

Semi Professional Model XR1580 and XR 1690

- Semi-professional water-jet cleaner, complete with reinforced plastic trolley and fairing, practical and safety. Self-priming brass pump. 3 axial pistons. Motor with thermo-magnetic protection that does not require maintenance. By-pass valve with knob for regulating the pressure. Aspiration of detergent. Low noise level. No vibrations. Glycerine bath pressure gauge. Max temperature of incoming water 40°C.

Standard Accessories:

- Tank of detergent.
- High pressure tube.
- Gun with trigger block.
- Multireg lance head with jet regulation.
- Supply cable with plug.



AA00001

Stock Code	Model	Bar	PSI	Lt/h	GPM	kW	Volt/Hz	Peso kg.	Dimension cm.
AA 00001	XR1580	150	2250	480	2,88	2,3	230/240/50	21	37 x 47 x 94
AA 00002	XR1690	1552	325	540	2,88	2,7	230/240-1-50	23	37 x 47 x 94



SHARK Professional Model 170 and 200

Motor driven pump composed of electric motor for different capacities and pressures, connected with high pressure pump with 3 radial ceramic coated pistons, built on a 2 wheel trolley.

- Detergent suction ejector at low pressure
- Built-in by-pass valve for setting the pressure in the outlet hose to zero
- Pressure gauge in glycerine bath
- Inlet hose fitting with filter
- Electric motor with thermal protection
- Motor protection grade IP 54
- Cutout switch for 3-phased models
- Frame in steel varnished with epoxydic powders
- Housing for detergent tank
- Casing made of shock-resistant plastic material
- High pressure hose
- Electric cable with plug
- Gun with trigger blocking device
- Lance with setting nozzle for different spray jets.*



AA00003

Stock Code	Model	Bar	PSI	Lt/h	GPM	kW	HP	Volt/Hz	Peso kg.	Dimension cm.
AA 00003	PRO0170	170	2465	900	3,5	4,0	5,0	380-3 - /50 415-3 - /50	47	66 x 46 x 85
AA 00004	PRO0200	200	2900	900	4	5,5	6,0	380-3 - /50 415-3 - /50	70	72 x 46 x 51



Hot Water High Pressure Cleaner – Professional

Features:

- Double motor (Pump and burner)
- Three ceramic pistons brass pump headwith by-pass valve
- Suction and delivery inox steel valves
- Direct detergent suction in high pressure with built-in tank
- Indirect water inlet
- Temperature regulation gauge
- Glycerine pressure gauge
- Vertical burner with high thermal efficiency steel serpentine (36m)
- AUTOMATIC STOP System D type
- Safety value with water discharge
- Lights input voltage and burner on
- Reserve fuel warning light
- Power cable



AA00190

Standard Supply:

- Professional gun with steam control and 10m high pressure hose
- Professional high pressure lance with fan jet



Stock Code	Version	Press	Lt/h	kW	rpm	HP	kg.	C° max
AA 00190	200 BAR	2900	900	5.7	1450	7.5	150	140

Portable High Pressure Cleaner

A portable high pressure cleaner with trolley Hobby with high performances: compact, powerful, handy, suitable for home and garden.

- Maintenance-free motor with thermal protection.
- 3 radial pistons.
- Built-in-by-pass valve.
- Detergent suction hose.
- Low noise. Vibrationless.
- Pressure gauge in glycerine bath.
- Max. inlet water temperature 40°C.
- Power cable with plug.

Standard Supply:

- High Pressure hose.
- Gun with trigger blocking device.
- Lance with adjustable nozzle for different spray jets.

Optional:

- Lance with progressive nozzle adjustments with constant discharge volume.



AA00005

Stock Code	Model	Model	Bar	PSI	L/HR	GPM	kW	Volt/Hz	kg.	Ø cm.
AA 00005	XR1490	Hobby	140	2800	420	2,1	2,0	230/240-1-50	14,5	30 x 40 x 71

Diesel Driven Cold Water Pressure Cleaner Thermic 10 D

- Three ceramic pistons, brass linear pump head with built-in by-pass valve
- 1500RPM reducer between engine and pump
- By-pass with safety valve
- Electrical start with engine functions control
- Lombardini Diesel engine 15LD400 (air-cooled)
- Integrated detergent suction with external suction probe. Pressure regulator
- Glycerine pressure gauge
- Suction hose with check valve (optional)
- Heavy duty steel frame
- Battery included



AA00007

Stock Code	Model	Bar	PSI	L/H	GPM	Engine Type/hp	Pump Type	RPM
AA00007	Thermic 10D	180	2465	1020	4.49	Lombardini 15LD400/10	CL5	1600

Shark 500 Strong

- Sturdy frame painted with anti corrosive treatment
- Stainless – steel cover panel
- Handy lance and gun storage
- High filtering capacity cartridge self-cleaning suction filter
- Pneumatic wheels with steel hub and air chamber
- Electric motor (1400 rpm) 25 hp
- Tw premium triplex pumps
- Motor – pump coupling by means of a flexible joint
- Automatic unloader valve with external by pass and gradual Pressure restoring
- Overheating thermostatic valve
- Remote switch and motor cut-out with thermal relay
- Emergency stop button
- Hour counter

Standard accessories

- Gun stainless steel spray gun with quick couplers
- Straight stainless steel lance, with adjustable handle
- Flat stainless – steel spray nozzle (15° or 25°) with ceramic insert
- Delivery hose kit with quick coupler m 24 x 1,5
- Self cleaning water filter



AA00011

PH	VOLT	HZ	BAR	L / H	KW	HP	KG	DIMENSIONS
3	400	50	500	1080	18,50	25	185	100 x 75 x 85

Cold Water High Pressure Cleaner – EQ 20

A complete series equipped with induction motors from 2100 up to 2800 Watt for the toughest cleaning tasks, for large areas and for frequent use. Models with brass pump head and steel lance with interchangeable nozzles.



AA00191

Stock Code	Model	Bar	PSI	L/H	GPM	kW	RPM	Volt
AA00191	EQ-20	240	2030	420	1.85	2.1	1450	230

Pedestrian Sweeper BSW 651M

- Ideal for small and medium surfaces
- Easy handling
- Wide collector tank with safety lock
- Side brush lifting
- Main brush pressure regulation
- Separate side brush
- Adjustable working load on the brush
- Tilting handle
- 360° front wheel
- Die casting brush arm
- Traceless wheels
- Shock proof frame
- Hourly efficiency (max) 1500 m2/h
- Working area (1 side brush) 500 – 700 mm



AA00012-N

Stock Code	Model	Main brush + 1 side brush width	Collector tank/ Emptying system	Max working Capacity	Pressure on the brushes	Side brush
AA00012	BSW 651M	500mm +300mm Ø	40lt - 10.58gal manual	1500m/h - 16146ft	Adjustable	lifting air system

Wet & Dry Vacuum Cleaner



AA00008



AA00009



AA00010

Stock Code	Model	Voltage	N°/motors - Power(max)	Column depression	Air Suction	Total volume/dust/liquid(L)
AA00008	Ares IW	220-240V/1/50	1x Silenced two stage motor 1400W	21.6kPa/2200mm ₂ Ø	53l/S	20L/14L/16L
AA00009	Kronos IF	220-240V/1/50	1x Silenced two stage motor 1400W	23.6kPa/2400mm ₂ Ø	54l/S	35L/18L/20L
AA00010	Windy 3600W	220-240V/1/50	3x Silenced two stage motor 3600W	22kPa/2200mm ₂ Ø	195l/S	68L/30L/40L

Portable Hot Water Pressure Washer – Electrical Powered PHW: LANDA

- Suitable for effective cleaning of dirt along with grease and grime
- Typically used indoors because there are no fumes and they are quieter



AA00670



Stock Code	Model	GPM	PSI	Motor (HP)	Electrical	Amps	Pump (RPM)	BTU / Hr	Dimension
AA00670	PHW4-22024	4.0	2,200	6.2	230V 1ph	28	1025	400,000	52" x 32" x 38"
AA00671	PHW4-30024	3.9	3,000	8.2	230V 3ph	16	975	400,000	52" x 32" x 38"
AA00672	PHW5-30024	4.8	3,000	10	460V 3ph	11	1500	448,000	52" x 32" x 38"

Portable Hot Water Pressure Washer – Gasoline Powered PGHW: LANDA

As LANDA's most popular gasoline-powered, industrial hot water pressure washer, the PGHW combined a smaller size with the ruggedness of a skid-mounted unit.

- Self-contained and portable so they can be used in the field (no electric cords); all you need is water
- Industrial duty with safety features



AA00673



Stock Code	Model	GPM	PSI	Engine	Pump (RPM)	BTU / Hr	Dimension
AA00673	PGHW4-30324E	3.5	3,000	Honda GX390	1125	372,000	48" x 32" x 44"
AA00674	PGHW5-30224E	4.8	3,000	Vanguard 16	1375	470,000	48" x 32" x 44"
AA00675	PGHW5-35324E	4.7	3,500	Honda GX630	1360	385,000	48" x 32" x 44"
AA00676	PGHW4-40324E	4.0	4,000	Honda GX630	1425	372,000	48" x 32" x 44"
AA00677	PGHW5-50524E	5.0	5,000	Kawasaki FD2750D	1585	470,000	48" x 39" x 42"

E: Electric start engine; battery not included

Portable Cold Water Pressure Washer – Electric Powered

- Ideal for indoor cleaning applications, from food processing to warehouse cleaning
- Accepts hot water up to 175°F



AA00678



SEA : LANDA Super-Duty Cabinet-Design Cold Water Model Offers Quiet, Flexible Indoor Cleaning



Stock Code	Model	GPM	PSI	Motor (HP)	Electrical	Amps	Pump (RPM)	Cord Length (ft)	Dimension
AA00678	SEA4-20024	4.2	2,000	6.2	230V 1 ph	28	935	36ft /GFCI	26" X 20" X 16"
AA00679	SEA4-30024	3.5	3,000	7.5	230V 3 ph	21.5	800	36ft /GFCI	26" X 20" X 16"

Portable Cold Water Pressure Washer – Electric Powered

- The PE (Portable Electric) is the beefiest unit on wheels
- Industrial-duty Baldor motor, durable steel frame with welded seams, and stainless steel point-and-shoot wand



AA00680



PE : LANDA Most Popular Belt-Drive Model For Constant Usage Applications

Electrical



Stock Code	Model	GPM	PSI	Motor (HP)	Electrical	Amps	Pump (RPM)	Dimension
AA00680	PE4-20024	4.2	2,000	6.2	230V 1ph	36	900	48" x 26" x 28"
AA00681	PE4-30024	3.5	3,000	7.5	230V 3ph	21.5	800	48" x 26" x 28"
AA00682	PE5-30024	4.8	3,000	10	460V 3ph	13.4	1060	48" x 26" x 28"

Drain Cleaners - Drain Cleaner Model K-1500

K-3/K-6 Closet Augers

High quality tools in 3' and 6' lengths provide fast and safe cleaning of closet obstructions



AH59787
AH59797

Stock Code	Model No.	Description	Weight		Standard Pack	Replac. Cable
			lb	kg		
AH59787	K-3	3' Closet Auger w/ Bulb Head	4.3	1,9	6	-
AH59797	K-6	6' Closet Auger w/ Bulb Head	4.3	1,9	6	60362

One-Piece Flat Sewer Tape

- Sizes and lengths for use on sewer and drain lines through 8" (200mm) in diameter and up to 100' (30m) in length.
- Carrier included with all except 25' model.
- All models have spear point at one end and roller ball at the other, and hand grip.



