

CATALOG 2023



FUJI[®]

LIGHT CONSTRUCTION EQUIPMENT

**Our Registered
Trademarks:**

FUJI[®]

Concrete Vibrators,
Light Construction Equipment,
Generators, Welders.

SINGA

Premium Concrete Vibrator



SEMCO[®]

High Pressure Chemical
Spray Hoses

PONY[®]

Water Discharging Hoses

Our Business Partners:

LAUNTOP

China
Generators, Welders, Engines



China
Power Solution



Sunnyhose

Japan
Technology Patented
Water Discharging Hoses

sincro

Italy
Alternators, Generators, Welders

Mikasa

Japan
Construction Equipment

SENCI

China
Alternators, Generators
Engines, Pumps

ROADWAY

China
Roller, Construction Machinery

RobenS

China
Gasoline Engine, Water Pump

欧森[®]
OUSEN

Authorised Dealer:



SLB MATERIALS RESOURCES SDN BHD (1193000-D)

NO 19-01,
JALAN MOLEK 1/29,
TAMAN MOLEK, 81100 JOHOR BAHRU, JOHOR, MALAYSIA.

January 2023

FUJI[®] LIGHT CONSTRUCTION EQUIPMENT

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SPECIFICATIONS

Model	SG28	SG32	SG38	SG45	SG60	SG75
Vibration (v.p.m)	9,500 - 12,500					
Revolution (r.p.m)	3,000					
Flexible Shaft (Dia. x Length)	10mm x 6m		12mm x 6m			

FEATURES

Singa Concrete vibrator overcomes the defects of conventional high revolution type vibrator by adopting special vibrating method (pendulum type) giving excellent performance.

- ✓ Rotational speed is about 3,000 r.p.m. which is about one-third of conventional vibrator. Hence wear and tear of the flexible shaft and other rotating parts are extremely little, reducing trouble to minimum.
- ✓ Flexible shaft is not affected by vibration because it is connected to the vibrator shaft through a unique spring.
- ✓ Flexible shaft can be connected to the prime mover in one motion without using any tools.



SPECIFICATIONS

Model	FRU28	FRU32	FRU38	FRU45	FRU60
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Flexible Shaft (Dia. x Length)	10mm x 6m		12mm x 6m		



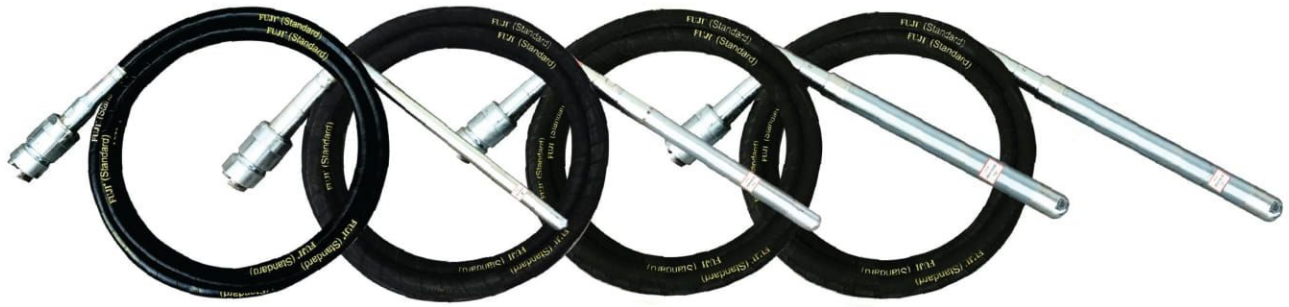
SPECIFICATIONS

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FEATURES

The all-new FUJI Concrete Vibrator is upgraded with improved features. The Rotary Shafts, Housing and Head Caps are of high quality material. These parts have been specially hardened for extra durability. The flexible hose is reinforced with double braided steel mesh to last longer. By adopting the special pendulum type of vibration it overcomes the defects of conventional vibrators.

- ✓ Rotational speed is about 3,000 r.p.m. which is about one-third that of conventional vibrator. Hence wear and tear of the flexible shaft and other rotating parts are extremely little, reducing trouble to a minimum.
- ✓ Flexible shaft is not affected by vibration because it is connected to the vibrator shaft through a unique spring.
- ✓ Flexible shaft can be connected to the prime mover in one motion without using any tools.



Extra Lengths Size : 6m, 7m, 8m, 9m, 10m, 11m, 12m

Model		LV-1" (25MM)	LV-1 3/8" (35MM)	LV-1 3/4" (45MM)	LV-2" (50MM)
Flexible Shaft	(Dia.xLength)	8mm x 5m	12mm x 5m	12mm x 5m	12mm x 5m
Vibrating Head	(Dia.xLength)	1" x 38mm	1 3/8" x 46.5mm	1 3/4" x 47.5mm	2" x 49mm
Vibration Frequency	(vpm)	14,000 - 13,000 vpm	12,000 - 13,000 vpm	11,500 - 12,500 vpm	11,000 - 12,000 vpm
Vibration Amplitude	(mm)	0.8mm	1.60mm	2.00mm	2.40mm
Centrifugal Force		2650 n	3,000 n	4,500 n	7,000 n

FUJI®

VIBRATOR MOTOR

FVM-50



FUJI VIBRATOR MOTOR

Brand	Power	Voltage (V)	Frequency (Hz)	G.W (KG)	Material Body	Size (mm) (L)x(W)x(H)
FVM - 50 (single-phase)	1.5Kw/ 2Hp	220	50	18	Iron Smooth	55 x24x36
FVM - 70 (3-phase)	2.2Kw/ 3Hp	415	50	20	Iron Smooth	55x24x36

VIBTEC



VIBTEC AIR VIBRATOR

The VIBTEC V600 range of pneumatic concrete pokers is of high performance immersion vibrators of simple precision construction Engineered with minimum moving parts and no bearings, these vibrators supplements our existing range and include the following features:

- ✓ High efficiency
- ✓ Range of 5 sizes
- ✓ Standard in-line lubricator
- ✓ Maintenance free rotor
- ✓ Simple value operation
- ✓ High competitive cost

Model		V635	V645	V655	V665	V675
Vibration Head	(Dia. x Length)	35mm x 4m	45mm x 4m	55mm x 4m	65mm x 4m	75mm x 4m
Vibration Frequency	(vpm)	18,000	17,000	17,000	18,000	18,000
Centrifugal Force	(n)	1924	3500	6050	9301	14851
Free Air	(l/min)	608	736	820	1018	1218
Total Weight	(kgs)	6	8	9	10	15
Rad. of Effectiveness	(cm)	20	25	38	44	50

*Made In England**



FEATURES

- ✓ Pump body is made of aluminium alloy. Extremely light in weight and easy for transportation.
- ✓ No Priming required. Good for drainage of muddy water.

