty parts		<input checked="" type="checkbox"/>
<b>Burner cuts out during operation</b>	Fuel tank is empty (burner will produce white smoke)	Refill the fuel tank	<input checked="" type="checkbox"/>	
	Suction filter is dirty	Remove filter and clean using fuel and a brush		<input checked="" type="checkbox"/>
	Water in fuel	Empty fuel tank, clean and refill with clean fuel		<input checked="" type="checkbox"/>
	Pressure switch not functioning	Replace pressure switch		<input checked="" type="checkbox"/>
	Ignition transformer faulty	Replace transformer		<input checked="" type="checkbox"/>
	Rotation of electrodes	Adjust electrodes		<input checked="" type="checkbox"/>
	Fuel nozzle is dirty	Clean fuel nozzle		<input checked="" type="checkbox"/>
	Fuel nozzle is worn Fuel pump is faulty	Replace fuel pump		<input checked="" type="checkbox"/>
	Fuel solenoid valve not working	Replace solenoid valve		<input checked="" type="checkbox"/>
	Fuse burnt out	Check & replace		<input checked="" type="checkbox"/>
<b>Water does not reach working temperature</b>	Thermostat adjusted too low	Adjust thermostat	<input checked="" type="checkbox"/>	
	Thermostat is faulty	Replace thermostat		<input checked="" type="checkbox"/>
	Scale build up in water circuit	De-scale inside of coil		<input checked="" type="checkbox"/>
	Burner sooted	Remove & clean outside of coil & inside of cove		<input checked="" type="checkbox"/>

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Aussie Pump's general terms of sale represent a statement of contracts to supply equipment between Australian Pump Industries Pty Ltd and its customers.

## Prices

- Prices printed in the Aussie Pumps price list are current at date of issue and are subject to change without notice. Prices charged will be those ruling at the date of delivery.
- All retail prices quoted are recommendations only. There is no obligation to comply with these recommendations.
- The validity of any quote given by Aussie Pumps will be 30 calendar days unless stated otherwise in the quotation. We reserve the right to withdraw quotations in writing before the end of the validity period.
- In line with industry standards, minimum order value of \$50<sup>+GST</sup> applies to all customer orders.

## Special Construction Products

- Pressure cleaners or any other product, not listed as a standard product in the price list may be manufactured by Aussie Pumps against specific customer order and specification. These units are not eligible for return under the stock swap program.
- It is the purchaser's responsibility to satisfy itself of the suitability of any special order products being built by Aussie Pumps for the buyer's purpose based on the information provided by Aussie Pumps in its quotation.
- Special orders as described above are irrevocable and not subject to cancellation or deferment.
- Warranties applicable to special order products as described above are the same as that which applies to all standard Aussie Pumps product, other than for those items supplied to Aussie Pumps by third parties for which Aussie Pumps will assign the original supplier's warranty to the buyer of the "special order product".

## Goods Returned Policy

- Return of goods for credit will not be accepted without our prior written approval. There is no obligation on the part of Australian Pump to accept goods returned for credit without prior approval. Return authority label must be attached to outside of box. Return is conditional upon the products being returned;
  - Freight prepaid in unused condition and in original packaging. Obsolete products are not eligible for return.
  - Products returned for credit must be unsoiled, undamaged, in resalable condition and not more than 12 months old.
  - All returned products must be accompanied by a copy of the original delivery docket.
  - A written statement including the original invoice number, the date of purchase and full reasons for the return.
- Credit value of the goods returned will be at the absolute discretion of Aussie Pumps and will be limited to the original amount invoiced for that product. A restocking charge, the amount of which shall be at the absolute discretion of Aussie Pumps but will be not less than 25% of the original price of the product, will be applied to cover restock, repackaging, documentation and administration charges.

## Incorrectly Supplied, Missing or Damaged Goods

- Aussie Pumps must be notified, in writing, within three (3) working days of delivery of any goods incorrectly supplied so that prompt replacement with the correct products can be arranged.
- All deliveries should be inspected for missing or damaged goods before the buyer signs for the goods. Missing or damaged goods should be noted on the consignment note. Any claims for missing goods or for products supplied in damaged condition must be reported to Aussie Pumps, in writing, within three (3) working days for the claim to be considered. N.B. Our terms are ex works. Claims

for damage in transit will not be considered.

## Warranty

- All Aussie Pumps products are guaranteed to be free from faulty workmanship or material as detailed in the warranty card supplied with each product and as detailed in the operator's manual that is supplied with the goods.
- All engine warranty** claims should be made directly to the service agent for the engine manufacturer and warranty is subject to their terms & conditions.
- Federal battery warranty** is covered by Ryde Batteries, 1300 133 980. Call to find their nearest nominated agent.
- Repairs carried out** by Aussie Pumps Service Division on products outside the guarantee period are guaranteed to be free of faulty workmanship or material for a period of three (3) months after the repair.
- Warranty** is deemed to apply to failures due to faulty workmanship or materials and does not apply to fair wear and tear, improper installation or application, the user's failure to carry out maintenance, or as a result of the product's use for purposes for which it was not designed.
- Aussie Pumps is not liable for any loss of profit or consequential or indirect special loss arising from defects in any of its products.
- Aussie Pumps will not be liable for damage or injury of any kind whatsoever arising directly or indirectly from product defects.
- Aussie Pumps' liability under the terms of the company's guarantee or warranty is limited to any one of the following:
  - replacement of the product with a suitable equivalent
  - repair of the product
  - return of the product for refund of purchase price
  - payment for the cost of having the product repaired
  - supply of replacement services
  - payment of the cost of having services supplied again
- Aussie Pumps reserves the right to choose the lowest cost option of the above.

N.B. All prices are ex works Castle Hill warehouse. If purchaser chooses to use our carrier insurance is purchaser's responsibility. We do offer freight insurance at 2% of the value of the goods shipped.

**DEMONSTRATION/FIELD DAY STOCK** - In the event that goods are loaned to a customer for demonstration or display, the customer is responsible for return of the goods in BRAND NEW CONDITION. Any parts, labour or packaging required to put the loaned items back into brand new condition will be charged to the customer at normal rates.

N.B. The customer is deemed to be the person / customer to whom Australian Pump Industries loans the goods.

Due to our program of continuous product development Australian Pump reserves the right to alter specifications without notice.

## Note:

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

The benefits under the Aussie Pump warranty are in addition to other rights under Australian Consumer Law.