AH62535
AH62555
AH62595

Stock Code	Model No.	Description						Line Capacity		Weight	
		Width		Thickness		Length		in.	mm.	lb	kg
		in.	mm.	in.	mm.	ft.	m				
AH62535	E-2725	1/2	12	1/16	2	50	15,2	Thru	Thru	6	2,7
AH62555	E-2729	3/4	20	1/16	2	50	15,2	2	50	8	3,6
AH62595	E-2737	3/4	20	1/8	3	50	15,2	4	100	16	7,3

One-Piece Tapes

Sink Machine Model K-39 - 3/4" to 21/2" (19-64mm) Capacity



AH68067

K-39 with Slide Action Chuck
K-39 with Autofeed and Slide Action Chuck
K-39 with 3 Jaw Chuck



Stock Code		Model No.	Description	Weight	
120V	230V			lb	kg
AH36023	120V	K-45-5	Machine with - C-1 C, 5/16" x 25' Inner Core Cable w/ Inner Drum - C-6, 3/8" x 35' Cable w/ Inner Drum - T-250, Five-Piece Tool Set for 3/8" Cable - C-6429 carrying Case	33	15,0
AH36028	120V	K-45-7	Machine with - C-1 C, 5/16" x 25' Inner Core Cable w/ Inner Drum - C-6, 3/8" x 35' Cable w/ Inner Drum - T-250, Five-Piece Tool Set for 3/8" Cable - C-6429 carrying Case	41	18,6

Slide Action Chuck

Drain Cleaner Model K-40

Machine Options



Model K-40G PF
AH71732



Stock Code	Model No.	Description	Weight	
			lb	kg
AH71732	K-40G-PF	Machine with - Autofeed - Guide Hose - Mounting Bracket - C-13 C, 5/16" x 35' Core Cable w/ Inner Drum	33	15

Drain Cleaner Model K-50 - for 3/4" to 4" (19-100mm) Drain Lines



Model K-50
AH58980

Stock Code	Model No.	Description	Weight	
			lb	kg
AH58980	76485	K-50-6 Machine with: - A-17-A Adapter - A-30 Cable Kit	67	30,4
AH59000	76495	K-50-8 Machine with: - A-17-A Adapter - A-17-B Adapter - A-30 Cable Kit	77	34,9

Drain Cleaner Model K-1500 - for 3" to 8" (32-200mm) Drain Lines



Stock Code			Model No.	Description	Weight	
115V -60Hz	230V -50Hz	240V -50Hz			lb	kg
AH23692	27612	-	K-1500A	Machine with A-1 Mitt, A-12 Pin Key and Rear Guide Hose	135	61,3
AH23712	27592	27632	K-1500A	Machine with A-1 Mitt, A-12 Pin Key and A-3-4-12 Rear Guide Hose, Plus: - Seven Sections 1-1/4" (C-11) Cable, Total 105 ft - Two A-8 Cable Carries - Nine-Piece 1-1/4" Tool Set	256	116,1
AH23702	-	-	K-1500A	Machine with A-1 Mitt, A-12 Pin Key and A-3-4-12 Rear Guide Hose, Plus: - Seven Sections 1-1/4" (C-11) Cable, Total 105 ft - Two A-8 Cable Carries - Nine-Piece 1-1/4" Tool Set	256	116,1

Drain Cleaners



K-7500 Drum Machine

Catalog No.	Model No.	Description	Voltage		Weight	
			V	lb.	kg	
AH59562	K-7500	Machine with 3/4" (20 mm) Pigtail and Standard Accessories	115	150	86.2	
AH60052	K-7500 C-100	Machine, Standard Accessories, and 3/4" x 100' (20 mm x 30.5 m) Inner Core Cable.	115	272	123.7	
AH60062	K-7500 w/C-75	Machine, Standard Accessories, and 3/4" x 75' (20 mm x 22.9 m) Inner Core Cable.	115	244	110.9	
AH61102	K-7500	Machine with 5/8" (16 mm) Pigtail and Standard Accessories	115	149	67.8	
AH61522		Machine with 5/8" (16 mm) Pigtail and Standard Accessories	220			
AH61542		Machine with 3/4" (20 mm) Pigtail and Standard Accessories	220	150	86.2	

Drain Cleaner Model K-60SP
 For 1 1/4" to 4" (32-100mm) Drain Lines
 Typical applications: Vent stacks, floor drains, sewer lines and minor root blockages



Model K-60SP
AH66512

Stock Code	Model No.	Description	Weight	
			lb	kg
115V	220-240V			
AH66492	AH66512	Machine with A-1 Operator's Mit, A-12 Pin Key, and A-60-12 Rear Guide hose	41	18,6

Drain Cleaner Model K-400
 For 1-1/2" (30 mm) to 4" (110 mm) Drain Lines



AH24853

Stock Code	Model No.	Specifications	Weight	
			lb	kg
AH24853	K-400	Drum Capacity - Length 21' [53 cm] 24' [61 cm] with AUTOFEED, Height 23" [58,5 cm] Width 17" [43,2 cm] Motor - 380W, 230V motor spins cable at 165 RPM Dimensions - Length 21" [53 cm] 24" [61 cm] with AUTOFEED, Height 23" [58,5 cm] Width 17" [43,2 cm].	45	20,4
115V				

Electric Water Jetters KJ-1750-C
 For 1 1/4" to 4" (32-100 mm) Drain Lines



Model KJ-1750-C
 on Model H-30 Cart
 AH62697

Stock Code	Model No.	Description	Weight	
			lb	kg
115V				
AH62687	KJ-1750	- KJ-1750 Jetter with Dual Pulse - H-41, H-42, and H-44 1/8" NPT Nozzles - H-51 and H-52 1/4" NPT Nozzles - 50' x 1/8" Sink Trap Hose - Nylon Storage Bag - Nozzle Cleaning Tool	75lb	(34.0 kg)
AH62697	KJ-1750C	Above With: - H-30 Cart - 110' x 1/2" Jet Hose	155lb	(70.3 kg)

Hydraulic Pressure Test Pump



• FEATURES OF KYOWA TESTER

1. Achievement of high pressures 50, 100, 300, 500, 1000kg/cm² by simple mechanism and simple operation.
2. Easy-to-carry handy type.
3. Lightweight and rust-free plastic tank, with dust-proof cover.
4. With direct-coupled type ball tap available for city water supply, ... easy to feed water.
5. Pressure gauge with 100ø large vibration absorber.
6. The closing valve is of special construction of Kyowa original design.
7. T-50N is designed for large suction/discharge rate and lightweight, having the capacity several times the conventional model.
8. T-50N is simply connected with a 1.5m high pressure hose with one-touch coupler.

• HOW TO TEST

• Testing Procedures

- 1) Install the stop valves to the test pipe (#1, #2)
- 2) Fill up the test pipe with water by the use of service water or other supply source.
- 3) When the test pipe is filled with water, remove air and close the valve (#2).
- 4) Connect the tester and the test pipe with the attached pressure resistant hose ass'y.
- 5) Fill the water tank of the tester with water and operate the pump.
- 6) Open the ball valves No.21 and No.30 of the tester body and the stop valve (#1) of the test pipe and continue the operation to fill up with water.
- 7) When the pressure gauge No.23 equipped to the tester rises to the required pressure, close only the ball valve No.21 of the tester body.
- 8) If the pressure does not drop, the test pipe is perfect.
- 9) If the pressure drops, it is indicative of leakage caused somewhere on the test pipe.

• SPECIFICATIONS (50kg/cm² pressure gauge is available if desired.)

Stock Code	Item Model	Maximum Pressure kg/cm	Plunger Diameter	Stroke mm	Suction Per Stroke c.c	Tank Capacity	Size of Discharge Nozzle	Weight kg	Dimensions L x H x W	Accessories
AA00021	T-50K-P	50	22	35	13	4.5 Plastic Tank	1/4	3.3	320 x 300 x 200	Pressure gauge 1/4 PF; 1/4 PF x 1m Pressure resistant hose ass'y
AA00022	T-100K	100	22	35	13	5.2 Steel Tank	1/4	7.0	370 x 300 x 210	Pressure gauge 1/4 PF; 1/4 nipple Ultra high pressure hose 1/4 PF x 1m
AA00023	T-300NDX	300	12	45	5.0	18	3/8	8	610 x 375 x 290	Hose ass'y; 3/8 x 1m
AA00024	T-500NDX	500	8	30	1.5	18	3/8	9.5	630 x 410 x 270	Hose ass'y; 3/8 x 1m
AA00025	T-1000NDX	1000	8	30	1.5	18	3/8	9.5	630 x 410 x 270	Hose ass'y; 3/8 x 1m

• The above specification is subject to change without prior notice. Caution other similar products. Our N-series is patented.