SPECIFICATIONS

Model		SP3	FP3
Discharge Diameter	(mm)	80 (3")	
Max Water Head & Capacity	(lit/min)	25m 1,250	
Flexible Shaft	(Dia.x Length)	13mm x 6mm	
Weight	(kg)	28	

FUJI®

PADDY PUMP



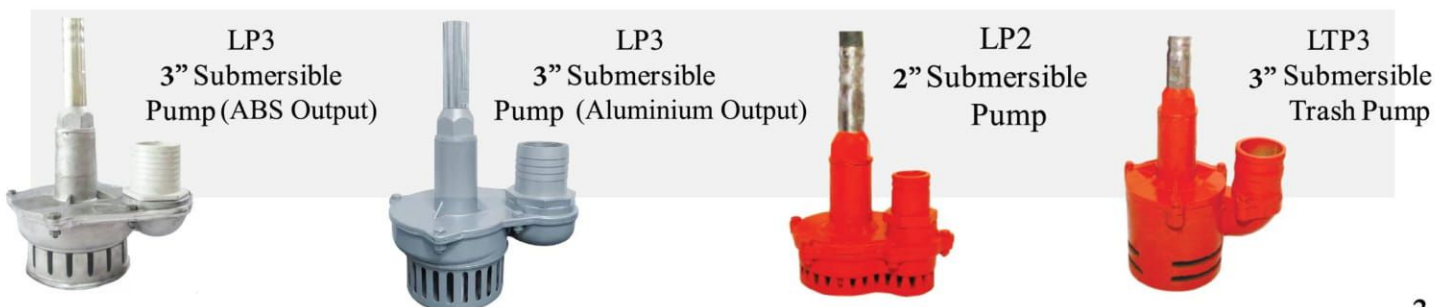
FEATURES

- ✓ Widely used in paddy field/ construction site to deliver water.
- ✓ Large volume of water can be delivered.

SPECIFICATIONS

Model: FPP6	3M	5M
Diameter of connector	145mm(5"6)	
Max capacity	95m ³ /h	
Max discharge head	6m	
Outer Dia of Rubber hose	32mm	
Diameter of Flexible Shaft	13mm	

TYPE OF SUBMERSIBLE PUMPS



RB20-AS


c/w Frame, Housing & Coupling

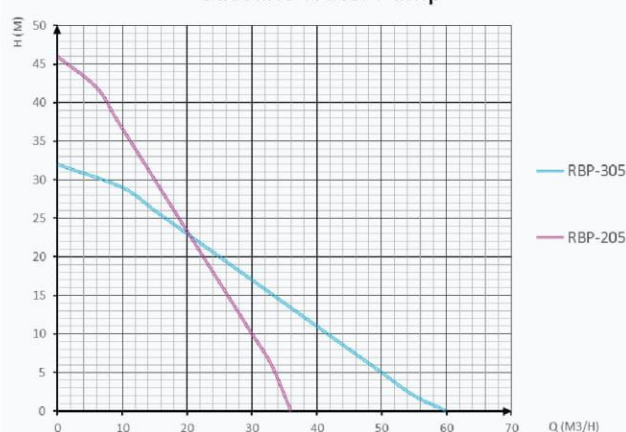
Gasoline Engine

Model	RB20-AS	
Starting System	Recoil Starter	
Bore x Stroke	(mm)	67 x 52
Displacement	(cc)	183
Engine Speed	(rpm)	4000
Max. Output	(hp)	5.0
Continuous Output	(hp)	3.5
Lube Oil Capacity	(L)	0.6
Fuel Tank Capacity	(L)	3.8
Dimension (H x W x L)	(mm)	380 x 370 x 425
Net Weight	(kg)	15

GASOLINE WATER PUMP


RBP-205

Gasoline Water Pump


Gasoline Water Pump

Model		RBP-205	RBP-305
Inlet	(inch)	2	3
Outlet	(inch)	2	3
Max. Capacity	(m³/hr)	36	60
Max. Discharge Head	(m)	46	32
Max. Suction Head	(m)	8	8
Engine Model		RB20-AS	RB20-AS
Fuel Tank Capacity	(L)	3.8	3.8
Dimension (H x W x L)	(mm)	495 x 380 x 440	495 x 380 x 440
Net Weight	(kg)	21.6	23.5

BAR BENDER

FEATURES

- ✓ Compact in structure, simple operation by only feeding bars and pedaling a treadle
- ✓ Bending angle is always constant & accurate by use of fulcrum roller
- ✓ Bending of steel bar can be preset and change from 0° to 180°
- ✓ Bending head of the machine can be reset gradually & automatically after steel bar is bent



SPECIFICATIONS

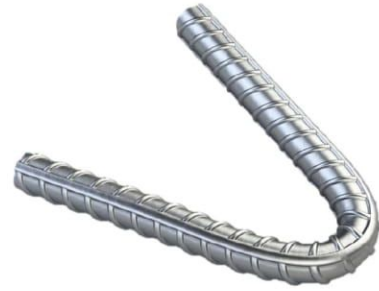
Model	FBB32		FBB42		FBB50		FBB65
Tensile Strength of Steel bar (N/mm2)	< 450		< 450		< 450		< 450
Bending Rate (rpm)	10.2 ~ 19.7		10.2 ~ 19.7		5.9		12.1 ~ 17.6
Diesel Engine	RV70	RD90N	RV125	AM140	RV125	AM140	RV165
Rate Output (hp)	7.0	9.0	12.5	14.0	12.5	14.0	16.5
Engine Speed (rpm)	2400		2400		2400		2400
Fuel Tank Capacity (L)	7.5	10.0	9.5	11.0	9.5	11.0	11.0
Dimensions (H x W x L) (mm)	1250x1035x860		1450x1050x1000		1450x1050x1000		1450x1270x1020
Weight (kg)	765+68	765+88	950+105	950+114	1080+105	1080+114	1208+132



