

REBAR BENDERS

Electro-Hydraulic Rebar Benders



ALF 0001

HBB-25

Specifications

Code	ALF 0001	
Model	HBB-25	
Motor	110-115V/220-230V 50/60Hz Single-Phase AC 700W	
Weight	14.0 kg	
Dimensions	481 (L) x 190 (H) x 207 (W) mm	
Bending Capacity	Tensile Strength	Max. Dia.
	490N / mm ² (50 kg / mm ²) 70,000 P.S.I.	25 mm
	560N / mm ² (57 kg / mm ²) 80,000 P.S.I.	22 mm
	620N / mm ² (63 kg / mm ²) 90,000 P.S.I.	22 mm
Bending Angle	From 0 degree to 90 degrees	
Bending Speed	8 seconds for 25 mm rebar (90 degrees) 5 seconds for 13 mm rebar (90 degrees)	
Standard Accessories	Wooden Box, Hydraulic oil #46, Hex wrenches (3-4-5-6), Spanner (14-17)	



ALF 0002

HBB-32

Specifications

Code	ALF 0002	
Model	HBB-32	
Motor	110-115V/220-230V 50/60Hz Single-Phase AC 700W	
Weight	19.0 kg	
Dimensions	590 (L) x 290 (H) x 210 (W) mm	
Bending Capacity	Tensile Strength	Max. Dia.
	490N / mm ² (50 kg / mm ²) 70,000 P.S.I.	32 mm
	560N / mm ² (57 kg / mm ²) 80,000 P.S.I.	29 mm
	620N / mm ² (63 kg / mm ²) 90,000 P.S.I.	29 mm
Bending Angle	From 0 degree to 90 degrees	
Bending Speed	13 seconds for 32 mm rebar (90 degrees) 6 seconds for 13 mm rebar (90 degrees)	
Standard Accessories	Wooden Box, Hydraulic oil #46, Hex wrenches (3-4-5-6-8), Spanner (14-17-24)	



ALF 0003

HBB-32HPW

Specifications

Code	ALF 0003	
Model	HBB-32HPW	
Motor	110-115V/220-230V 50/60Hz Single-Phase AC 1300W	
Weight	25.5 kg	
Dimensions	670 (L) x 302 (H) x 219 (W) mm	
Bending Capacity	Tensile Strength	Max. Dia.
	620N / mm ² (63 kg / mm ²) 90,000 P.S.I.	up to 32 mm
Bending Angle	From 0 degree to 90 degrees	
Bending Speed	15 seconds for 32 mm rebar (90 degrees) 11 seconds for 13 mm rebar (90 degrees)	
Standard Accessories	Wooden Box, Hydraulic oil #46, Hex wrenches (3-4-5-6-8), Spanner (14-17-24)	

REBAR CUTTERS

Electro-Hydraulic Rebar Cutters



ALF 0004

HBC-313

Double Insulation Model

Specifications

Code	ALF 0004
Model	HBC-313
Cutting Capacity (Dia. mm)	Rebar 3-13
Intermediate Grade	45kg/mm ² 70,000PSI
Hard Grade 55kg/mm ²	3-13
80,000PSI	
Hard Strength Grade	3-10
65kg/mm ² 90,000PSI	
Cutting Speed (Sec.)	1.5
Cutting Pressure (Ton)	6
Motor (Single-phase)	580W
	115/230V 50/60Hz
Weight (Ton)	5.3kg
Dimensions	362 (L) x 205(W) x 106.5(H)mm
Standard Accessories	Plastic Carrying Case, Wrenches



ALF 0005

HBC-316

Double Insulation Model

Specifications

Code	ALF 0005
Model	HBC-316
Cutting Capacity (Dia. mm)	Rebar 3-16
Intermediate Grade	45kg/mm ² 70,000PSI
Hard Grade 55kg/mm ²	3-16
80,000PSI	
Hard Strength Grade	3-13
65kg/mm ² 90,000PSI	
Cutting Speed (Sec.)	2.0
Cutting Pressure (Ton)	8
Motor (Single-phase)	580W
	115/230V 50/60Hz
Weight (Ton)	5.8kg
Dimensions	378 (L) x 205(W) x 108(H)mm
Standard Accessories	Plastic Carrying Case, Wrenches



ALF 0006

HBC-13N

Double Insulation Model

Specifications

Code	ALF 0006
Model	HBC-13N
Cutting Capacity (Dia. mm)	Rebar 3-13
Intermediate Grade	45kg/mm ² 70,000PSI
Hard Grade 55kg/mm ²	3-13
80,000PSI	
Hard Strength Grade	3-10
65kg/mm ² 90,000PSI	
Cutting Speed (Sec.)	1.5
Cutting Pressure (Ton)	6
Motor (Single-phase)	450W
	115/230V 50/60Hz
Weight (Ton)	6.5kg
Dimensions	395 (L) x 100(W) x 110(H)mm
Standard Accessories	Steel Carrying Case, Wrenches

Features:

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

REBAR CUTTERS

Electro-Hydraulic Rebar Cutters



ALF 0007

HBB-13DI

Specifications

Code	ALF 0007	
Model	HBB-13DI	
Motor	110-115V/220-230V AC 50/60Hz Single-Phase 750W	
Weight	7.3 kg	
Dimensions	443 (L) x 150 (H) x 115 (W) mm	
Bending Capacity	Tensile Strength	Max. Dia.
	560N / mm ² (55 kg / mm ²) 80,000 P.S.I.	13 mm (#4)
Bending Capacity	620N / mm ² (63 kg / mm ²) 90,000 P.S.I.	10 mm (#3)
	620N / mm ² (63 kg / mm ²) 90,000 P.S.I.	10 mm (#3)
Cutting Speed	1.5 seconds	
Standard Accessories	Wooden Box, Hydraulic oil #46, Hex wrenches (3-4-5), Spanner (14-17)	