SUPER HIGH PRESSURE CLEANER TEST PUMP



Stock Code	Model No.	Pressure	discharge	Motor	Water feed system	Dimension (mm)	Weight
AA00222	KYC-20A	40	3.5	250	Self-priming	250 x 230 x 210	9
AA00223	KYC-40A	35	7	400	Self-priming	325 x 255 x 240	17

Construction Tools



Tsurumi Electric Submersible Pump 2 HP
Model: LB 1500
Stock Code: AA00122

AA00122
 LB1500

Tsurumi 1/2" HPMannual Electric Submersible Pump
Model: HS 2-4S
Stock Code: AA00121



AA00121
 HS2-4S

Specifications

Stock Code	Discharge Bore (mm)	Model	Motor Output (kW)	Phase	Total Head (m)	Capacity (m ³ /min)	Starting Method	Dry Weight (kgS)	Length of Cable (m)	Dimensions (mm)						C.W.L	
										d	A	A1	B	B1	D		H
AA00121	50	HS2-4S	0.4	Single	12	0.2	C/S	11.3	5	50	241	207	158	84	184	328	90
AA00122	50	LB1500	1.5	Single	17.5	0.42	C/S	32	10	50	122	600	518	187		593	80
AA00120	50	MK2-22	2.2	Single	24	0.53	C/S	32	10	50	240	187	555	473	240	623	80

KTZ Series: For demanding condition, high abrasive waters



Tsurumi Dewatering Pump
Model: KTZ 45.5
Stock Code: AA00128

AA00128
 KTZ 45.5



Tsurumi Dewatering Pump
Model: KTZ 67.5
Stock Code: AA00130

AA00130
 KTZ67.5

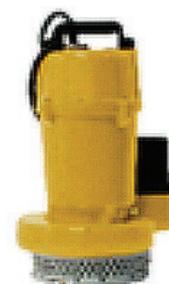
Stock Code	Model	Discharge Bore (in)	Motor Output (H.P)	Shipping Weight (lbs)	Cable Length (ft)	Diameter (in)	Height (in)
AA00126	KTZ35.5	3	7.5	145	50	12 1/16	25 11/16
AA00128	KTZ 45.5	4	7.5	145	50	12 1/16	25 11/16
AA00130	KTZ67.5	4/6	10	205	50	13	26
AA00132	KTZ611	4/6	15	286	50	14 11/16	28 11/16



Yamada VT-400 2" Submersible Pump
Stock Code: AA00133

AA00133
 VT-400

Yamada VT-800 3" Submersible Pump
Stock Code: AA00138



AA00138
 VT-800

Stock Code	Model	Electric Current		Outlet Discharge	Watt	Head	Flow (l/min)
		1 Phase	3 Phase				
AA00133	VT-400	220V 50 Hz	380V 50Hz	2"	400	13	320
AA00138	VT-800	220V 50 Hz	380V 50Hz	3"	750	16	380

Construction Tools

Diesel Driven Trash Pump



AA00149



AA00150



AA00151

Stock Code	AA00149	AA00150	AA00151
Model	KDP 20	KDP 30	KDP 40
Type	Diesel Pump	Diesel Pump	Diesel Pump
Suction & Discharge port (diameter (mm) (in))	50 (2")	80 (3")	100 (4")
Rated Capacity (m ³ /h)	22.0	30.0	40.0
Rated total head (m)	15	13	15
Self-priming time (s/4m)	80	120	180
Max. suction head (m)	8.0	8.0	8.0
Rotation speed (r/min)	3600	3600	3600
Noise Level [dB(A)/7m]	74.0	76.0	79.0
Overall dimension (mm) (LxWxH)	525 x410x515	570x445x550	650x480x600
Net Weight (kg)	38.5	49	62.5
Engine Model	KM170	KM178	KM186
Rated Power (kW)	2.8	4	6.3
Rated Speed (r/min)	3600	3600	3600
Fuel Consumption (g/kW.h)	288	285	281
Displacement (cm ³)	211	296	406
Starter System	Recoil Starter	Recoil Starter	Recoil Starter

Vertical, Multistage centrifugal pump CR45-3 3 x 400/690 50Hz

Vertical, multistage centrifugal pump with suction and discharge ports on same the level (in-line) enabling installation in a horizontal one-pipe system. The pump head and base are in cast iron-all other wetted parts are in stainless steel. A cartridge shaft seal ensures high reliability, safe handling and easy service and access. Power transmission is via a split coupling. Pipework connection is via DIN flanges. This pump is fitted with a 3-phase, fan-cooled asynchronous motor.



AA00141

Specifications:	
Liquid:	
Pumped Liquid:	Water
Liquid temperature range:	-30...120 ° C
Liquid temp:	20 ° C
Density:	998.2 kg/m ³
Technical:	
Speed for pump data:	2924rpm
Rated flow:	45 m ³ /h
Rated head:	59.4 m
Shaft seal:	HQQE
Approvals on nameplate:	CE, TR

Materials:	
Pump housing	Cast iron EN-JS1050 ASTM 80-55-06
Impeller:	Stainless Steel DIN W -Nr. 1.4301 AISI 304
Installation:	
Maximum ambient temperature:	60 ° C
Max pressure at stated temp:	16 bar / 120 ° C 16 bar / -30 ° C
Flange standard:	DIN
Pipe connection:	DN 80
Pressure stage:	PN 16/PN 25/PN 40
Flange size for motor:	FF300
Others:	
Minimum efficiency index. MEI ≥:	0.7
Net weight:	163 kg
Gross weight:	196 kg
Shipping volume:	0.31 m ³

Electrical data:	
Motor type:	160MB
IE Efficiency class:	IE 3
Number of poles:	2
Rated power-P2	11kW
Power (p2) required by pump:	11kW
Mains frequency:	50
Rated voltage:	3 x 380-415 d/660-690 Y V
Rated Current:	20,8-19,8/12,0-11,8 A
Starting current:	660-780 %
Cos phi- power factor:	0,88-0,84
Rated speed:	2940-2950 rpm
IE efficiency:	IE 3 91,2%
Motor efficiency at full load:	91,2-91,2%
Motor efficiency at 3/4 load:	91,8-91,8 %
Motor efficiency at 1/2 load:	91,3-91,2%
Enclosure class (IEC 34-5):	55 (Protect water jets/dust)
Insulation class (IEC 85)	F

Construction Tools

Metal Pump

M4 – 1-1/2" Metal Pump



AA00145

Specifications

Materials of Construction, Wetted Housings
(Water Chambers, Inlet/Discharge Manifolds)

Materials	Shp. wt.	Material	Shp. wt.
Aluminum	37lbs.	316 Stainless Steel	52lbs.
Hastelloy C	58lbs.	Cast Iron	56lbs.

Materials of Construction, Non-Wetted Housings

Description	Material
Centre Section	Polpropylene
Centre Block	Aluminium or Aluminium,Nickel-Plated
Air Chambers	Mild Steel or Mild Steel, Nickel-Plated
Air Valve	Brass or Brass, Teflon®-Coated or Brass, Nickel-Plated Stainless Steel

Suction Lift Capability

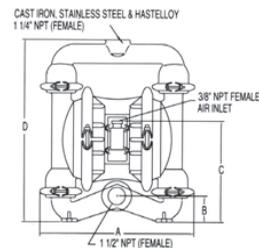
Dry Lift	Primed Lift
21' (6.4m)	25' (7.62m)

The above figures represent rubber-fitted pump capabilities.
Consult your distributor for TPE and/or Teflon®-fitted pump data.

Maximum Diameter Solids
3/16" (4.76mm) Diameter

Elastomer Options

Material	Temperature Limits	
Polyurethane	+10 (-12.2) to	+150 (65.6) F° (C°)
Neoprene	0 (-17.8) to	+200 (93.3) F° (C°)
Buna-N	+10 (-12.2) to	+180 (82.2) F° (C°)
Nordel	-60 (-51.1) to	+280 (137.8) F° (C°)
Viton	-40 (-40.0) to	+350 (176.7) F° (C°)
Saniflex™	-20 (-28.9) to	+220 (104.4) F° (C°)
Teflon®	+40 (-4.4) to	+220 (104.4) F° (C°)
Wil-Flex™	-40 (-40.0) to	+225 (107.2) F° (C°)



M8 – 2" Metal Pump



AA00146

Specifications

Materials of Construction, Wetted Housings
(Water Chambers, Inlet/Discharge Manifolds)

Materials	Shp. wt.	Material	Shp. wt.
Aluminum	67lbs.	316 Stainless Steel	102lbs.
Hastelloy C	112lbs.	Cast Iron	112lbs.

Materials of Construction, Non-Wetted Housings

Description	Material
Centre Block	Polpropylene Aluminium or Aluminium,Nickel-Plated or Stainless Steel or Aluminium, Teflon®-Coated
Air Valve	Brass or Brass, Teflon®-Coated Brass, Nickel-Plated or Stainless Steel

Suction Lift Capability

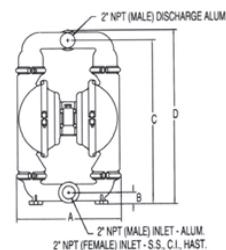
Dry Lift	Primed Lift
20' (6.1m)	25' (7.62m)

The above figures represent rubber-fitted pump capabilities.
Consult your distributor for TPE and/or Teflon®-fitted pump data.

Maximum Diameter Solids
1/4" (6.35mm) Diameter

Elastomer Options

Material	Temperature Limits	
Polyurethane	+10 (-12.2) to	+150 (65.6) F° (C°)
Neoprene	0 (-17.8) to	+200 (93.3) F° (C°)
Buna-N	+10 (-12.2) to	+180 (82.2) F° (C°)
Nordel	-60 (-51.1) to	+280 (137.8) F° (C°)
Viton	-40 (-40.0) to	+350 (176.7) F° (C°)
Saniflex™	-20 (-28.9) to	+220 (104.4) F° (C°)
Teflon®	+40 (4.4) to	+220 (104.4) F° (C°)
Wil-Flex™	-40 (-40.0) to	+225 (107.2) F° (C°)



T15 – 3" Metal Pump



AA00147

Specifications

Materials of Construction, Wetted Housings
(Water Chambers, Inlet/Discharge Manifolds)

Materials	Shp. wt.	Material	Shp. wt.
Aluminum	110lbs.	316 Stainless Steel	165lbs.
Hastelloy C	218lbs.	Cast Iron	181 lbs.