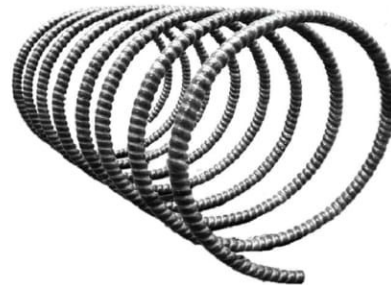
BAR CUTTER

SPECIFICATIONS

Model	FBC35		FBC42		FBC65
Tensile Strength of Steel bar (N/mm2)	< 450		< 450		< 450
Cutting Frequency (time/min)	40		40		50
Diesel Engine (Vikyno/Kubota/Fuji)	RV70	RD90N	RV125	AM140	RV165
Rate Output (hp)	7.0	9.0	12.5	14.0	16.5
Engine Speed (rpm)	2400		2400		2400
Fuel Tank Capacity (L)	7.5	10.0	9.5	11.0	11.0
Dimensions (H x W x L) (mm)	1330 x 640 x 790		1450 x 640 x 790		1680 x 650 x 850
Weight (kg)	680 + 68	680 + 88	815 + 105	815 + 114	1020+132


**RING
BENDER**

SPECIFICATIONS

Model	FRB19	
Engine Model	RV70	RD90N
Working Capacity (Max. Bar Dia.) (mm)	20	
Steel Bar Tensile Strength (N/mm ²)	450	
Dimension (H x W x L) (mm)	850 x 850 x 1050	
Weight (kg)	290 + 68	290 + 88


**SPIRAL RING
BENDER**

SPECIFICATIONS

Model	FSRB16				FSRB20			
Max Bar Diameter (mm)	Ø16				Ø19			
Main Roller Diameter (mm)	125				150			
Diesel Engine	RV70	RD90N	LA178FA	L70	RV70	RD90N	LA178FA	L70
Rated Output (hp)	7.0	9.0	6.0	6.0	7.0	9.0	6.0	6.0
Engine Speed (rpm)	2400		3600		2400		3600	
Fuel Tank Capacity (L)	7.5	10.0	3.5	3.5	7.5	10.0	3.5	3.5
Dimension (H x W x L) (mm)	850 x 850 x 860				1035 x 1040 x 820			
Steel Bar Tensile Strength (N/mm ²)	450				450			
Weight (kg)	188 + 68	188 + 88	188 + 33		365 + 68	365 + 88	365 + 33	



Model	FTR - 75	
Engine Model	Robin EH12-2D	Robin EY20
Engine Power (hp/rpm)	4.0/4000	5.0/4000
Fuel Tank Capacity (L)	2.8	2.8
Starting System	Recoil Starter	
Impact Force (kn)	14	
Percussion Rate (1/min)	640-680	
Jumping Stroke (mm)	40-80	
Forward Speed (m)	10-13	
Bottom Plate Size (mm)	340 x 285	
Operation Weight (kg)	80	
Package Weight (kg)	93.0	
Package Size (mm)	770 x 510 x 1095	

FEATURES

- ✓ Specifically designed for Robin EH12-2D 4- stroke petrol engine.
- ✓ Build to with stand rammer vibration for improved reliability and durability. A heavy duty throttle control provides more reliable and longer service.
- ✓ Rammer shoe made of steel plate with wooden insert offers economical usage.
- ✓ High quality bellow (Germany) enhances more compacting force. Offer a reliable lubricating system.
- ✓ NSK bearing.
- ✓ EH-12 have special double filter.



SPECIFICATIONS

Model	FPT436
Rotor Diameter (mm)	920
Finish Blade (mm)	350 x 150
Trowel Speed (rpm)	(60 - 130)
Weight (kg)	75

TYPE OF ENGINE

Gasoline Engine	EY20(5.0hp) / RB20-AS (5.0hp)
Diesel Engine	LA170 (4.2hp)
Continuous Output	350 x 150 / 350 x 150
Dimension (H x W x L) mm	510 x 420 x 1020

FEATURES

- ✓ Quality components tested for heavy trowelling.
- ✓ Precision machined, sealed oil-bath lubrication system.
- ✓ Chrome tubular rings heavy gauge steel.
- ✓ Centrifugal safety switch.
- ✓ Stainless steel blade.
- ✓ Option to use Diesel Engine LA170.



Local Power Trowel Blades



FUJI Power Trowel Blades
(Model: FPT - 436)

FSDR500


Model	FSDR500 (SINGLE DRUM)
Engine (Gasoline)	HONDA GX160
Power (hp)	5.5
Starting Mode	Manual Starting
Travel Speed	3.0 km/h
Vibration Frequency (VPM)	4200
Centrifugal force (kn)	15
Water Tank Capacity (L)	24
Drive Type	Static Hydraulic Type
Vibration Type	Mechanical
Steering Model	Mechanical Steering
Gradeability	30°
Drum Size	425 x 600
Dimension (L x H x H) (mm)	1040 x 910 x 1190
Net Weight (kg)	263

Model	FDDR1000 (DOUBLE DRUM)
Engine (Diesel)	Golden Flying Fish RD90N-1
Power (hp)	7.9
Starting Mode	Crank & Electric Start
Travel Speed	4.0 km/h
Vibration Frequency (VPM)	3300
Centrifugal force (kn)	23.5
Water Tank Capacity (L)	44
Drive Type	Hydraulic type
Vibration Type	Mechanical
Steering Model	Mechanical steering
Gradeability	27°
Drum Size (mm)	400 x 650 (2)
Dimension (L x H x H) (mm)	1550 x 870 x 1950
Net Weight (kg)	632

FDDR1000

FPT136


Model	FPT136
Engine Types (Gasoline)	ROBEN S RB20AS /ROBIN EY20 / HONDA GX160
Power (hp)	5.5
Rotor Diameter (mm)	910
Width Of Guard Ring (mm)	1007
Finish Blade (mm)	350 x 150 (4 Blades Included)
Ratio Of Gear Box	30:1
Packing Dimension (L x H x H) (mm)	1020 x 1020 x 340
Weight (kg)	78

Model		FCC150	FCC200
Cutting Blade Size	(mm)	350 - 450	450 - 600
Max. Cutting Depth	(mm)	150	200
Water Tank Capacity	(L)	35	40
Depth Adjustment		Handle Rotation	
Drive Mechanism		Manual Push	
Dimension (L x W x H)	(mm)	990 x 620 x 1000	1100 x 620 x 1030
Net Weight	(kg)	129	136

TYPE OF ENGINE

Gasoline Engine	LT460 (18.0hp)/ SC460 (16.0hp)/ GX390 (13.0hp)
Diesel Engine	LA186 (10.0hp) / LA292FIE (22.9hp)

FEATURES

- ✓ Ability to cut concrete and asphalt easily.
- ✓ Operation efficiency is enhanced by powerful air cooled Diesel Engine / Gasoline Engine.
- ✓ Packaged with high quality diamond cutting blade.
- ✓ Comfortable handle grip. Easy crank for raising or lowering cutting depth.
- ✓ Large water tank provides good water flow to the blade.