ALF 0008

HBC-816

For high-tensile rebar

Specifications

Code	ALF 0008	
Model	HBC-816	
Motor	110-115V/220-230V AC 50/60Hz Single-Phase 1050W	
Weight	8.7 kg	
Dimensions	492 (L) x 165 (H) x 120 (W) mm	
Bending Capacity	Tensile Strength	Max. Dia.
	620N / mm ² (63 kg / mm ²) 90,000 P.S.I.	16 mm (#5)
Bending Capacity	620N / mm ² (63 kg / mm ²) 90,000 P.S.I.	10 mm (#3)
	620N / mm ² (63 kg / mm ²) 90,000 P.S.I.	10 mm (#3)
Cutting Speed	1.5 seconds	
Standard Accessories	Plastic Carrying case, Hydraulic oil #46, Hex wrenches (3-4-5), Spanner (14-17)	

HIGH TENSILE REBAR CUTTER

Electro-Hydraulic Cutters for High Tensile Rebars



ALF 0009

HBC-19N

Specifications

Code	ALF 0009	
Model	HBC-19N	
Motor	110-115V/220-230V AC 50/60Hz Single-Phase 700W	
Weight	11.8 kg	
Dimensions	390 (L) x 112 (H) x 225 (W) mm	
Bending Capacity	Tensile Strength	Max. Dia.
	620N / mm ² (63 kg / mm ²) 90,000 P.S.I.	19 mm (#6)
Bending Capacity	620N / mm ² (63 kg / mm ²) 90,000 P.S.I.	19 mm (#6)
	620N / mm ² (63 kg / mm ²) 90,000 P.S.I.	19 mm (#6)
Cutting Speed	2.5 seconds	
Standard Accessories	Wooden Box, Hydraulic oil #46, Hex wrenches (3-4-5-6), Spanner (17-19)	



ALF 0010

HBC-19R

With rotating cutter head

Specifications

Code	ALF 0010	
Model	HBC-19R	
Motor	110-115V/220-230V AC 50/60Hz Single-Phase 700W	
Weight	11.0 kg	
Dimensions	401 (L) x 126 (H) x 226 (W) mm	
Bending Capacity	Tensile Strength	Max. Dia.
	620N / mm ² (63 kg / mm ²) 90,000 P.S.I.	19 mm (#6)
Bending Capacity	620N / mm ² (63 kg / mm ²) 90,000 P.S.I.	19 mm (#6)
	620N / mm ² (63 kg / mm ²) 90,000 P.S.I.	19 mm (#6)
Cutting Speed	2.5 seconds	
Standard Accessories	Wooden Box, Hydraulic oil #46, Hex wrenches (3-4-5-6), Spanner (17-19)	



ALF 0011

HBC-25N

Specifications

Code	ALF 0011	
Model	HBC-25N	
Motor	110-115V/220-230V AC 50/60Hz Single-Phase 1460W	
Weight	20.0 kg	
Dimensions	466 (L) x 150 (H) x 240 (W) mm	
Bending Capacity	Tensile Strength	Max. Dia.
	620N / mm ² (63 kg / mm ²) 90,000 P.S.I.	25 mm (#8)
Bending Capacity	620N / mm ² (63 kg / mm ²) 90,000 P.S.I.	25 mm (#8)
	620N / mm ² (63 kg / mm ²) 90,000 P.S.I.	25 mm (#8)
Cutting Speed	2.5 seconds	
Standard Accessories	Wooden Box, Hydraulic oil #46, Hex wrenches (4-5-6-8), Spanner (14-17-24)	



ALF 0012

HBC-32

With rotating cutter head

Specifications

Code	ALF 0012	
Model	HBC-32	
Motor	110-115V/220-230V AC 50/60Hz Single-Phase 2300W	
Weight	39.0 kg	
Dimensions	570 (L) x 167.5 (H) x 287 (W) mm	
Bending Capacity	Tensile Strength	Max. Dia.
	620N / mm ² (63 kg / mm ²) 90,000 P.S.I.	32 mm (#10)
Bending Capacity	620N / mm ² (63 kg / mm ²) 90,000 P.S.I.	32 mm (#10)
	620N / mm ² (63 kg / mm ²) 90,000 P.S.I.	32 mm (#10)
Cutting Speed	6.0 seconds	
Standard Accessories	Wooden Box, Hydraulic oil #46, Hex wrenches (4-5-6-8-10), Spanner (14-17-30)	

TOOLS & MACHINERY



Vibratory Rammer

Code	Model	Dimensions (mm)			Weight (kg)	Plate Size (mm)	Jumping Stroke (mm)	Impact Force (KN)	Impact Number (blows/min.)	Power Source
		L	W	H						
ALF 0013-1	RAM 85	850	420	1070	86	360 X 300	40 - 55	12 - 13	550 ~ 600	Robin EH12, Air-cooled 4-cycle OHV Engine, Max. 4.0Hp/4000 rpm
ALF 0013-2	RAM 70B	850	420	1070	72	330 X 280	40 - 60	13 - 15	550 ~ 600	Robin EH12, Air-cooled 4-cycle OHV Engine, Max. 4.0Hp/4000 rpm



Vibratory Plate Compactor

Code	Model	Weight	Overall Length	Overall Width	Overall Height	Compaction Plate Size	Working Speed	Vibration Frequency	Centrifugal Force	Engine Model	Engine Type	Max. Output	Fuel	Starting System
		kg (lb)	mm (inch)	mm (inch)	mm (inch)	(L X W) mm (inch)	m/h	vpm	kgf (lbf)			ps/rpm		
1	CPT 80	80 (176)	750 (29.5)	400 (15.8)	850 (33.5)	585X400 (23X15.8)	1400~1500	6000	1500 (3307)	EY20D	Robin Air-cooled 4-cycle	5.0/4000	Automobile Gasoline	Recoil Starter
2	CPT 140	140 (308)	1200 (47.2)	500 (19.7)	570 (22.4)	600X500 (23.6X19.7)	900~1200	5100	2080 (4576)	DY30D	Robin Air-cooled 4-cycle	5.0/3000	Diesel Light Oil	Hand Starter