Materials of Construction, Non-Wetted Housings

Description	Material
Centre Block	Aluminium or Aluminium,Nickel-Plated or Stainless Steel or Polypropylene
Air Chambers	Aluminium or Aluminium,Nickel-Plated or Stainless Steel or Cast Iron
Air Valve	Brass or Brass, Nickel-Plated or Stainless Steel

Suction Lift Capability

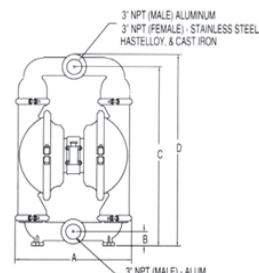
Dry Lift	Primed Lift
17' (5.18m)	25' (7.62m)

The above figures represent rubber-fitted pump capabilities.
Consult your distributor for TPE and/or Teflon®-fitted pump data.

Maximum Diameter Solids
3/8" (9.52mm) Diameter

Elastomer Options

Material	Temperature Limits	
Polyurethane	+10 (-12.2) to	+150 (65.6) F° (C°)
Neoprene	0 (-17.8) to	+200 (93.3) F° (C°)
Buna-N	+10 (-12.2) to	+180 (82.2) F° (C°)
Nordel	-60 (-51.1) to	+280 (137.8) F° (C°)
Viton	-40 (-40.0) to	+350 (176.7) F° (C°)
Saniflex™	-20 (-28.9) to	+220 (104.4) F° (C°)
Teflon®	+40 (4.4) to	+220 (104.4) F° (C°)
Wil-Flex™	-40 (-40.0) to	+225 (107.2) F° (C°)



Construction Tools

Airless Paint Spraying Unit

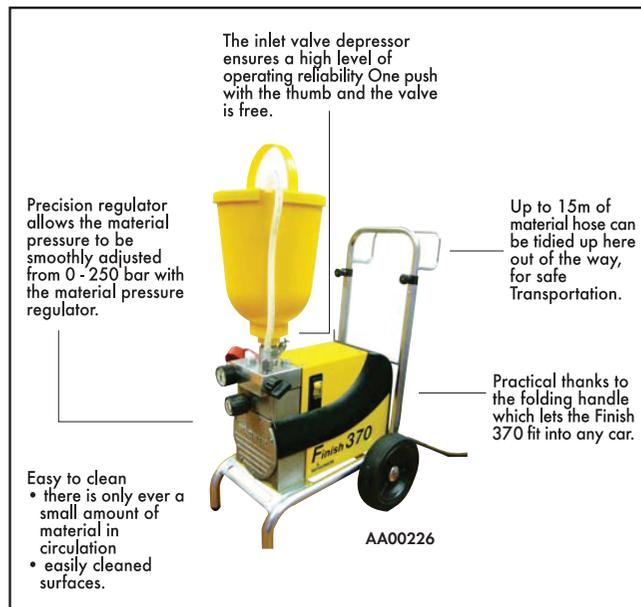
For Concrete Renovation, Injection and Airless Coating

- **Compact and manoeuvrable**
it can easily be transported to the next place of use in any car.
- **Low maintain**
its working life is considerably increased thanks to the robust diaphragm equipment. This saves money.
- **Reliable**
the technology of the F370 is ideally suited to the application of: epoxy and polyurethane (PU) materials for the renovation of concrete; insecticides, pesticides, anti-fouling materials for wood protection, emulsions and lacquers for all common surface coatings.
- **Equipment from Wagner**
and the same applies to the F370 as to all Wagner equipment: Quality and extensive back-up from Wagner.

Airless diaphragm technology for low pressure ranges

The airless paint spraying process, as the name suggests, atomises the paint without the use of air. The diaphragm pump delivers the sprayed medium to the nozzle where it is atomised at high pressure (up to 250 bar).

This technology with its excellent suction properties does not require a minimum pressure, like for instance a piston pump. The Finish 370 also works in low-pressure ranges around 10 bars, so it's just meant for concrete injection. The material pressure is smoothly adjustable.



Technology data finish 370

Motor rating	1.3kW
Voltage	230V/50Hz
Weight	26kg
Max. working pressure	250 bar
Delevy (120 bar)	2.3"/min
	Water 2.4"/min
Max. nozzle size	0.023"



Air Powered Blitzscreed

Use Same Standard Components As Mechanical Screed

AA00049

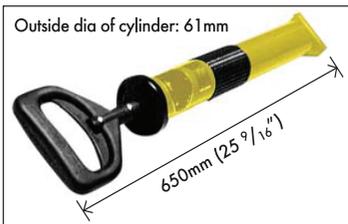
The air powered Blitzscreed offers the same fine features as our mechanical unit. It comes as a complete machine with handles and an air system that includes filter, regulator and lubricator. It features an air line that is protected from damage by running inside the length of the A-frame structure, and has flexible hose couplings between the air supply tubes.

Using an ordinary 85 to 150 CFM air compressor, you get cycle vibration ranging from 5000 to 8000 VPM at 40 to 60 PSI using about 4 CFM per vibrator. Unlike competitive machines, you can use the same standard components with our air and mechanical models.



Blitzscreed™ Specifications	Mechanical	Air
Section Length: 8ft 4in (254cm) 4ft 4in (132cm) 2ft 4in (71cm)	MVS8 MVS4 MVS2	AVS8 AVS4 AVS2
Engine: Briggs and Stratton - Model 130232 Honda Model GX 140QX Honda Model GX 240	5hp (3.7kW) 5hp (3.7kW) 8hp (6kW)	N/A N/A N/A
Truss: Height Width	16" (407mm) 15" (381mm)	16" (407mm) 15" (381mm)
Weight (approx., excluding engine/regulator kit) Centrifugal Force/Linear ft @ 3300 Engine RPM @ 3600 Engine RPM	8.3 lb (60kg/m) 24.3 lb (108N) 29 lb (129N)	8.9 lb (65kg/m) N/A N/A
Eccentric Shaft RPM (Variable, recommended running speed approximately 3300RPM)	2200 to 3600	N/A
Vibrations per Minute (Air Screed)	N/A	5000-8000
Screed Blades: Front (Strikeoff), 2" x 2" extruded aluminium, "T" profile Front (Strikeoff), 2" x 2" extruded aluminium, "L" profile Rear (Float), 2" x 2" extruded aluminium, "L" profile	Standard Optional Standard	Standard Optional Standard
Winches (2500lb capacity) Automatic Winches (Variable speed, mechanical geardrive)	Optional Optional	Optional N/A

Self-Charge Grouting Gun



Volume chargeable approx. 1 litre.
Net Weight: 875g
(Empty)

- * Handy-Remarkable High Efficiency.
- * No Power Required- Unbelievable down cost.
- * Perfect Pressure Grouting by two special piston packings.
- * Minimum falling loss of material.
- * Simple Mechanism
- * Quick turn Guide for easy cleaning.



Hand Injector Grout Pump



Model: T-SDA-27
Drive: Diaphragm manual operation
Speed Control: Stroke control Output (cc/stroke): 115-130
Max. Output Pressure (kgf/cm²): 3
Conveying Distance: Horizontal 5m or Vertical 5m
Hopper Capacity (litre): 10
Dimension (mm): 295W x 740L x 650H
Weight (kg): 27

Foot Injector Grout Pump



Model: TM-5
Drive: Foot plunger
Speed Control: Stroke control
Output (cc/stroke): 10
Max. Output Pressure (kgf/cm²): 25
Conveying Distance: Horizontal 3m or Vertical 3m
Hopper Capacity (litre): 3
Dimension (mm): 280W x 470L x 600H
Weight (kg): 7

New Type Foot Injector Grout Pump



Model: TM-50
Drive: Foot plunger
Speed Control: Stroke control
Output (cc/stroke): 10 - 50
Max. Output Pressure (kgf/cm²): 45
Conveying Distance: Horizontal 3m or Vertical 3m
Hopper Capacity (litre): 8
Dimension (mm): 410W x 500L x 700H
Weight (kg): 16.7

Mini Pump



Model: TS-002
Power: 0.2kW, 100V Single Phase
Speed Control: 50Hz, 27A/60Hz, 32.5A
Output (litre/min): 2.0 - 2.5
Max. Output Pressure: 1.4 Mpa (14kgf/cm²)
Conveying Distance: Horizontal 3m or Vertical 3m
Hopper Capacity (litre): 7
Pumping Tube: Dia. 17 1500 Three Rollers
Dimension (mm): 230W x 440L x 550H
Weight (kg): 28



Slurry Pump



Model: TS-SP
Power: 0.75kW, 100V Single Phase
Speed Control: Pulley
Output (litre/min): 13.7
Max. Output Pressure: 1.4 Mpa (14kgf/cm²)
Conveying Distance: Horizontal 20m or Vertical 10m
Hopper Capacity (litre): 35
Pumping Tube: Dia. 32 11100 Two Rollers
Dimension (mm): 530W x 1000L x 600H
Weight (kg): 75



SV5 Hand Operated Grout Pump

DESCRIPTION

The SV5 is a hand operated diaphragm grout pump of relatively light weight and simplicity of design to ensure trouble-free performance under varying site conditions. Maintenance is simple and takes little time.

SPECIFICATION

Max Pressure : 14 bar
 Max Output : 3 litre/min
 Dimensions : 78 x 19 x 33cm (without handle)
 Weight : 19kg

MATERIAL HANDLED

The SV5 is suitable for pumping all customary types of grout mixes containing abrasive materials including fine sand.

CONSTRUCTION FEATURES

Pump Body - Heavy duty steel. All stressed areas fully supported.
 Valve Assembly - One piece double chamber with seat and top having screw cut threads for easy removal. Ball valves made from high density chrome steel.
 Diaphragm - Specially prepared rubber with circular inner and outer steel reinforcement.
 Pressure Gauge - Bourden tube type fitted above an oil-filled chamber which isolates the gauge from the grout.
 Base - Pump is supported on steel skid chassis.
 Connections - Inlet 26mm OD. Outlet 20mm OD. Shut-off valve for pressure release is fitted as standard.