FCC150 C/W SC460FBQ

FCC200C/W LA292FIE


(2 Blades)

SPECIFICATIONS

Model		FC60	FC80
Centrifugal Force	(kn)	12	15
Vibration Frequency	(vpm)	5,488	5,488
Compaction Depth	(cm)	30	35
Travel Speed	(m/min)	0 - 25	0 - 20
Efficiency	(m²/h)	525	445
Plate Size	(mm)	520 x 350	520 x 420
Net Weight	(kg)	66	80
Noise Level	(dB)	104	104

TYPE OF ENGINE

Gasoline Engine	EY20(5.0hp) / RB20-AS (5.0hp)
Diesel Engine	LA170 (4.2hp)
Continuous Output	350 x 150 / 350 x 150
Dimension (H x W x L) mm	520 x 420 x 1020

FEATURES

- ✓ Heavy duty shock absorber reduces vibration to the upper engine and handle.
- ✓ Engine equipped with "cyclone filter" for efficiency
- ✓ Powerful compaction. High degree of manoeuvrability.
- ✓ Adaptable to various kinds of soils.
- ✓ Easy operation and low maintenance.

FC60

FC80


FUJI GENERATOR (Powered by Senci Weatherproof Alternator)
(1) Model FG2600


AC max output (KW): 2.0
AC rated voltage (V): 240
Frequency: (Hz): 50
Voltage adjustment: AVR

Options of engines to be assembled with the above alternator:

No	Brand	Model	Fuel	Max. Output (hp)	Fuel Tank Capacity (lit)	Total Net Weight (kg)	Dimension (mm) (L)x(W)x(H)	Starting System
1.1	Honda	GX160	Gasoline	5.5	3.1	33	580 x 430 x 415	Recoil
1.2	Roben S	RB20-AS	Gasoline	5.0	3.8	34	580 x 425 x 460	Recoil

FUJI GENERATOR (Powered by Sincro alternator of Italy)
(4) Model FG8500


Alternator Model: EK2LAA
AC max output (KVA): 6.0
AC rated voltage (V): 230
Frequency: (Hz): 50
Voltage adjustment: AVR

Options of engines to be assembled with the above alternator:

No	Brand	Model	Fuel	Max. Output (hp)	Fuel Tank Capacity (lit)	Total Net Weight (kg)	Dimension (mm) (L)x(W)x(H)	Starting System
2.1	Honda	GX390	Gasoline	13.0	6.1	77	865 x 535 x 600	Recoil



Model: ARC300DC
Speed (rpm): 3000
Welding Current DC (A): 30/300
Strike Voltage (V): 75
Welding Voltage (V): 21.2/32
Driving Power KW (hp): 15(20)
Duty: 300A (35%); 250A (60%)
Power Output (KVA): 6 (Single Phase)
Voltage (V): 230
Current (A): 13.0
Frequency (Hz): 50
Welding Electrode Size: 5.0mm

Options of engines to be assembled with the above alternator:

No	Brand	Model	Fuel	Max. Output (HP/rpm)	Fuel Tank Capacity (lit)	Total Weight (kg)	Diamension (mm) (L) x (W) x (H)	Starting System
7.1	Vikyno	EV2600-NB	Diesel	20/2200	16.0	379	1450 x 635 x 865	Electirc
7.2	Launtop	LA292	Diesel	22.9/3000	12.5	271	1450 x 635 x 865	Electirc


EK2MCT
FK2MES
ARC 300 DC

	Generator		Welder
Alternator Model	EK2MCT	FK2MES	ARC300DC
Speed (rpm)	3000	3000	3000
AC Max Output (Kva)	6.0 (1 Phase)	10 (1 Phase)	6.0 (1 Phase)
AC Rated Voltage (V)	115/230	115/230	115/230
Current (A)	52.2/26.1	87/43.5	52.2/26.1
Frequency (Hz)	50	50	50
Voltage Adjustment	Condenser	Condenser	Condenser

MRH-601DS

Mikasa vibration roller use hydraulic pump and hydraulic motor drive systems for precise navigation and easy maintenance. Standard equipment: Front safety bumpers, working of light, plastic water tank, center cover, deadman safety lever, hydraulic oil and fuel gauge.



Model	Dimensions	Drum Size	Vibrating Frequency	Centrifugal Force	Traveling Speed	Limited Gradeability	Water Tank (lits)	Power Source
MRH-601 DS (Water cooled)	H : 1,195mm W : 692mm L : 2,265mm WT: 551kg	Dia : 355mm Width : 650mm	55Hz (3,300V.PM)	10.8kN (1,100kgf)	0-3km/h	35%	30	Kubota diesel EA330 electric start max.output 4.6kW(6.3PS)

REVERSIBLE COMPACTOR

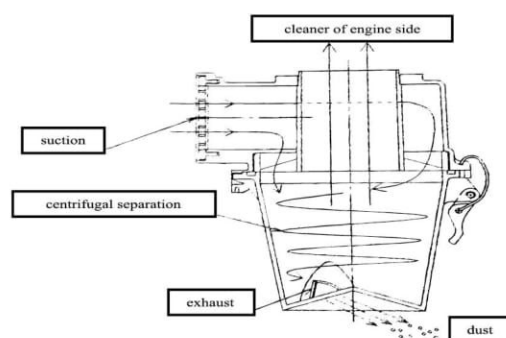
MVH-308DSC



Cyclone Cleaner



Cover Open

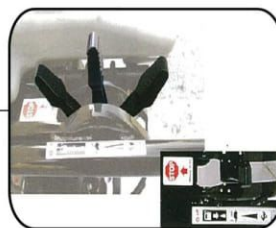


FEATURES

- ✓ Models equipped with diesel engines are silent-type reversible compactors installed with sound absorbing materials in the guard frame. (MVH-150D through MVH-502DSB)
- ✓ All models comply with the EU Noise Emission Directive 2005/88/EC (2004/14/EC)