Power Trowel

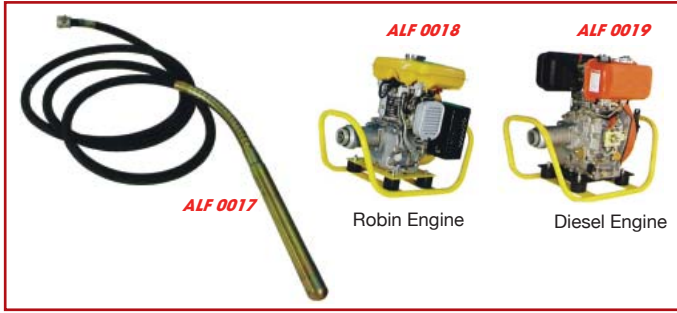
Code	ALF 0015				
Model	TOL 100G				
Engine	5 HP/3600RPM 4-cycle Gasoline				
Trowel Speed (rpm)	50-130				
Trowel Dia (mm)	1,000				
Blade Size	<table border="1"> <tr> <td>Combination Blade (mm)</td> <td>350 (L) 200 (W)</td> </tr> <tr> <td>Finish Blade (mm)</td> <td>350 (L) 150 (W)</td> </tr> </table>	Combination Blade (mm)	350 (L) 200 (W)	Finish Blade (mm)	350 (L) 150 (W)
Combination Blade (mm)	350 (L) 200 (W)				
Finish Blade (mm)	350 (L) 150 (W)				
Overall Dimension (mm)	2100 X 100 X 700				



Concrete Cutter

Code	ALF 0016-1	ALF 0016-2																								
Model	HCC 16	HCC 20																								
Weight kg (lb)	128	153																								
Overall Dimensions (L X W X H) mm	1533 X 603 X 963	1990 X 548 X 1018																								
Maximum Cutting Depth (mm)	140	160																								
Blade Size (inch)	12" ~ 16"	14" ~ 20"																								
Depth Adjustment Mechanism	Handle Rotation	Handle Rotation																								
Driving Mechanism	Manual Push	Semi-self Propelled																								
Water Tank Capacity (l)	37	45																								
Engine	<table border="1"> <tr> <td>Make</td> <td>Robin</td> </tr> <tr> <td>Model</td> <td>EY40D</td> </tr> <tr> <td>Type</td> <td>4-Stroke Air-cooled Gasoline</td> </tr> <tr> <td>Max (HP/rpm)</td> <td>10/3600</td> </tr> <tr> <td>Fuel Tank Capacity (l)</td> <td>6.0</td> </tr> <tr> <td>Starting</td> <td>Recoil</td> </tr> </table>	Make	Robin	Model	EY40D	Type	4-Stroke Air-cooled Gasoline	Max (HP/rpm)	10/3600	Fuel Tank Capacity (l)	6.0	Starting	Recoil	<table border="1"> <tr> <td>Make</td> <td>Robin</td> </tr> <tr> <td>Model</td> <td>EY40D</td> </tr> <tr> <td>Type</td> <td>4-Stroke Air-cooled Gasoline</td> </tr> <tr> <td>Max (HP/rpm)</td> <td>10/3600</td> </tr> <tr> <td>Fuel Tank Capacity (l)</td> <td>6.0</td> </tr> <tr> <td>Starting</td> <td>Recoil</td> </tr> </table>	Make	Robin	Model	EY40D	Type	4-Stroke Air-cooled Gasoline	Max (HP/rpm)	10/3600	Fuel Tank Capacity (l)	6.0	Starting	Recoil
Make	Robin																									
Model	EY40D																									
Type	4-Stroke Air-cooled Gasoline																									
Max (HP/rpm)	10/3600																									
Fuel Tank Capacity (l)	6.0																									
Starting	Recoil																									
Make	Robin																									
Model	EY40D																									
Type	4-Stroke Air-cooled Gasoline																									
Max (HP/rpm)	10/3600																									
Fuel Tank Capacity (l)	6.0																									
Starting	Recoil																									

TOOLS & MACHINERY



Concrete Vibrator

Effective for all concrete slump, fast compaction of concrete by removal of air bubbles

*All critical material are heat treated

Code	Model	VPM	Amplitude (mm)	Hose Length (m)	Head Length	Weight (kg)	Power Source
ALF 0017-1	28	9,000	1.4	6	450	13.5	Diesel 4.7 HP
ALF 0017-2	32		1.8		450	13.5	
ALF 0017-3	38	to	1.8		450	14.5	Robin Gasoline Electric Motor 2.0 HP
ALF 0017-4	45	12,000	2.0		500	16.0	
ALF 0017-5	60		2.4		500	21.5	

Code	Model	Displacement (cc)	Max Output H/P RPM	Fuel Tank (L)	Fuel	Weight (kg)
ALF 0018	EY20D	183	5.0 / 4000	3.8	Gasoline	26
ALF 0019	F210	211	4.7 / 3600	2.5	Diesel	36
ALF 0020	TE 1200	-	1200W	-	-	15



Fogging Machine

Code	ALF 0021
Model	Thermal fogger portable K-10 SP
Weight Empty	7 kg
Size (length x breadth x height)	106 x 29 x 33 cm
Capacity of Chemical Tank	5 liter
Capacity of Fuel Tank	2 liter
Cubic Capacity of Combustion Chamber of Engine	0.3 liter
Maximum Performance of Engine	17.5 kW (24 h.p., 15 000 kcal/h)
Fuel Consumption	1.5-1.9 l/h
Autoignition	Electronic coil fed by 4 batt. = 6 V DC
Starting Device	Handpump
Flow Rate (according to nozzle size used)	12-25 l/h
Droplet Size Range	< 25 µm (oil)
Contingent to Installed	< 60 µm (oil/water)
Nozzle Size	< 100 µm (water)



Portable Concrete / Mortar Mixer

- Lightweight and portable, the Minimix 150 mixes a full barrow-load
- Used with the stand, it allows barrow-height mixing and tipping
- Electric or petrol options available
- Enclosed electric, sealed to IP 45
- Full thermal overload protection
- CE compliant, with NVR (no volt return) safety power switch

Code	ALF 0022-1	ALF 0022-2
Motor Power (hp/kW)	2.5 / 1.8	0.75 / 0.55
Drum Volume (litres)	136	136
Mixing Output (litres)	90	90
Drum Speed (rpm)	24	24
Dimensions Off Stand (mm)	605 (W) x 890 (H) x 1220 (L)	605 (W) x 890 (H) x 1220 (L)
Weight (kg)	59.5	57

PUMPS



Grout Pump

For repairing cracked walls, roof, flooring or concrete surfaces.