SV10 Hand Operated Grout Pump

DESCRIPTION

The SV10 is a hand operated diaphragm grout pump of relatively light weight and simplicity of design to ensure trouble-free performance under varying site conditions. Maintenance is simple and takes little time.

SPECIFICATION

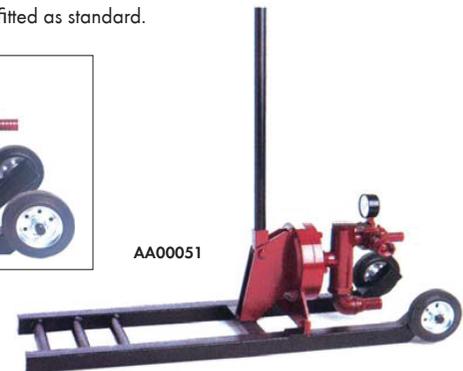
Max Pressure : 14 bar
 Max Output : 20 litre/min
 Dimensions : 120 x 50 x 50cm (without handle)
 Weight : 70kg

MATERIAL HANDLED

The SV 10 is suitable for pumping all customary types of grout mixes containing abrasive materials including sand.

CONSTRUCTION FEATURES

Pump body - Heavy duty steel. All stressed areas fully supported.
 Valve Assembly - One piece steel double chamber with seat and top having screw cut threads for easy removal. Ball valves made from high density chrome steel.
 Diaphragm - Specially prepared rubber with circular inner and outer steel reinforcement
 Pressure Gauge - Bourden tube type fitted above an oil-filled chamber which isolates the gauge from the grout.
 Base - Pump is supported on steel chassis with wheels to facilitate transportation.
 Connections - Inlet 38mm OD. Outlet 32mm OD. Shut-off valve for pressure release is fitted as standard.



Concrete Grinder

SPECIFICATIONS

STOCK CODE	AA00026
MODEL NO	KCG350E
Rated Out put (W/8P)	2200 / 3
Reted Current (A)	12.6
Voltage (V)	220
Frequency(Hz)	50
Grinding Speed (rpm)	260
Max. Grinding Width (mm /inch)	350 / 14
Dimension (L x W x H)	1140 x 570 x 1000
Weight (kg)	98

Features:

- Robust design with minimum maintenance
- Single Phase Motor ensures convenience in any job site.
- Wide range of accessories available for different applications and cost budgets.

Accessories (option):



Grinding Stone



Diamond Grinding Disc



Tungsten Chipping Plate



Diamond Grinding Plate



Diamond Button



Comes with Dust Guard and built-in vacuum holder



Surface Preparation Machine

Beam Cutting Head

Applications:

- Dressing of asphalt and concrete
- Anti-skid grooving (ramps, garages, farm yards etc.)
- Descaling steel decking
- Oil and glazes Thermo plastic road marking

Star Cutting Head

Applications: Cleaning/removal of

- Epoxy paint
- Oil & glazes
- Glue
- Thermo plastic road marking

Carbide Cutting Head Capacity

Applications:

- Texturing of asphalt and concrete

- For scarifying, milling, grooving, texturing, cleaning and more.
- Effective on concrete, asphalt, paint and other coatings, glue and steel.
- 200mm wide surface.
- Wide choice of cutters and brushes.
- Easy-to-operate controls.
- Adjustable handle height
- Locking depth controls with fine adjustment
- Automatically reverts to pre-set depth
- Quick-lift lever to rapidly engage/disengage cutter drum
- Optional edger allows working within 15mm of a side wall
- Vacuum fitting for optional dust extraction
- Replacement cutter, brushes available



AA 00028

STAR CUTTERS
 ø 60mm - thickness 2mm
 For all general cleaning purposes on concrete, removal of epoxy paint, oil, grease, glue, thermo-plastic road marking.

BEAM CUTTERS
 ø 60mm - thickness 5mm
 For dressing of concrete and asphalt surfaces, anti-skid grooving (ramps, garages, farm yards etc.), descaling of steel.

TCT CUTTERS
 ø 58mm - thickness 7mm
 High performance tool for use when modification of surface texture is desired on asphalt or concrete.

WIRE BRUSH
 ø 180mm - thickness 26mm - 0,50mm twisted wires. For removal of rust, descaling, cleaning shutters, steel polishing etc.

Motor

Manufacturer	Honda	Robin	-	-
Type	GX160GX	EY20DL/SH		
Power Output	5.5hp/4kW	5hp/3.7kW	4hp/3kW	3hp/2.2kW
Voltage			400V	230V
Cycles			50Hz	50Hz
Fuel	Petrol	Petrol	Electric	Electric
Fuel Capacity	3.6l	3.8l		
Oil Capacity	0.6l	0.6l		
Phase			3	1
Starter	Manual	Manual	Contact	Contact
Sound Pressure	89dB	86dB	80dB	81dB
Sound Power Lwa	101dB	100dB	95dB	95dB
Engine Speed	4000rpm	4000rpm	3000rpm	3000rpm
Net Weight	52kg	52kg	60.2kg	54kg
Gross Weight*	62kg	62kg	70.5kg	64kg
Item#	4F20403102	4F20403103	4F20403104	4F20403106
*with drum				

Floor Grinders (U.K.)

For grinding concrete floors, walls or ceilings to a smooth finish using Diamond or Abrasive heads.

Model	Power Unit				Operating Weight kg			
	Petrol	Diesel	Electric		Petrol	Diesel	Electric	
			1 PH	3 PH			1 PH	3 PH
EPRM	3.7kW 4hp	4.0kW 5.4hp	1.1kW 1.5hp	1.5kW 2hp	112	132	114	111



AA 00027
EPRM

Combi 600/1000 Stone, Marble and Brick Combi Saw

High Power. COMBI 350 is the marble, brick and stone saw. Complete, highly versatile, it is the ideal machine for both building sites and tile installers. In fact, Combi 350 allows two ways of working with cutting head moving forwards or with plunge cutting.



AA 00202
AA 00225

Combi 250 Stone, Marble and Brick Combi Saw

High Power. COMBI 250 is the portable tile, marble, brick and stone saw. Lightweight and compact, it is provided with a large cutting surface and a powerful 1.1 kW motor.



AA 00203

	blade/hole Ø	max cutting length h. 25mm	max cutting length h. 129mm	max cutting depth 90° (45°) mm	cutting table dimensions	machine weight (packed) kg	motor power 230V/50HZ 380V/50Hz kW	motor speed rpm	max blade speed rpm	running current A	water pump flow rate 13W l/min	water tray capacity Litre	noise level dB(A)	Ø length width height mm
COMBI 600	350/25.4	600	700	120(60)	790x525	105(135)	2.2/2.2	2830	1740	12	11	30	78	1200/1300/860
COMBI 1000	350/25.4	1000	1100	120(60)	1190x525	120(135)	2.2/2.2	2830	1740	12	11	300	78	1600/1300/860

blade Ø	blade hole Ø	max cutting length h. 10mm mm	max cutting length h. 40mm mm	max cutting depth 90° (45°) mm	cutting table dimensions	machine weight (packed) kg	motor power 230V/50HZ kW	motor blade speed rpm	running current A	water pump flow rate 13W l/min	water tray capacity Litre	noise level dB(A)	Ø length width height mm	Ø packing length / width height mm
250	25.4	635	600	60(30)	895x500	46(49)	1.1	2830	7.8	11	42	78	1200/1300/860	1050/460/635

Trowel



AA00054

MODEL	HEIGHT
F34/4	36" (915)
RING DIAMETER	27.5" (698)
36" (914)	27" (685)
ENGINE	26.5" (673)
5hp B&S	WEIGHT SHIPPING
7hp B&S	193 (87)
4.6hp B&S	WEIGHT OPERATING
5hp Honda	159 (72)
TROWEL	
70-135	

HS 404 The eco-friendly cleaner

The right machine for state-of-the-art, eco-friendly floor coverings, allowing both polishing and spray cleaning. With a speed of 400 r.p.m and weighing 40 kg, this product allows you to clean large floor areas quickly and efficiently. The maintenance-free planetary, ensuring that the product is easy to manoeuvre and operate even at high speed.



AA00221

Tamping Rammer

SPECIFICATIONS



AET 80
AA00056

MODEL	AET 80	AET 82
Weight	80	90
Overall Height (mm)	935	1140
Overall Width (mm)	420	410
Overall Length (mm)	710	750
Shoe Size L x W	330 x 300	330 x 300
Vibrator Frequency (vpm)	550 - 575	570 x 600
Vibrator Stroke (mm)	40 - 50	45 - 55
Impact Force (kgf)	900	1200
Engine	Robin EC 10B	Robin EC 10D
	Air-cooled, 2 Stroke	Air-cooled, 2 Stroke
Max Output (hp/rpm)	4.0/2000	4.0/4000
Fuel	Mixed Gasoline	Mixed Gasoline
Starting System	Recoil	Recoil



AA00234

Concrete Cutter



AET 16
AA00235

Type	AET 16	AET 18
Max. Capacity Depth	145mm	170mm
Blade Size	355/406(mm)	457mm
Arbor Size	27mm	27mm
Blade Rotation	2700-3100rpm	2800-3100rpm
Power	8-10HP	10-13HP
	Gasoline Engine	Gasoline Engine
Weight	125kg	139kg



AET 18
AA00236

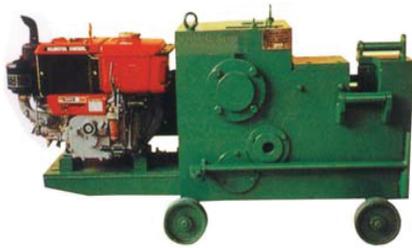
Vibratory Plate Compactor

Model	Weight kg (lb)	Compaction Plate Size (L x W)mm	Working Speed m/h	Vibration Frequency vpm	Centrifugal Force kgf (lbf)	Engine Model	Engine Type	Max. Output ps/rpm	Power	
									5HP	4 Stroke
VP1035R	80 (176)	500 x 420	1400~1500	6100	1550	EY20D	Robin Air-Cooled 4-cycle	5.0/4,000	5HP	4 Stroke
EPT140	110 (242)	555 x 532	900 ~ 1200	6100	2080 (4576)	DY30D	Robin Air-Cooled 4-cycle	5.0/3,000	5HP	Gasoline