Model	Dimensions	Plate Size	Weight	Vibration Frequency	Centrifugal Force (max)	Max. Traveling Speed	Limited Gradeability (max)	Power Source
MVH-308DSY	H: 1030mm L: 1540mm	W: 445mm (595mm) L: 860mm	341kg	73Hz (4,400V.P.M)	45.0kN (4,600kgf)	27m/min	35	Yanmar L70N diesel (electric start) max.output 4.9kW (6.7PS)

Construction Equipment



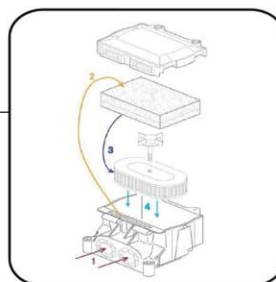
Throttle Lever

The newly designed throttle lever interlocks with the fuel cock and engine stop switch, enabling operation idling and stopping by one lever operation.



Original Hour Meter

(hour of operation) and Tachometer (engine rpm) as standard



Air Cleaner

A completely redesigned large, twin cyclone air cleaner has 3 times the dust holding capacity (DHC) of previous designs and significantly will increase engine life.

Model	Dimensions	Plate Size	Jumping Stroke	Impact Force	Impact Number Per Min.	Fuel Tank Capacity (lits)	Power Source
MTX-70	H : 1,027mm W : 350mm L : 788mm WT: 75kg	W1 : 285mm L1 : 340mm	50-80mm	14.9kN (1,520kgf)	644-695	2.5	Subaru ER12 gasoline, max.output 2.6kW(3.5PS) 4 stroke petrol (gasonline)
MT-76D	H : 1,010mm W : 410mm L : 740mm WT: 82kg	W1 : 285mm L1 : 340mm	50-80mm	15.7kN (1,600kgf)	656-698	3.3	Yanmar L48N max.output 3.5kW(4.7PS) air-cooled diesel engine

POWER TROWEL



MPT-36B



Blade Set (4pieces)



Round Plate (Optional)

Model	Dimensions	Trowel Diameter	Blade Dimension	Trowel Speed	Power Source
MPT-36B	H : 810mm W : 1,010mm L : 1,610mm WT : 74kg	910mm	L : 345mm W : 205mm	50-100 r.p.m	Robin EX 17D max.output 4.2kW(5.7PS) (gasonline)



GH-38S

Model	Vib.Head Dia. x Length	Rubber Hose Length	Rubber Hose Dia.	Flexible Shaft Dia.	Amplitude	Vibration	Shaft Set Weight
GH-38S	38 X 480mm	6m	31mm	9.5mm	1.8mm	150-208Hz (9,000-12,500V.P.M)	6m 15.7kg
GH-45S	45 X 494mm	6m	31mm	9.5mm	2.0mm	150-208Hz (9,000-12,500V.P.M)	6m 17.4kg
GH-62S	62 X 479mm	6m	32mm	12.7mm	2.4mm	150-208Hz (9,000-12,500V.P.M)	6m 23.5kg

PORTABLE CONCRETE VIBRATOR

UM-F28 UM-ZF100



There are Air Vents on the Grip side of UM-motor.
This structure prevents an invasion of concrete

FEATURES

- ✓ Improved hand arm vibration by separate design for motor and handle
- ✓ Improved durability for switch cover and switch lock cover
- ✓ New Handle Grip lighten the burden
- ✓ Easier maintenance by separate design for cord and cord protector
- ✓ Anti vibration rubber isolator for easy removal and maintenance of head/board
- ✓ UM-ZF100A is for external vibration, ideal for construction of walls, pillars, etc.

Model	Vib.Head Dia. x Length	Vibration Board Size	Vibration	Power (Single Phase)	Weight (kg)
UM-ZF100	-	100(W) x 78(T)	166Hz-200Hz (10,000-12,000 V.P.M)	output:280W	5.2
UM-F28	28 x 770mm	8mm	200Hz-258Hz (12,000-15,500 V.P.M)	output:280W	4.7
MGX-38	38 x 780mm	8mm	200Hz-285Hz (12,000-15,500 V.P.M)	output:280W	5.1

FC - 401



FX - 40G



FREQUENCY & VOLTAGE CONVERTER

Model	Dimensions (mm) HxWxL	Input (V)	Input (A)	Input (KVA)	Input (Hz)	Output (V)	Output (A)	Output (KVA)	Output (Hz)	Number Of Outlets	Weight (kg)
FC-401	553 x 540 x 643	380 (3 phase)	10.4	6.83	50/60	48	48	4.0	200-240	3	80

HIGH CYCLE CONCRETE FREQUENCY VIBRATOR

Model	Vib.head dia. x length	Rubber Hose (m)	Voltage (V)	Cycle (Hz)	Input (KVA)	Amplitude (mm)	Vibration	Cable Length (m)	Weight (kg)
FX-40G	43 x 396mm	4 or 6m	48	220/240	0.49	1.5	200Hz/240Hz (12,000/14,400 V.P.M)	15	12.0/13.7