All grout pump come designed for most commercial available cementitious grouts. Much considerations are taken for the ease of operator using it and the ease of washing and maintenance. The pressure gauge is built with a special diaphragm thus preventing the seizure of the gauge after each use.

Code	Output L/Min	Pressure (bar)	Weight (kg)	Connections		Dimension (cm)
				Input (ins)	Output (ins)	
ALF 0023	8	8	20	1	1	97 x 20 x132
ALF 0024	20	10	35	1/2	1/4	115 x 38 x61
ALF 0025	20	1.5	8.5	16 Litre Hopper	1	29 x 56 x 61



SEP-1

A simple and plug and play pump. It is most suitable where the job are scattered and power supply is not available. All component can be dismantled for complete cleaning and the frame is fully collapsible for transportation.

Code	Model	Pressure (psi/bar)	Flow (cc/min)	Hose (m)	WT (kg)	Measurement (cm)	Power Source
ALF 0026	SEP-1	725/50	0-550	5	12	78 x 65	Manual
ALF 0027	SEP-23E	8000/550	750	5	9	30 x 40 x 15	500W 230V



SEP-23E

This is a professional pump achieving pressure of up to 8000 psi. It is easy to set up with a self contain hopper and a pressure return valve which enables the operator to regulate the necessary pressure and flow to the packer.



Epoxy Packer
P/N 13095
Length: 94mm
Diameter :13mm

Pressure Coupler
SEP-17

SEP -23-56A

Remote Control Cable



Hydraulic Pressure Test Pumps

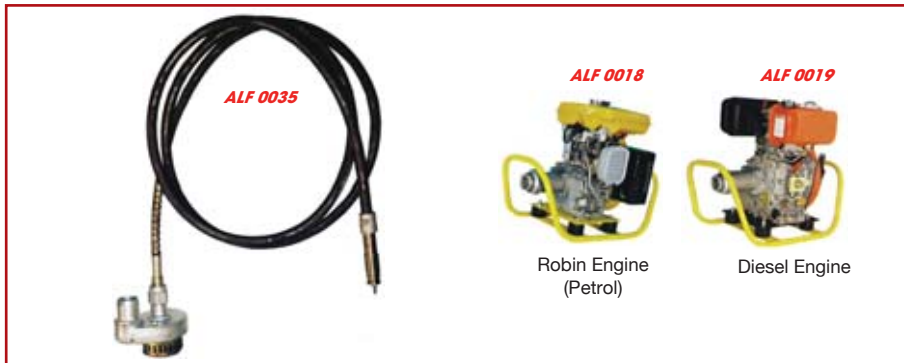
Code	ALF 0033-1	ALF 0033-2
Model	T-50K-P	T-100K
Maximum Pressure	50kg/cm3	100kg/cm3
Plunger Diameter	22mm	22mm
Stroke	35mm	35mm
Rate of Water Suction Per Stroke	13ml	13ml
Capacity of Water Tank	4.5L	5.2L
Size of Discharge Port	1/4"	1/4"
Weight	3.3kg	7.0kg
Dimensions L x H x W (mm)	320 x 300 x 200	370 x 300 x 210



Hydraulic Pressure Test Pumps

Code	ALF 0034-1	ALF 0034-2	ALF 0034-3
Model	T-50NDX/T	300NDX/T	500NDX
Max Pressure	50kg/cm2		
Plunger Diameter	30		
Stroke	45mm		
Suction Rate/Stroke	32cc		
Tank Volume	18		
Discharge Nozzle Size	3/8		
Weight	8.0kg		
Size	610 x 375 x 290		

PUMPS



Submersible Water Pump

Code	Model	Diameter (mm)	Hose Length (m)	Max Height (m)	Max Flow L/Min	Weight (kg)
ALF 0035	SP-80	76	6	14	1200	18

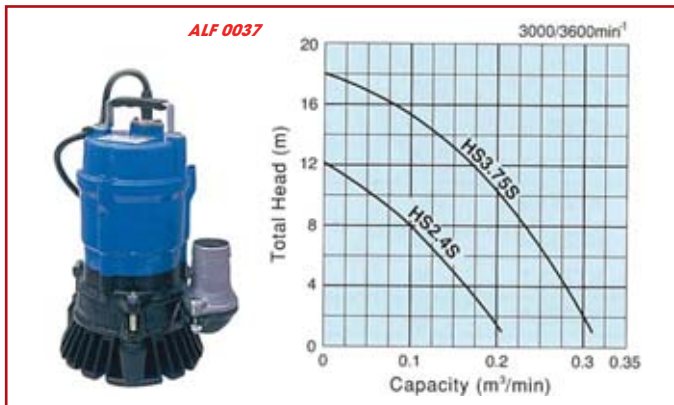
Code	Model	Displacement (cc)	Max Output H/P RPM	Fuel Tank (L)	Fuel	Weight (kg)
ALF 0018	EY20D	183	5.0 / 4000	3.8	Gasoline	26
ALF 0019	F210	211	4.7 / 3600	2.5	Diesel	36



General-purpose diesel pump

Code	ALF 0036
Model	KM178
Cont. Output kW	4
Displacement ml	296
Suction, discharge port dia. (in.)	3
Cont. Capacity m ³ /h	36
Cont. head m	13
Self-priming time s/4m	120
Max. suction head m	8
Dry weight kg	52
Dimension (L x W x H)mm	570 x 445 x 550

Electrical Submersible Pump



Features

Performance of the highly reliable pump is not impaired even if worn.

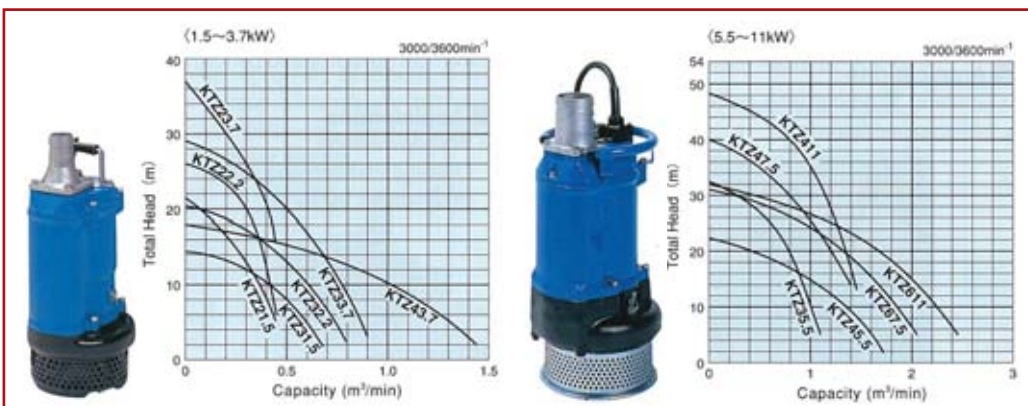
Application

- Draining sand-carrying water in construction and civil engineering works.