AA00194

Diesel Drive Bar Cutter



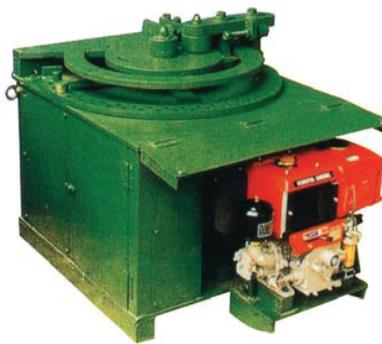
AET32
AA00038



AET42
AA00039

Model No.	AET32	AET42
Max. Bar Diameter	32mm Ø	42mm Ø
Diesel Engine	5HP	6HP
Diameter	Length	1480
	Width	875
	Height	775
Weight	750	850

Heavy Duty Bar Bender



AET 322
AA00237



AET 422
AA00238

Model No.	AET 322	AET 422
Max. Bar Diameter	32mm Ø	42mm Ø
Diesel Engine	6HP	8.5-10HP
Diameter	Length	1320
	Width	1030
	Height	875
Weight	860	970

Bar Dia (m/m)	16	19	22	25	28	32	42	-
Dia of Fulcrum Roller (m/m)	64	74	86	97	109	125	-	6ps
Dia of Fulcrum Roller (m/m)	-	75	88	-	108	128	148	5ps

Submersible Pump c/w Shaft

Model No	Discharge Diameter (mm)	Maximum Lift (m)	Maximum Capacity (~min)	Standard of Flexible Shaft (m)	Weight (kg)			Prime Mover	Revolution (r.p.m)
					Pump	Flexible	Total		
HSP-80	76	17	1,200	6	5.5	17.0	22.5	5pcs 4-cycle Air-cooled Gasoline Engine	3,000~5,000



AA00060

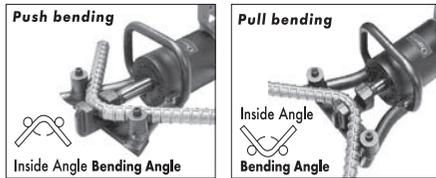
AET

ALLINTON ENGINEERING & TRADING PTE LTD

331 Jalan Besar Singapore 208983

T65 6296 0679 W allinton.com.sg E sales@allinton.com.sg

Portable Rebar Bender HBB Series



HBB-32		
	Push/Pull Bending Angle	
	w/t Roller	w/o Roller
Ø13	90°	
Ø16	85°	
Ø19	80°	
Ø22	75°	
Ø25		90°
Ø29		90°
Ø32		85°
Model	Description	
HBB-32	OGURA ReBar Bender/Straightener max. 32mm. Dia. @ 55kg/mm ² , speed 13sec, High strength grade up to 29mm Dia., @ 65kg/mm ² , bending angle 90 Degrees 940W, 230V, 50Hz, 19kg, hand held type	

HBB-32	HBB-32
Bending Capacity (Diameter)	
Intermediate Grade 45kg/mm ² 70,000 PSI	Up to 32mm
Hard Grade 55kg/mm ² 80,000 PSI	Up to 29mm
High Strength Grade 65kg/mm ² 90,000 PSI	Up to 29mm
Bending Angle (Degree)	0-90
Bending Speed (Second)	90 Degrees 32mm-13 13mm-6
Motor	700W Single-phase, AC. 115/230V, 50/60Hz
Dimensions (L x W x H)	590 x 290 x 210
Weight	19kg

Electro-Hydraulic Rebar Cutter

Each HBC-series cutter houses a powerful miniature hydraulic pump and electric motor. The units are easy to hold and simple to operate.

Features:

- Single-phase, universal motor
- Compact and lightweight for easy portability
- Unique built-in hydraulic pump
- Extremely simple to operate
- Durable cutting blades made of best material and heat treated



Stock Code	AA00031	AA00033	AA00034
Model No	HBC-316	HBC-232	HBC-225
Motor	Single-Phase, 110-115V/220-230V, 50/60Hz, 580W DOUBLE INSULATION	Single-Phase, 110-115V/220-230V, 50/60Hz, 1430W DOUBLE INSULATION	Single-Phase, 110-115V/220-230V, 50/60Hz, 1430W DOUBLE INSULATION
Cutting Speed	2.5 seconds	7.0 seconds	3.5 seconds
Max. Cutting Capacity	490N/mm ² (50kgf/mm ²) Max.D16 620N/mm ² (63kgf/mm ²) Max. D13 Please use "SP blade" for longer cutting life	490N/mm ² (50kgf/mm ²) Max.D32 560N/mm ² (57kgf/mm ²) Max. D32 620N/mm ² (63kgf/mm ²) Max. D32 Please use "SP blade" for longer cutting life	490N/mm ² (50kgf/mm ²) Max.D25 560N/mm ² (57kgf/mm ²) Max. D25 620N/mm ² (63kgf/mm ²) Max. D25 Please use "SP blade" for longer cutting life
Weight	5.8kg	37.6kg	22.0kg
Dimensions	378mm (L)×205mm (W)×108mm (H)	543mm (L)×167.5mm (W)×289mm (H)	480mm (L)×138mm (W)×270mm (H)
Standard Accessories	Plastic carrying case Hydraulic oil #46 Hex wrenches (3•4•5mm) Spanner(14×17mm)	Carrying case Hydraulic oil #32 Hex wrenches (4•5•6•8•10mm) Spanner(17•30mm)	Carrying case Hydraulic oil #32 Hex wrenches (4•5•6•8mm) Spanner(14×17mm & 24mm)

Electro-hydraulic Rebar Punchers

AA00035	AA00036
HPC-8620	HPC-1322
Single-Phase, 110/230 V, 50/60Hz, 1050W DOUBLE INSULATION	Single-Phase, 110-115V/220-230V, 50/60Hz, 1300W
Mild Steel : 20 x 16mm Stainless : 20 x 14 or 14 x 15	Mild Steel : (65,000 psi): 22/t13, 24/t12 Stainless steel (89,000 psi): 22/t19, 24/t6
17.0kg	34.5kg
550mm (L) x 140mm (W) x304mm (H)	501 mm (L) x 61 mm(W) x 446mm (H)
11 mm punch & 11 mm Type-B die Carry case & removable handle Adjustment tools Hydraulic oil Work stand 8 mm and 10mm spanners Hex wrench 3,4,5,6 and 8 mm Nut Retaining bar	Punch : 22mm, 18mm Die C:22mm, 18mm Die D:22mm x 18mm Hydraulic oil #32, Work stand, Food switch, Grip, Hex wrenches (3,4,5,6,8,10mm, Tommy bar

Concrete Mixer



AA00094

Standard Features

- Full compliance with most world safety norms and directives (for exact details contact the factory).
- Suitable for concrete and mortar mixing.
- Totally enclosed gearbox and drive mechanism for complete safety.
- Easy to assemble in minutes, boxed concept improves storage and customer delivery.
- Quickly mounts onto its stand – a one man operation.
- Transports easily in the back of most family cars.
- Heavy duty rotational (360°). 3 piece tubular steel stand can be conveniently stored away when not in use.
- Very robust high quality design capable of withstanding continuous rental duty.
- Removable drum unscrews for quick replacement.
- Available powered by electric motor or petrol engine.

Performance Data

Electric Motor**	240 volt 630W single phase (370W out)
Gearbox	Heavy duty precision worm drive running on ball races immersed in oil, housed in a pressure die cast aluminium casing
Drum	Pressed Steel
Gross drum volume	136 litres (4.8 cu. ft)
Mixed Batch Output	120/90 litres (4/3 cu. ft)
Production Batch Rate	1.08m ³ /hr (38ft ³ /hr)

** Electric details are for 50Hz operation, consult factory for 60Hz details.

Electric Motor Version	Petrol Engine Version	Rotational Stand
Length 0.915m	Length 0.915m	Weight 16.0kg
Wide 0.600m	Wide 0.600m	
Height 0.725m	Height 0.960m	
Weight 78.5kg	Weight 82.5kg	



Petrol
AA00092
Electric
AA00093

General Information

The VANSON MIXER is easy to remove when taking up and down from the truck. It can be loaded and discharged on both sides of the mixer. This model is the result of Vigorous research and years of experience in this particular field of engineering. It is designed to give maximum efficiency with low running costs. • Capacity of 5 x 3.5cu ft (140 x 100 Litres) VANSON MIXER of similar design is also available.