WE ARE PROFESSIONAL GENERATOR
SC2500

SC9000E/3

SC10000E-III

SC13000E/3

 Special single/three
phase converter


32 amp safety socket


 Weatherproof
Alternator


100% Copper



Large Fuel Tank



Patented FH Muffler

SPECIFICATION

Model	SC1250-III	SC2500-III	SC4000-III	SC8000E-III	SC9000E/3	SC10000E-III	SC13000E/3
Engine Model	SC156F(3HP)	SC168FB(6.5HP)	SC230 (7.5HP)	SC190FD(14HP)	SC460 (16HP)	SC460(16HP)	2V78F(24HP)
Starting System	Recoil			Recoil / E-start			E-start
Displacement (cc)	98	196	223	420	459	459	688
Compression Ratio	8.5:1	8.5:1	8.5:1	8.5:1	8.5:1	8.5:1	8.5:1
Rated Frequency (Hz)	50						
Rated / Max. Power (Kw)	0.8 / 1.0	2.0 / 2.2	3.2 / 3.5	6.5 / 7.0	7.0 / 8.0	7.0 / 8.0	10 / 11
Rated Voltage (V)	240	240	240	240	240 / 415	240	240 / 415
Fuel tank capacity (L)	6	15	15	25	25	25	30
Fuel Consumption (100% load)	0.78 L/H	0.928 L/H	2.4 L/H	3.74 L/H	3.95 L/H	4.16 L/H	5.325L/H
Full Load Continuous Running Time (h)	8.0	9.5	9.5	8.5	8.0	8.0	11.0
1/2 Load Continuous Running Time (h)	12.5	12.5	14.0	13.0	8.5	7 .0	13
Noise Level @ 7m dB.(A)	<97	<98	<98	<100	<100	<100	<98
Dimension (H x W x L) (mm)	510 x 390 x 450	620 x 490 x 530	620 x 490 x 530	725 x 550 x 610	725 x 550 x 610	725 x 550 x 610	990 x 660 x 940
Net weight (kg)	28	42	50	88	90	94	215

SC-1400i

SC-2000iL

SC-3200iY

SC-4000i

SC-6000iY

SC-8000i


FEATURES

- ✓ Lightweight, minimized size & super quiet inverter.
- ✓ Economy system; electronic speed control function; fuel costs can be saved
- ✓ Inverter technology for clean power; THD <3%
- ✓ Parallel Operation Function (Optional)

Optional: Parallel Kit



Inverter Generator						
Model	SC-1400i	SC-2000iL	SC-3200iY	SC-4000i	SC-6000iY	SC-8000i
Engine Model	SH60B	AP149F	AP170F	SV230	SV275	SC460
Starting System	Recoil Start	Recoil Start	Recoil Start	Recoil Start/E-Start	Recoil Start/E-Start	Recoil Start/E-Start
Displacement (cc)	60	80	223	223	274	459
Compression Ratio	9:1	8.5:1	8.5:1	8.5:1	8.5:1	8.5:1
Rechargeable Battery Function	No	No	No	Yes	Yes	Yes
Rated Frequency (Hz)	50	50	50	50	50	50
Rated Power (Kw)	1.1	1.6	3.0	3.5	5.0	7.0
Max. Power (Kw)	1.2	1.8	3.2	4	5.5	8.0
Rated Voltage (V)	220	240	240	240	230	240
Fuel tank capacity (L)	2.5	4	12	12	18	16
Fuel Consumption (100% load)	0.83 L/H	1 L/H	1.98 L/H	2.4 L/H	2.7 L/H	4.5 L/H
Full Load Continuous Running Time (h)	3.0	4.0	7.0	5.0	6.5	6.5
1/2 Load Continuous Running Time (h)	5.0	6.0	12.0	10.0	13.0	13.0
Noise Level @ 7m dB.(A)	<68	<61	<68	<60	<72	<63
Dimension (H x W x L) (mm)	430 x 252 x 400	530 x 315 x 490	555 x 475 x 480	725 x 535 x 555	610 x 495 x 460	720 x 575 x 665
Net weight (kg)	12	21	35	57	52	100

SC 130A
SC 200AE
SCAXQ1-250A

Welder Generator

Model		SC-130A	SC-200AE	SCAXQ1-250A
Engine	Engine	SV230	SC420	SC460
	Starting System	Recoil	Recoil/Electric	Recoil/Electric
	Displacement (cc)	223	420	459
	Fuel tank capacity (L)	3.6	18	18
	Fuel Consumption 100% load	2.5 L/H	2.5 L/H	3.85 L/H
Welding	Current range (A)	DC50-130	DC50-200	DC50-240
	Rated load voltage (V)	DC22 - 25.2	DC22 - 28	DC22 - 29.6
	Rated None-load voltage (V)	DC60	DC75	DC80
	Loading Ratio	60%		
	Speed (rpm)	3600	3000	3600
	Electrode (mm)	1.6-3.2	1.6 - 4.0	1.6 - 5.0
Generator	Rated Voltage (V)	240	240	240
	Rated Frequency (Hz)	50	50	50
	Rated Power (Kw)	2.0	5.0	2.0
	Max. Power (Kw)	2.5	5.5	2.2
	Voltage Control	AVR	AVR	MDS
Noise Level @ 7m dB.(A)		< 92	< 98	< 98
Dimension (H x W x L) (mm)		610x 470x 480	780 x 545 x 632	780 x 545 x 632
Net weight (kg)		53	98	78

SCWP50

WATER PUMP
SCHCP-20

HIGH PRESSURE CAST IRON PUMP
SCHP50-2

**HIGH PRESSURE LIFT PUMP
(DOUBLE IMPELLER)**
SCHP80

HIGH PRESSURE LIFT PUMP
FEATURES

- ✓ Pump body made of light-weight but strong die-casted aluminium alloy.
- ✓ Cast iron volute and impeller.
- ✓ High flow capacity & high quality ceramic mechanical sealing.
- ✓ Widely used in gardening, irrigation, building firefighting, constructions and other water supplying fields.

Water Pump	SCWP 50	SCWP 80	SCHP50-1	SCHP50-2	SCHP 80	SCHCP-20	SCHCP-30
Engine Model	SC230	SC230	SC230	SC230	AP190F	SC230	SC460
Starting System	Recoil/E-Start		Recoil				
Displacement (cc)	223				420	223	459
Bore x Stroke (mm)	70 x 54		70 x 58		88 x 64	70 x 58	92 x 69
Suction Port Diameter (mm)	50	80	50		80	50	80
Discharge Port Diameter (mm)	50	80	50		80	50	80
Total Head Lift (m)	25	26	50	80	65	75	90
Pump Discharge Capacity (m³/h)	30	60	29	18	50	24.6	44
Suction Head (m)	7						
Rared Speed (rpm)	3600						
Oil Capacity (L)	0.6				1.1	0.6	1.1
Fuel Tank Capacity (L)	3.6				6.5	3.5	5.5
Fuel Consumption (100% load) (g/hp.hr)	2.12 L/H		2.3 L/H		3.8 L/H	2.3 L/H	3.9 L/H
Dimension (H x W x L) (mm)	490 x 405 x 400	520 x 405 x 415	500 x 400 x 400	500 x 400 x 400	620 x 480 x 535	475 x 455 x 440	515 x 445 x 450
Net Weight (kg)	26	28.5	28	28.5	45	27	57