Code	ALF 0037-1	ALF 0037-2
Model	HS2.4S	HS3.75S
Discharge Bore mm	50	80 (50)
Motor Output kW	0.4	0.75
Dry Weight kgs	11.3	17.5
Dimensions mm	D	241
	H	328
		388

Single-phase Portable General Dewatering pumps



Features

Generally applicable high-grade pump that can be used efficiently in draining in general civil engineering through to deepwell applications

Application

- Draining sand-carrying water in construction and civil engineering works
- Deepwell pre-dewatering

Three-phase General Dewatering Pumps

Code	ALF 0038-1	ALF 0038-2	ALF 0038-3	ALF 0038-4	ALF 0038-5	ALF 0038-6	ALF 0038-7	ALF 0038-8	ALF 0038-9	ALF 0038-10	ALF 0038-11	ALF 0038-12	ALF 0038-13
Model	KTZ21.5	KTZ22.2	KTZ23.7	KTZ31.5	KTZ32.2	KTZ33.7	KTZ35.5	KTZ43.7	KTZ45.5	KTZ47.5	KTZ411	KTZ67.5	KTZ611
Discharge Bore mm	50	50	50	80	80	80	80	100	100	100	100	150	150
Motor Output kW	1.5	2.2	3.7	1.5	2.2	3.7	5.5	3.7	5.5	7.5	11	7.5	77
Dry Weight kgs	30	34	63	30	34	63	82	63	82	105	133	107	136
Dimensions mm	D	235	235	283	235	235	283	306	283	306	330	373	330
	H	509	529	627	509	529	627	671	642	686	764	806	799

CLEANERS

Pressure Cleaners



Monsoon 202

Technical Specifications

Code		ALF 0039
Operating Pressure, max.	bar	130
Water Flow, max	L/hr	450
Mains Supply	V/Hz/Ph	230/50/1
Power	kW	2.4
Motor	Pole/rpm	2/2800
Weight	kg	18
Water Intake Temp, Max	°C	60
Dimensions (L x W x H)	mm	260 x 300 x 860
Cable Length	m	5

Standard Accessories

- High pressure lance with variable angle nozzle, detergent injector control
- Turbo-head attachment
- 7 metre high pressure hose
- 1 litre built in detergent tank



Monsoon 303

Technical Specifications

Code		ALF 0040
Operating Pressure, max.	bar	130
Water Flow, max	L/hr	540
Mains Supply	V/Hz/Ph	230/50/1
Power	kW	3.2
Motor	Pole/rpm	2/2800
Weight	kg	29
Water Intake Temp, Max	°C	60
Dimensions (L x W x H)	mm	430 x 340 x 920
Cable Length	m	5

Standard Accessories

- High pressure lance with variable angle nozzle and detergent spray control
- Turbo-head attachment
- 8.5 metre high pressure hose
- 8 litre built-in detergent tank



Monsoon 404

Technical Specifications

Code		ALF 0041
Operating Pressure, max.	bar	110
Water Flow, max	L/hr	720
Mains Supply	V/Hz/Ph	230/50/1*
Power	kW	3
Motor	Pole/rpm	4/1450
Weight	kg	44
Water Intake Temp, Max	°C	60
Dimensions (L x W x H)	mm	740 x 430 x 810
Cable Length	m	5

*Also available in 230V / 60Hz / 1Ph

Standard Accessories

- High pressure lance with variable angle nozzle, detergent injector control
- 8 metre high pressure hose
- 7.5 litre built in detergent tank with dosage control



Monsoon 606

Technical Specifications

Code		ALF 0042
Operating Pressure, max.	bar	110
Water Flow, max	L/hr	720
Mains Supply	V/Hz/Ph	230/50/1
Power	kW	2.9
Motor	Pole/rpm	4/1450
Weight	kg	46
Water Intake Temp, Max	°C	60
Dimensions (L x W x H)	mm	790 x 500 x 900
Cable Length	m	10

Standard Accessories

- High pressure lance with detergent injector control
- 10 metre high pressure hose
- 8 litre built in detergent tank with dosage control



Monsoon 808

Technical Specifications

Code		ALF 0043
Operating Pressure, max.	bar	220
Water Flow, max	L/hr	1050
Mains Supply	V/Hz/Ph	400/50/3
Power	kW	7.5
Motor	Pole/rpm	2/2800
Weight	kg	50
Water Intake Temp, Max	°C	60
Dimensions (L x W x H)	mm	790 x 500 x 900
Cable Length	m	10

Standard Accessories

- High pressure dual lance with detergent injector control
- 10 metre high pressure hose
- 8 litre built in detergent tank with dosage control



Monsoon 909

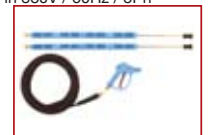
Technical Specifications

Code		ALF 0044
Operating Pressure, max.	bar	350
Water Flow, max	L/hr	900
Mains Supply	V/Hz/Ph	400/50/3*
Power	kW	12
Motor	Pole/rpm	4/1400
Weight	kg	150
Water Intake Temp, Max	°C	60
Dimensions (L x W x H)	mm	1090 x 680 x 890
Cable Length	m	5

*Also available: MONSOON 909M in 380V / 60Hz / 3Ph

Standard Accessories

- High pressure stainless steel lance
- Detergent spray lance
- 10 metre high pressure hose
- 15 litre built in detergent tank with dosage control