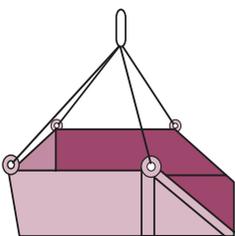
Manual Fed Concrete Mixer



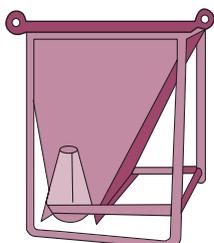
AET 7T AA00239

Model No.	AET 71
Mixing Drum	Cast iron with mild steel pot and blades
Capacity Unmixed	10cu. ft. or 300 Litres
Mixed	7cu. ft. or 210 Litres

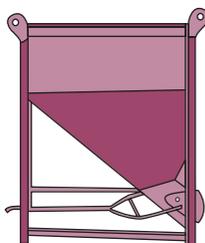
Concrete Bucket



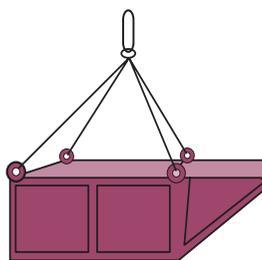
A1
AA00105



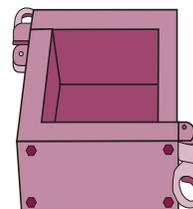
A2
AA00097



A4
AA00101



A5
AA00107



Cube Mould
AA00195

Stock Code	Description	Item/CU 3	Overall Size O.D.
AA00095		0.5	34" x 34" x 48"
AA00096	A2	0.75	40" x 40" x 50"
AA00097	Centre Discharge	1.0	42" x 42" x 56"
AA00098		1.5	48" x 48" x 56"
AA00104	A1	0.75	36" x 22" x 60"
AA00105	Sand Bucket	1.0	48" x 24" x 63"
AA00106		1.5	52" x 25" x 84"
AA00107	A5	1.0	40" x 25" x 71"
AA00108	Mud Bucket	1.5	52" x 25" x 84"
AA00099		0.5	33" x 33" x 49"
AA00100		0.75	39" x 48" x 45"
AA00101	A4	1.0	48" x 48" x 55"
AA00102	Side Discharge	1.5	51" x 53" x 59"
AA00103		2.0	60" x 60" x 63"
Note: All 5/8" x 1.5m sling c/w shackle, except SB 0.75 & 1.5 cubic concrete discharge 1/2" Dia. x 1.2m sling c/w shackle.			
AA00109	Hopper Ø 600mm x 700mm with 200mm outlet	H 0.6	Ø600mm x 700mm with 200mm outlet
AA00110	Concrete trunk 1.0m Lg	T 1.0	Ø250mm x Ø200mm x 1.0m
AA00195	Cube Mould		100 x 100
AA00196			150 x 150



Concrete Chute
AA00110



Hopper
AA00109

AET

Construction Tools

Air Vibrator c/w 2 Mtr Hose

Range VP Optionals

- Vibrators from 32 to 55mm ϕ available also with rigid rod and/or with spatulapop
- Line lubricating device
- Vibrator rubber hose longer than 2m standard can also be supplied



MODEL NO		VP-32	VP-44	VP-55	VP-75
Stock Code	Unit	AA00085	AA00086	AA00087	AA00088
Needle ϕ	mm	30	40	50	80
Needle Length	mm	250	280	320	375
N Vibrations	1'	14.000	13.000	12.500	12.000
Amplitude	mm	0,8	1,2	1,56	2
Compacting Power	cum/h	8	15	23	28
Action ϕ	cm	50	60	70	90
Centrifugal Force	Kg	75	225	400	700
Schleuderkraft - Intensite de vibration	KN	0,75	2,25	4	7
Operating Pressure	Atm-Atu	6	6	6	6
Air Consumption	lt/1' max	400	500	600	1600
Tube - Rubber Hose	m	2	2	2	2
Total Weight	Kg	4	5	6	13

EXEN (JAPAN)

Handy held vibrator(External EK)



Model	Output (W)	Input (V)	Input (A)	Frequency (Hz)	Total Height (mm)	Head(dia. X length) (mm)	Weight (kg)
EKCA W/ Holder	280	100	5	160-200	404	Vibrating face 76 X 113	4.7
					407	Vibrating face 120 X 150	5.8
EKD W/ Holder	280	100	5	140-180	424	Vibrating face 110 X 150	5.9
					427	Vibrating face 200 X 200	7.6

Electric Vibrator

Vibrator with Rigid rod and electric motor, single-phase

- Input 220-230V -50-60 Hz
- Double insulation
- IP 23
- Needle with rod length 865mm
- Needle ϕ 22mm (also VR 25 E version with 23 ϕ x 556mm)
- Cordset with plug ca 4m
- Motor and needle total weight 4.9kg



Single Phase Models

Square Head Flexible Shaft Vibrator c/w Motor



Stock Code	Size
AA00079	35mm x 4 m
AA00080	35mm x 6 m
AA00081	45mm x 4 m
AA00082	45mm x 6 m
AA00083	50mm x 4 m
AA00084	50mm x 6 m

Motor & Head Assembly

Portable Electric Models



Construction Tools

Concrete Vibrators

AA00061



Stock Code	Type	Vibrator Head Dia x Length mm	Frequency (v.p.m.)	Revolutions of Shaft (rpm)	Vibration Amplitude (mm)	Flexible Shaft Length (m)	Approx. Weight (kg)
AA00061	28	28 x 460	9800~12,500	3,000	1.1	6	18
AA00062	32	32 x 470			1.4	6	18
AA00063	38	38 x 490			1.6	6	19
AA00064	45	45 x 500			2.0	6	20
AA00065	60	60 x 500			2.4	6	21

Robin Gasoline Engine

AA00059



Model	EY20D-3
Type	Single Cylinder Horizontal P.T.O. Shaft
Bore x Stroke (mm)	67 x 52
Piston Displacement (cm ³)	183
Maximum Output (HP/rpm)	5.0/4000
Continuous Output (HP/rpm)	3.5/3600
Maximum Torque (kg.m/rpm)	0.95/2800
P.T.O. Shaft Rotation	Counter-Clockwise Facing P.T.O. Shaft
Fuel	Gasoline
Fuel Tank Capacity (L)	3.8
Lubricating Oil Capacity (L)	0.6
Ignition System	Pointless Electronic Ignition
Starting System	Recoil Starter
Dry Weight (kg)	15
Dimensions L x W x H (mm)	319 x 317 x 392

Vibrator

High Frequency Vibrator c/w 5m & 10m Hose



AA00071



AA00072

Type	Unit	VAF36 VAF36T	VAF48 VAF48T	VAF50 VAF50T	VAF58 VAF58T	VAF60 VAF60T	VAF70 VAF70T	VAF80 VAF80T	VAF80 VAF80T
Stock Code		AA00071	AA00072	AA00069	AA00073	AA00070	AA00074	AA00075	AA00076
Needle Ø	mm	36	48	50	58	60	70	80	100
Needle Length	mm	350	360	360	365	365	410	440	510
N vibrations	1'	12,000	12,000	12,000	12,000	12,000	12,000	12,000	6,000
Amplitude	mm	1,2	1,6	1,6	1,8	1,8	2	2,1	3
Compacting Power	cum/h	6 ÷ 8	9 ÷ 12	9 ÷ 12	20 ÷ 25	20 ÷ 25	30 ÷ 35	40 ÷ 45	65 ÷ 70
Action Ø	cm	60	70	70	90	90	100	150	180
Centrifugal force	Kg	95	280	280	450	450	620	850	1,200
Schleuderkraft - Intensite de vibration	KN	0,95	2,8	2,8	4,5	4,5	6,2	8,5	12
Input	v	42	42	42	42	42	42	42	42
Absorption	A	6	8	8	12	12	18	28	35
Rubber hose	m	5	5	5	5	5	5	5	5
Feed cable	m	10	10	10	10	10	10	10	10
Total Weight	Kg	8	12	12	15	15	18	20,5	28

OPTIONALS

THERMIC PROTECTION

The thermic protection of the VAF T model provides the automatic disconnection of the vibrator when the needle rises over approx. 120° c max temperature with partial immersion in concrete, avoiding a burnt stator. To restore the activity, you only need to plunge the vibrating needle into cold water for a few minutes. The system operates also when one or more phases are damaged.

MERCURY SWITCH

The mercury switch is arranged inside the operating pipe, 50 cm from the needle; holding this part sloped by approx. 15÷20 degrees, you'll start the needle and holding the part of the pipe-switch horizontally, the needle stops.

VULCANIZED TAP

Recommended for casting in wooden panels, to prevent damaged panels. Available for VAF and VAF T needles, for 58mm max diameter.

BY REQUEST, ALSO 250 V VIBRATORS FOR USE WITH CONVERTERS/GENERATORS AT 250 V OUTLET AVAILABLE.

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Construction Tools

PULSFOG K-10SP Thermal Fogging Machine



AA00042

Chemical

1 litre (Concentrate) AA00043

10 litre (Pre-mixed) AA00044

Empty weight	7 kg
Size (length x breadth x height)	106 x 29 x 33 cm
Capacity of solution tank	5 litres
Capacity of fuel tank	2 litres
Cubic capacity of engine	300 cm ³
Max. performance of engine	17,5 kW (24,1 hp, 15.300 kcal/h)
Max. fuel consumption	1,9 l/h
Automatic ignition	Electronic ignition coil fed by 4 x dry batteries = 6V
Starting device	Manual start
Flow rate	10 - 35 l/h (according to nozzle size used)
Standard flow rate	12 l/h
Droplet size spectrum (depending on oil viscosity and nozzle size used)	< 25 µm (oil) < 60 µm (oil/water) < 150 µm (water)

FOGGING TECHNIQUE AND APPLICATION

Thermal fogging is the generation of ultra-fine droplets in a range of 1-50 µm using thermo-pneumatic energy. Liquid substances are vaporized in the unit and form ultra-fine aerosols by condensing on contact with cool ambient air. Thermal fogging is used for any pest control task where active substances should be uniformly distributed even in inaccessible places, without leaving undesirable residues. The fogging technique is the solution for treating large areas and spaces with a minimum quantity of pesticide solution, less operational work and with little harm to the environment (less residues, no penetration into the ground), e.g. in the field of public health, stock protection, plant protection, disinfection, decontamination, deodorization and cinema effects. The K-10-SP is registered at WHO (World Health Organization).

BURGESS 1443 Propane Fogger

Special Product Features:

- Unbreakable 1.2 L Chemical resistant container
- Easy to maintain and clean
- Safety trigger lock prevent accidental insecticide dispersion
- Reliable and safe, premium quality heating coil covered with 1 year limited warranty subject to manufacturer's defect
- Extremely light-weight at 1.1 kg (dry weight) and highly maneuverable
- Dimensions (Unit only): (360 x 155 x 170)mm
- Uses 358g standard butane gas - each cylinder will provide 2 hours of continuous use
- Application duration of chemical (full tank) at 30-45 minutes of continuous use



AA00304



Fogmaster Jr6208

Small and highly maneuverable used for air-refreshing in hotel rooms, odor removal in cars, applying coil cleaners to air-conditioning systems, etc. It's also a great utility fogger for home and garden applications.