SC230RQ

SC230BRQ

SC230

SC460FBQ

SC460BRQ


FEATURES

- ✓ High speed, high power, compared with the same displacement product comprehensive power increase by 5%
- ✓ Special high - revolution spark plug to ensure stronger discharge and improve ignition capability
- ✓ The high performance ignition coil provides the spark plug with greater energy and is easy to ignite at both high and conventional speeds
- ✓ Change the mixture ratio of fuel and air so that the fuel is fully burnt

Gasoline Engine	SC230RQ	SC230BRQ	SC230	SC460FBQ	SC460BRQ
Engine Type	Single Cylinder ; 4 Stroke ; Forced Cooling OHV				
Starting System	Recoil start	Recoil start	Recoil/E-Start	Recoil/E-Start	Recoil start
Compression Ratio	8.5 : 1	8.5 : 1	8.5:1	8.5 : 1	8.5 : 1
Horse Power (HP)	7.5	7.5	7.5	16.0	16.0
Dispalcement (cc)	223	223	223	459	459
Max. Output (Kw/rpm)	5.0/1800	5.0/4800	5.0/3600	9.8/3600	10.5/4200
Max. Torque (N.m/rpm)	12.5/2800	12.5/2800	14.0/2500	29.0/2500	29.0/2800
Ignition Type	T.C.I				
Fuel Cunsumption (100% load) (g/hp.hr)	≤374g/kw.h	≤374g/kw.h	2.07 L/H	2.75 L/H	≤370g/kw.h
Fuel Tank Capacity (L)	3.6	3.6	3.6	6.5	5.5
Oil Capacity (L)	0.55	0.55	0.6	1.1	1.1
Dimension (H x W x L) (mm)	376 x 320 x 340	376 x 320 x 340	370 x 310 x 360	490 x 400 x 450	470 x 420 x 445
Net Weight (kg)	16	16	16	31	33

SCEPW1900C

SCEPW2900A

SCPW3500

SCPW4200

FEATURES

✓ Professional triplex pump for long time use

✓ Auto Stop Function

Model (Electric)	SCEPW1900C	SCEPW2900A (THREE PHASE)
Max. pressure (PSI/BAR)	1900/131	2900/200
Working pressure (PSI/BAR)	1500/103.4	2600/179.3
Max flow (L/min)	13	12
Motor (kW)	2.5	4
Voltage (V)	240	380
Pump Type	Triplex pump KHM15.14.C28	Triplex pump KH18.10C28
Power cord	copper wire	copper wire
Hose	10M	10M
Nozzle	0°, 15°, 25°, 40°	0°, 15°, 25°, 40°
Wheel	9 inch plastic wheel	9 inch plastic wheel
Dimension (L x W x H) (mm)	670 x 525 x 460	695 x 560 x 480
Net weight (kg)	43	47

Model	SCPW3500	SCPW4200
Engine Model	SC230(7.5HP)	SC460 (16HP)
Starting System	Recoil Start	
Displacement (cc)	223	459
Bore x Stroke (mm)	70 x 58	92 x 69
Compression Ratio	8.5:1	8.5:1
Pump Type	Triplex pump BTLN Copper	Triplex pump AR Copper
Max. Pressure (PSI/BAR)	3500/241.3	4200/289.6
Hose	10M	10M
Rated Flow (L/min)	10.6	14.5
Working Speed (rpm)	3350-3550	3350-3600
Fuel Consumption (100% load)	2.55L/H	3.75 L/H
Dimension (L x W x H) (mm)	590 x 540 x 595	770 x 600 x 645
Net Weight (kg)	35	56



FEATURES	SPECIFICATIONS
✓ Low noise at 70dBA at 7m ✓ Minimal vibration & smooth running ✓ Large efficient muffler reduces sound ✓ 8 hours continuous running without fuel top-up ✓ Universal wheels allow easy movement ✓ Concealed generator, elegant appearance ✓ Lighting continuously up to 10 hours ✓ Console box for electrical wiring ✓ Top open-up bonnet (to back-up starting motor) ✓ Additional 16 amp safety socket ✓ Explosive Wheel ✓ Earth-leakage circuit breaker (ELCB)	• Generator Model: Launtop LDG6000S • Frequency (HZ): 50/60 • Rated AC Output (kW): 4.5/5.0 • Maximum AC Output kW: 5.0/5.5 • Voltage (V): 110-240 • D.C Output (V-A): 12/8.3 • Dimension (L x W x H) (mm): 910 X 540 X 740 • Engine Model: LA186FAFG • Starting System: Electric • Fuel Tank Capacity (lit): 16 • Lamp: Metal Halide 400W x 4 • Bulb Life Span: 8,000 hours • Lamp Frame Extension (mm): 2300 - 4300 (7'7" - 14'3") • Net Weight (kg): 295



DEEP SEA
DIGITAL CONTROLLER

Features	Advantages
Combined type design to facilitate the installation	Customized according to customer demand
All-steel shell with external coating of galvanized phosphoric acid	Corrosion resistant wall
Water proof and dust proof enclosure sealed design	Rain and dust are difficult to enter
Good cooling system and full exhaust and heat elimination	Reduce the noise without affecting the unit power
Rigorous factory test	Quality assurance
Small size and beautiful appearance	Convenient unit transport with high safety
Complete accompanying data	Convenient installation, operation and maintenance

Silent Generator				
Model	LG18YD	LG27LE	LG44LE	LG66CS
Engine Model	YND485G	4JB1	4JB1TA	Cummins 4BTA3.9G2
Alternator Model	Leega	Leega	Leega	Stamford
Number of Cylinder / Engine (pcs / Kw)	4 / 18	4 / 26	4 / 40	4 / 64
Rated Speed / Frequency (rpm/Hz)	1500/50			
Rated Output (kW/KVA)	13/16	20/25	32/40	48/60
Standby. Output (kW/KVA)	14/18	22/27	35/44	53/66
Rated Voltage (V)	240 / 415			
Phase And Wire	3 Phase & 4 Wire			
Rated Power Factor	0.8 (Lagging)			
Maximum Output Current (A)	27	41	66.8	100
Fuel tank capacity (L)	60	90	90	220
Fuel Consumption (L/hr)	3.5 (100% load)	5.6 (100% load)	8.96 (100% load)	14.7 (100% load)
Lub Oil Capacity (L)	6	5.5	5.5	9.5
Voltage For Start (V)	12	12	12	24
Noise Level @ 7m dB(A)	≤ 70			
Dimension (L x W x H) (mm)	2100 x 900 x 1300	2100 x 900 x 1300	221 x 910 x 1300	2500 x 1100 x 1800
Net weight (electric) (kg)	785	808	870	1600