Code	ALF 0039	ALF 0040	ALF 0041	ALF 0042	ALF 0043	ALF 0044	Code
7 metres	●						PTTBAP 81185
8 metres		●					PTTBAP 80025
			●	●			PTTBAP 53044
10 metres					●		PTTBAP 53046
						●	PTTBAP 15632
20 metres	○	○					PTTBAP 80025-20
			○	○			KLA 0091620
					○		KLA 0091620F
						○	KLA 0092620M
30 metres			○	○			KLA 0091630
					○		KLA 0091630F
						○	KLA 0092630M

● Standard (included with machine) ○ Optional

CLEANERS

Vacuum Cleaners



Technical Specifications

Code		ALF 0045	ALF 0046	ALF 0047	ALF 0048	ALF 0049	ALF 0050
		105	122	322	335	572	590
Air Flow	L/min	2700	2830	2830	3600	5660	5660
Vacuum, Waterlift	mm	2200	2200	2200	2400	2200	2200
Power Rating, Max/Min	W	1000/900	1050/950	1200/1000	1400/1200	2400/2000	2400/2000
Mains Supply*	V	220 - 240	220 - 240	220 - 240	220 - 240	220 - 240	220 - 240
	Hz	50 - 60	50 - 60	50 - 60	50 - 60	50 - 60	50 - 60
Tank capacity	L	6	22	22	35	72	90
Sound Level	dB(A)	68	62	66	66	72	72
Dimensions, L x W x H	cm	32 x 33 x 45	39 x 39 x 51	39 x 39 x 51	44 x 44 x 67	60 x 63 x 97	46 x 58 x 92
Weight w/o Accessories	kg	5	7	8	9	23	23

* Also available in 110V/60Hz and 115V/400Hz (Aircraft).

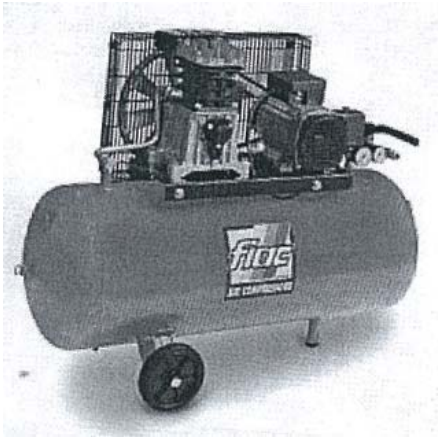
Accessories

Code		ALF 0045	ALF 0046	ALF 0047	ALF 0048	ALF 0049	ALF 0050
Connected Ø 32mm	Code	105	122	322	335	572	590
Vacuum Hose Assembly, 1.2m	KS PV032	●					
Chromed Suction Tubes, 500mm, 2pcs	SM 23152	●					
Combination Carpet/Floor Nozzle	SM 19330	●					
Dusting Brush with Swivel joint	SM 19332 W	●					
Crevice Nozzle	SM 26204	●					
Upholstery Tool with Brush	SM 19328	○					
Connection Ø 36mm							
Suction Hose Assembly, 2m	KS 016596		●	●	○		
Curved Suction Tube	KS 06158		●	●	○		
Straight Suction Tubes, 2 pcs	KS 06240		●	●	○		
Combination Carpet/Floor Nozzle	KS 00632		●	●	○		
Upholstery Nozzle	KS 00616		●	●	○		
Crevice Nozzle	KS 00617		●	●	○		
Round Dusting Brush	KS 00004		●	●	○		
Wet Pick-up Nozzle	KS 02720			●	○		
Connection Ø 40mm							
Suction Hose Assembly, 2.5m	KS 00008				●	●	●
Curved Suction Tube	KS 06389				●	●	●
Straight Suction Tube, 2pcs	KS 06387				●	●	●
Wet Pick-up Floor Nozzle	KS 06385				●	●	●
Dry Pick-up Floor Nozzle	KS 06384				●	●	●
Carpet Vacuum Nozzle	KS 06386				○	○	○
Straight Plastic Extension Tubes, 2 pcs	KS 00001				○	○	○
Crevice Nozzle	KS 00003				●	●	●
Reducer for Round Dusting Brush	KS 06388				●	●	●
Round Dusting Brush	KS 06295				●	●	●
Fixed Floor Nozzle	KS 00042					○	
Filter Cartridge and Bag							
Paper Filter Bags (pack of 10)	KS 00147		○	○			
(pack of 5)	KS PV632	○					
(pack of 5)	KS 03979				○		
(pack of 5)	KS 02875					○	
Absolute Filter Cartridge	KS 02871			○			
Absolute Filter Cartridge	KS 02852				○	○	○
Polyester Washable Cartridge	KS 02995				○	○	○
Holder for Filter Cartridge	KS 07521			○	○	○	○

● Standard (included with machine) ○ Optional

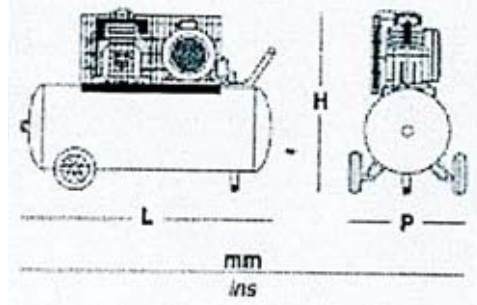


BELT-DRIVEN AIR COMPRESSORS



**AB 25 / AB 50 / AB 100
AB 150 / AB 200**

Tipo/Type	Kg	m ³
AB 25-248	37	0.194
AB 50-248	50	0.263
AB 100-248	62	0.393
AB 150-248	86	0.831
AB 200-248	100	1.128
AB 100-338	64	0.393
AB 150-338	88	0.831
AB 200-338	102	1.128
AB 100-360	64	0.393
AB 200-360	102	1.128



	L	P	H
AB 25/248	740/29	320/12.5	660/25.7
AB 50/248	1010/46.6	360/14	730/27.5
AB 100/248-338-360	1100/42.9	400/15.6	830/32.4
AB 150/248-338	1360/53	540/21	1060/41.3
AB 200-248-338-360	1460/56.9	640/24.9	1140/44.5