AA00300

MOTOR	1 Hp, 50/60 Hz 620810: 120VAC, 7 amp 620820: 220-240VAC, 3.5 amp
FOGGING NOZZLE	Three counter-rotating vortex nozzles
PARTICLE SIZE	1.5-30 micron VMD, adjustable
CHEMICALS	Handles both oil- and water-based chemical solutions (Liquid viscosity and density affect particle size distribution)
LIQUID FLOW RATE	0.9 oz/min [0.270 ml/min], adjustable with 1-turn valve
TANK CAPACITY	1 gallon [4 liters]
MATERIALS OF CONSTRUCTION	Power head housing and tank - aluminum Tubing - fuel and oil resistant vinyl Fittings and control valve - brass Nozzle - Celcon® acetyl copolymer
REGULATORY COMPLIANCE	UL, CSA, CE, PSE
DIMENSIONS	H x L x Dia: 15.4 x 12.5 x 8.6 in 39 x 32 x 22 cm
SHIPPING WEIGHT	12 pounds
WARRANTY	Five years

Handheld Blowers HB2302



AA00302

Specifications

Displacement	22.5ml(cm ³)
Power	0.90kW(1.2Hp)
Fuel Tank Capacity	520mL
Air Volume	10m ³ /min
Max Air Velocity	67m/sec
Dry Weight	3.7kg
Fuel tank	0.75lit
Air Filter	Dry polyurethane foam
Standard pipe	ø66

Backpack Blower EBZ5100



AA00301

Specifications

Displacement	50.2ml(cm ³)
Power	1.6kW(2.2Hp)
Fuel Tank Capacity	2.1L
Air Volume	13.8m ³ /min
Max Air Velocity	76.3m/sec
Dry Weight	9.4kg
Fuel tank	2.1 lit
Air Filter	Half-wet single stage filter
Standard pipe	ø66
Strato-charged engine	•

* Without tube

Construction Tools

Grass Cutter Machine c/w Nylon Head



AA 00204

Power Cutter TT163/14"

Power/Displacement	4.1HP/3.0kW/63.3cm ³
Cutting disc diameter	300mm
Max. cutting depth	120mm
Weight	10.4kg



AA 00205

Power Cutter TT183/16"

Power/Displacement	5HP-3.7kW/80.7cm ³
Cutting disc diameter	350mm
Max. cutting depth	150mm
Weight	13.6kg



AA 00206

Electric Chain Saws 132S/12"

Power/Displacement	1.6HP-1.2kW/30.1cm ³
Bar Length	30-35cm/12"-14"
Chain (pitch x gauge)	3/8" x 0.050"
Oil pump	Automatic
Oil/fuel tank capacity	0.13L/0.23L
Weight	3.4kg



AA00297

Universal Chain Saws MT3700/16"

Power/Displacement	2.2HP-1.6kW/35.2cm ³
Bar Length	35-41cm/14"-16"
Chain (pitch x gauge)	3/8" x 0.050" Special
Oil pump	Automatic
Oil tank capacity	0.22L/0.32L
Weight	4.1kg



AA00045

Chain Saws MT440/18"

Power/Displacement	2.9HP-2.1kW/42.9cm ³
Bar Length	41-46cm/16"-18"
Chain (pitch x gauge)	0.325" x 0.058"
Oil pump	Automatic/Adjustable
Oil tank capacity	0.26L/0.32L
Weight	4.3kg



AA00046

Chain Saws 150/20"

Power/Displacement	3.4HP-2.5kW/51.7cm ³
Bar Length	41-46-51cm/16"-18"-20"
Chain (pitch x gauge)	0.325" x 0.058"
Oil pump	Automatic/Adjustable
Oil tank capacity	0.27L/0.50L
Weight	5.0kg



AA00047

"Heavy Duty" Professional Chain Saws 165HD/24"

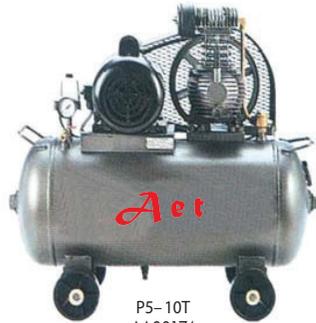
Power/Displacement	4.7HP-3.5kW/63.4cm ³
Bar Length	46-51-61-71-76cm/18"-20"-24"-28"-30"
Chain (pitch x gauge)	3/8" x 0.058"
Oil pump	Automatic/Adjustable
Oil tank capacity	0.45L/0.80L
Weight	6.3kg



AA00048

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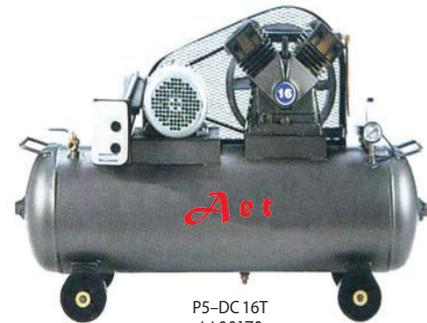
Reciprocating Air Compressors



P5-10T
AA00174
AA00219
AA00220



P5-DC 12S
AA00175
AA00176



P5-DC 16T
AA00178



P5-DC 16E
AA00177



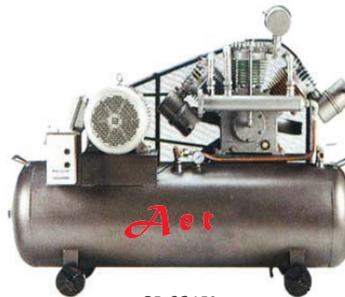
P5-SC50
AA00179
AA00180



P5-TC600
AA00187



P5-SC 100
AA00181
AA00182



P5-SC 150
AA00183
AA00184



P5-TC1000
AA00188
AA00189



P5-TC 500
AA00185
AA00186

MODEL	Stock Code	kW	Hp	Ph	Displacement		Working Pressure		Tank Capacity (l)
					L/M	CFM	PSI	Bar	
P5-DC 12S	AA00175	2.2	3	1	350	12.36	115	8	100
P5-DC 12T	AA00176	1.5	2	3	279	9.85	115	8	30
P5-DC 16S	AA00177	1.5	2	1	266	9.39	115	8	50
P5-DC 16T	AA00178	1.5	2	3	266	9.39	115	8	100
P5-SC 50	AA00179	2.2	3	3	406	14.33	115	8	100
P5-SC 50E	AA00180	4	5.5	3	543	19.16	115	8	180
P5-SC 75	AA00181	5.5	7.5	3	787	27.8	115	8	250
P5-SC 100	AA00182	5.5	7.5	3	918	32.41	115	8	300
P5-SC 150	AA00183	7.5	10	3	1402	49.5	115	8	400
P5-200T	AA00184	11	15	3	1941	68.52	115	8	400
P5-TC 500	AA00185	7.5	10	3	935	33	145	10	400
P5-TC 500E	AA00186	11	15	3	1493	52.71	145	10	400
P5-TC 600V	AA00187	15	20	3	1631	57.27	145	10	400
P5-TC 1000	AA00188	7.5	10	3	1102	38.9	175	12	300
P5-TC 1500	AA00189	22.5	30	3	3018	106.5	175	12	450
P1-1.5T	AA00219	4	5.5	1	559	19.73	175	12	227
P2-2.0T	AA00220	5.7	7.5	1	520	18.36	200	14	227
P5-10T	AA00174	1.5	2	1	151	5.33	115	8	50

Due to continuing development, specifications are subject to change without prior notice.



KDE 2200X **AA00162**
 KDE 3500E **AA00163**
 KDE 6500E **AA00164**



KDE 6500T **AA00165**



KGE 2500X **AA00166**

Stock Code	AA00162		AA00163		AA00164		AA00165		AA00166
Model	KDE 2200X		KDE 3500E		KDE 6500 E		KDE 6500T		KGE 2500X
Rated Frequency (Hz)	50	60	50	60	50	60	50	60	50
Rated Voltage (v)	115/230	120/240	115/230	120/240	115 / 230	120/240	115/230	120/240	240
Rated output power (kVA)	1.72.0		2.83.3		4.55.0		4.55.0		2.0
Max output power (kVA)	2.2.2		3.23.8		5.05.5		5.05.5		2.2
Power factor cos	1.0		1.0		1.0		1.0		
Phase number	SINGLE PHASE		SINGLE PHASE		SINGLE PHASE		SINGLE PHASE		SINGLE PHASE
Pole Number	2		2		2		2		
Excitation mode	Self-excitation & constant voltage (AVR)		Self-Excitation (AVR)						
Overall dimension L x W x H (mm)	640x480x530		655x480x530		720x492x655		910x530x740		590x430x430
Dry Weight (Kg)	53		70		100		158		43
Working assorting weight (kg)	66		83		115		174		
Structure type	OPEN FRAME		OPEN FRAME		OPEN FRAME		Silent		
Engine Model	KM170FG		KM178FG		KM186FAG		KM186FAGET		KG200
Cylinder No -bore x stroke (mm)	1-70x55		1-78x62		1-86x72		1-86x72		68 X 54
Engine Type	Single Cylinder, Vertical, four-stoke, direct injection, air -cooled		Single Cylinder, Vertical, four-stoke, direct injection, air -cooled		Single Cylinder, Vertical, four-stoke, direct injection, air -cooled		Single Cylinder, Vertical, four-stoke, direct injection, air -cooled		
Lubrication System	Pressure splashed		Pressure splashed		Pressure splashed		Pressure splashed		
Starting system	Recoil starter		Electrical starter		Recoil starter		Electrical starter		Electrical Starter
Battery capacity (V-Ah)	12V 3A		12V 3A		12V 3A		12V 36Ah		
NOISE LEVEL 7M dB (A)	77		77		77		72		66
Displacement (ml)	211		296		418		418		392
Compression ratio	20.1		2:24		2:24		19:01		
Rated Power (kW)(r/ min)	2.5/3000 2.8/3600		3.68/3000 4.0/3600		5.7/3000 6.3/3600		5.7/3000 6.3/3600		5.5
Rated Rotation Speed (rpm)	3000 3600		3000 3600		3000 3600		3000 3600		
Starting motor capacity (v-kw)	12V 0.8kW		12V 0.8kW		12V 0.8kW		12V 0.8 kW		
Fuel type (Diesel oil)	diesel		diesel		diesel		diesel		Gasoline
Fuel tank capacity (L)	13.5		13.5		13.5		15		25
Lube oil Brand	CD grade or SAE 10W-30 15w-40								
Continuous running time (hr)	14		8.5		5.5		6		21.5v