CE

Belt driven air compressors



Code	Tipo / Type	Volt/Hz	Lt.	dB (A)	L _{WA}	Grup/Pump	Oil/St.	min	C.F.M	m ³ /h	bar	psi	HP	KW	KW	min-1
ALF 0051-1	AB 25-248 M	230/20/1	24	72	95	AB 248	2/1	250	8.8	15	10	145	2	1,5	2	1240
ALF 0051-2	AB 25-248	400/50/3	24	72	95	AB 248	2/1	250	8.8	15	10	145	2	1,5	2	1240
ALF 0051-3	AB 50-248 M	230/50/1	50	72	95	AB 248	2/1	250	8.8	15	10	145	2	1,5	2	1240
ALF 0051-4	AB 50-248	400/50/3	50	72	95	AB 248	2/1	250	8.8	15	10	145	2	1,5	2	1240
ALF 0051-5	AB 100-248 M	230/50/1	100	72	95	AB 248	2/1	250	8.8	15	10	145	2	1,5	2	1240
ALF 0051-6	AB 100-248	400/50/3	100	72	95	AB 248	2/1	250	8.8	15	10	145	2	1,5	2	1240
ALF 0051-7	AB 150-248 M	230/50/1	150	72	95	AB 248	2/1	250	8.8	15	10	145	2	1,5	2	1240
ALF 0051-8	AB 150-248	400/50/3	150	72	95	AB 248	2/1	250	8.8	15	10	145	2	1,5	2	1240
ALF 0051-9	AB 200-248 M	230/50/1	200	72	95	AB 248	2/1	250	8.8	15	10	145	2	1,5	2	1240
ALF 0051-10	AB 200-248	400/50/3	200	72	95	AB 248	2/1	250	8.8	15	10	145	2	1,5	2	1240
ALF 0051-11	AB 100-338 M	230/50/1	100	74	99	AB 338	2/1	330	11.6	19,8	10	145	3	2,25	3	1600
ALF 0051-12	AB 100-338	400/50/3	100	74	99	AB 338	2/1	330	11.6	19,8	10	145	3	2,25	3	1600
ALF 0051-13	AB 150-338 M	230/50/1	150	74	99	AB 338	2/1	330	11.6	19,8	10	145	3	2,25	3	1600
ALF 0051-14	AB 150-338	400/50/3	150	74	99	AB 338	2/1	330	11.6	19,8	10	145	3	2,25	3	1600
ALF 0051-15	AB 200-338 M	230/50/1	200	74	99	AB 338	2/1	330	11.6	19,8	10	145	3	2,25	3	1600
ALF 0051-16	AB 200-338	400/50/3	200	74	99	AB 338	2/1	330	11.6	19,8	10	145	3	2,25	3	1600
ALF 0051-17	AB 100-360 M	230/50/1	100	73	95	AB 360	2/1	350	12.4	21	10	145	3	2,25	3	1600
ALF 0051-18	AB 100-360	400/50/3	100	73	95	AB 360	2/1	350	12.4	21	10	145	3	2,25	3	1600
ALF 0051-19	AB 20-360 M	230/50/1	200	73	95	AB 360	2/1	350	12.4	21	10	145	3	2,25	3	1600
ALF 0051-20	AB 200-360	400/50/3	200	73	95	AB 360	2/1	350	12.4	21	10	145	3	2,25	3	1600

BELT-DRIVEN AIR COMPRESSORS

MK5-50-1M
ALF 0052



MK5-25-1M
ALF 0053



Suitable for craftsmen who need a belt-driven compressor

- Overload protection of electric motor with manual reset.
- Pressure reducer with one or two cocks.
- Condensate drain cock.
- ON/OFF pressure switch.
- Splash lubrication, forced ventilation, cast iron cylinder, steel valve plate and steel valves.
- Single-cylinder reciprocating compressor.

MK5 50Hz – Single-phase, on wheels



Code	H	US Gal	Type	Volt/Ph	kW	HP	Model	U/min	m³/h	c.f.m.	bar	p.s.i.	R.P.M.	m²	n²	dB (A)	L x D x H (cm)	kg	Lbs
<i>ALF 0052-1</i>	25	6,6	MKS-25-1M	230/1	0,75	1	MK5	120	7,2	4,2	8	116	1530	1	1	76	64 x 32 x 64	40,5	89
<i>ALF 0053-1</i>	50	13,2	MK5-50-1M	230/1	0,75	1	MK5	120	7,2	4,2	10	145	1530	1	1	76	83 x 42 x 71	57,5	127

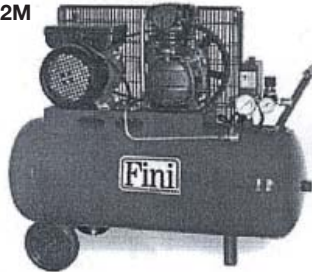
MK5 60Hz – Single-phase, on wheels



Code	H	US Gal	Type	Volt/Ph	kW	HP	Model	U/min	m³/h	c.f.m.	bar	p.s.i.	R.P.M.	m²	n²	dB (A)	L x D x H (cm)	kg	Lbs
<i>ALF 0052-2</i>	25	6,6	MKS-25-1M	115/1	0,75	1	MK5	120	7,2	4,2	8	116	1530	1	1	76	64 x 32 x 64	40,5	89
<i>ALF 0053-2</i>	50	13,2	MK5-50-1M	115/1	0,75	1	MK5	120	7,2	4,2	10	145	1530	1	1	76	83 x 42 x 71	57,5	127

230 V three-phase models available on demand (+3%)

MK7-50-2M
ALF 0054



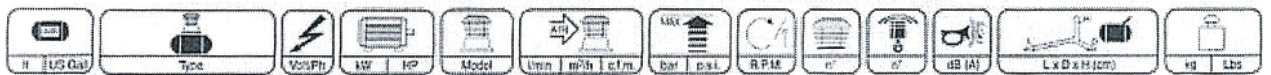
MK7-24-2M
ALF 0055



Suitable for craftsmen who need a belt-driven compressor

- Overload protection of electric motor with manual reset.
- Pressure reducer with one or two cocks.
- Condensate drain cock.
- ON/OFF pressure switch.
- Splash lubrication, forced ventilation, cast iron cylinder, aluminium valve plate and steel valves.
- Single-cylinder reciprocating compressor.

MK7 50Hz – Single-phase, on wheels

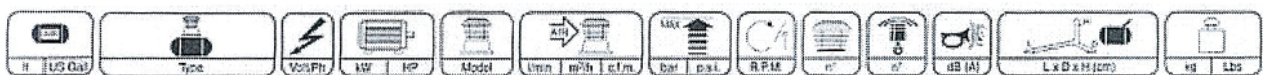


Code	H	US Gal	Type	Volt/Ph	kW	HP	Model	U/min	m³/h	c.f.m.	bar	p.s.i.	R.P.M.	m²	n²	dB (A)	L x D x H (cm)	kg	Lbs
<i>ALF 0054-1</i>	24,	16	MK7-24-2M	230/1	1,5	2	MK7	160	9,6	5,7	8	116	1480	1	1	79	64 x 32 x 65	42	93
<i>ALF 0055-1</i>	50	13,2	MK7-50-2M	230/1	1,5	2	MK7	160	9,6	5,7	10	145	1480	1	1	79	83 x 42 x 72	60	132
<i>ALF 0056-1</i>	100	26,5	MK7-100-2M	230/1	1,5	2	MK7	160	9,6	5,7	10	145	1480	1	1	79	113 x 48 x 81	70	154

50Hz – Three-phase, on wheels

<i>ALF 0055-2</i>	50	13,2	MK7-50-2	400/3	1,5	2	MK7	160	9,6	5,7	10	145	1480	1	1	79	83 x 42 x 72	60	132
<i>ALF 0056-2</i>	100	26,5	MK-100-2	400/3	1,5	2	MK7	160	9,6	5,7	10	145	1480	1	1	79	113 x 48 x 81	70	154

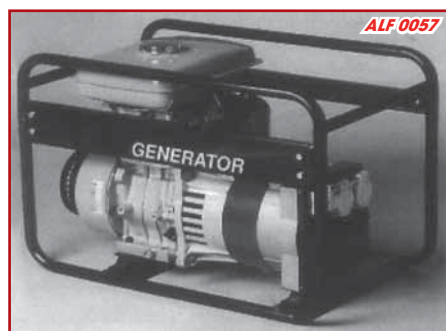
MK7 60Hz – Single-phase, on wheels



1Code	H	US Gal	Type	Volt/Ph	kW	HP	Model	U/min	m³/h	c.f.m.	bar	p.s.i.	R.P.M.	m²	n²	dB (A)	L x D x H (cm)	kg	Lbs
<i>ALF 0054-3</i>	25,	6,6	MK7-24-2M	115/1	1,5	2	MK7	160	9,6	5,7	8	116	1480	1	1	79	64 x 32 x 65	42	93
<i>ALF 0055-3</i>	50	13,2	MK7-50-2M	115/1	1,5	2	MK7	160	9,6	5,7	10	145	1480	1	1	79	83 x 42 x 72	60	132
<i>ALF 0056-3</i>	100	26,5	MK7-100-2M	115/1	1,5	2	MK7	160	9,6	5,7	10	145	1480	1	1	79	113 x 48 x 81	70	154

230 V three-phase models available on demand (+3%)

GENERATOR



Code	ALF 0057-1	ALF 0057-2	ALF 0057-3	ALF 0057-4	ALF 0057-5	ALF 0057-6
Model	YM 16	YM 22	YM 30	YM 50	YM 35	YM 50
Frequency (HZ)	50 60	50 60	50 60	50 60	50 60	50 60
Output (KW/Max rated)	1.7 2 1.5 1.6	2.2 2.7 1.8 2.3	3.5 4.2 3.0 2.7	5.0 5.5 4.5 5.0	3.5 4.2 3.0 2.7	5.0 5.5 4.5 5.0
Engine	Robin or Honda Air Cooled 4 Syscle Gasolin Engine					
Model	EY-15D	EY-20D	EH-17	EY-40D	DH-27	DY-41
Output Max	3.5 HP	5. HP	6 HP	10 HP	6.5 HP	8.5 HP
Fuel Tank	2.5 L	3.8 L	5.5 L	6.0 L	5.5 L	6.0 L
Weight	27 kgs	33 kgs	44 kgs	60 kgs	54 kgs	70 kgs
Dimension L x W x H	650 x 375 x 40		700 x 450 x 500		700 x 450 x 500	



Code	ALF 0058-1	ALF 0058-2	ALF 0058-3
Model	YMW 130AC	YMW 180AC	YMW 130AC
Frequency (HZ)	230V x 50 HZ	230V x 50 HZ	230V x 50 HZ
Output (KW/Max rated)	3 K.W.	5 K.W.	3 K.W.
Engine	EY-28D	EY-40D	DY-41
Output Max	7.5 HP	10 HP	8.5 HP
Fuel Tank	55 Kgs	72 Kgs	65 Kgs
Welding Current	115 Amp	160 Amp	115 Amp
Dimension LxWxH	700 x 450 x 500	740 x 470 x 530	700 x 450 x 500

Concrete Bucket

	Code	Description	Item / CU 3	Overall Size O.D.
	ALF 0059-1	A2	0.5	34" x 34" x 48"
	ALF 0059-2	Centre Discharge	0.75	40" x 40" x 56"
	ALF 0059-3		1.0	42" x 42" x 56"
	ALF 0059-4		1.5	48" x 48" x 56"
	ALF 0060-1	A1	0.75	36" x 22" x 60"
	ALF 0060-2	Sand Bucket	1.0	40" x 25" x 71"
	ALF 0060-3		1.5	52" x 25" x 84"
	ALF 0061-1	A5 Mud Bucket	1.0	40" x 25" x 71"
	ALF 0061-2		1.5	52" x 25" x 84"
	ALF 0062-1	A4 Side Discharge	0.5	30" x 34" x 48"
	ALF 0062-2		0.75	40" x 40" x 50"
	ALF 0062-3		1.0	42" x 42" x 56"
	ALF 0062-4		1.5	48" x 48" x 56"
	ALF 0062-5		2.0	58" x 58" x 59"

Note: All 5/8" Dia. 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.

	ALF 0063	Hopper ø 600mm x 700mm with 200mm outlet	H 0.6	ø 600mm x 700mm with 200mm outlet
	ALF 0064	Concrete trunk 1.0m Lg	T 1.0	ø 250mm x ø200mm x 1.0m
	ALF 0065-1	Cube Mould	100 x 100	
	ALF 0065-2		150 x 150	