LA186

LA192

LA292FIE

Oil Cooler Design (Twin Cylinder)


Diesel Engine

Model	LA170FA/E	LA178FA/E	LA186FA/E	LA192FI/E	LA292FIE
Bore x Stroke (mm)	70 x 57	78 x 64	86 x 72	92 x 75	92 x 80
Displacement (cc)	219	306	418	499	1064
Engine Speed (rpm)	3000/3600			3600	3000
Max. Output (hp)	3.8/4.2	5.5/6	8.5/9.5	11.2	22.9
Continuous Output (hp)	3.4/3.8	5.0/5.4	7.7/8.6	10.2	20.8
Lube Oil Capacity (L)	0.75	1.1	1.65	1.65	3
Fuel tank capacity (L)	2.5	3.5	5.5	5.5	7
Dimension (H x W x L) (mm)	332x392x416	383x421x450	417x441x494	417x441x501	625x580x615
Net Weight (kg)	26	32	44	47	84

LT 210

LT 225

LT460FE

Gasoline Engine

Model	LT210	LT225	LT460F/FE
Bore x Stroke (mm)	70x55	70x58	90x66
Displacement (cc)	212	223	420
Engine Speed (rpm)	3600	3600	3600
Max Output (hp)	7.5	8	18
Continuous Output (hp)	5.5	5.9	12.74
Lube Oil Capacity (L)	0.55	0.55	1.1
Fuel Tank Capacity (L)	3.6	3.6	6.5
Dimension (L x W x H) (mm)	405x350x390	405x350x390	510x435x495
Net Weight (kg)	16	16.5	31

LDF80CLE

Diesel High Pressure Pump


LDTP80CE

Diesel Iron Pump


LDP100C

Diesel Water Pump


FEATURES

- ✓ Quality pump kit with thicker material
- ✓ CE Approved

- C = Manual, Small Fuel Tank
- CL = Manual, Big Fuel Tank
- CLE = Electric, Big Fuel Tank
- CLE-2 = Electric, Big Fuel Tank (Twin Impeller)

Diesel Water Pump				
Model		LDP50C/CL	LDP80C/CL	LDP100C/CLE
Inlet (inch)		2	3	4
Outlet (inch)		2"x 1	3"x 1	4"x 1
Max. Capacity (m3/hr)		30	60	75
Max. Discharge Head (m)		25	25	30
Self-priming Time (s/4m)		70	120	180
Max. Suction Head (m)		8	8	8
Engine Model		LA170FA	LA178FA	LA186FA
Fuel Tank Capacity (L)		2.5/12.5	3.5/12.5	5.5/12.5
Dimension (L x W x H) (mm)		475x400x500 475x455x615 (CL)	540x440x540 540x455x655 (CL)	645x475x605 645x475x725 (CL)
Net Weight (kg)		38/41	45/49	67/70

Diesel High Pressure Pump				Diesel Iron Pump
Model	LDF50C/CL/CLE	LDF50CLE-2	LDF80C/CLE	LDTP80CE-N
Inlet (inch)	2	2	3	3
Outlet (inch)	1"x2, 2"x1	1"x2, 2"x1	3"x1	3"x1
Max. Capacity (m3/hr)	28	20	40	50
Max. Discharge Head (m)	55	110	65	65
Self-priming Time (s/4m)	30	30	30	30
Max. Suction Head (m)	8	8	8	8
Engine Model	LA178FA	LA178FA	LA186FA	LA192FA
Fuel Tank Capacity (L)	3.5/ 12.5	12.5	12.5	5.5
Dimension (L x W x H) (mm)	540x440x540	570x520x690	645x475x605	545x475x605
Net Weight (kg)	45/47	47	62	72.5

FEATURES

✓ Quality pump kit with thicker material

LTP50C


Gasoline Water Pump			High Pressure Pump
Model	LTP50C	LTP80C	LTF50C
Inlet (inch)	2	3	2
Outlet (inch)	2"x1	3"x1	1"x2, 2"x1
Max. Capacity (m3/hr)	30	50	28
Max. Discharge Head (m)	25	25	55
Max. Suction Head (m)	8	8	8
Engine model	LT210	LT210	LT210
Displacement (cc)	208	208	208
Fuel tank capacity (L)	3.6	3.6	3.6
Dimension (L x W x H) (mm)	450x375x375	510x375x435	490x400x422
Net weight (kg)	24	25	27

8

LDWT150CLE


6" Diesel Trash Pump	
Model	LDWT150CLE
Inlet (mm/inch)	150/6
Outlet (mm/inch)	150/6
Max. Capacity (m3/hr)	160
Max. Discharge Head (m)	18
Max. Suction Head (m)	6
Engine Model	LA290F
Starting System	Electric
Max. Output (hp)	18.7
Displacement (cc)	954
Fuel Tank Capacity (L)	30
Dimension (L x W x H) (mm)	1000x660x880
Net Weight (kg)	1 0

Diesel Mud Pump

Model	LDMP80CLE	LDMP100CLE
Inlet (inch)	3	4
Outlet (inch)	3"x1	4"x1
Max. Capacity (M3/hr)	75	85
Max. Discharge Head (m)	22	22
Max. Suction Head (m)	8	8
Engine model	LA186FA	LA188FA
Displacement (cc)	418	474
Fuel tank capacity (L)	25	25
Dimension (L x W x H) (mm)	730x560x785	790x560x785
Net weight (kg)	100	110

LDMP100CLE


LDG3600CLE

LDG8500CLE

LDG6000S

LDG8500S


FEATURES

- ✓ LDG6000S: Equipped with double large efficient mufflers & sound proof canopy with low noise level of 70dBA@ 7m.
- ✓ Optional ATS control panel.

Diesel Generator					Silent Type	
Model	LDG2200CL	LDG3600CL / E	LDG6500CL / E	LDG8500CLE	LDG6000S	LDG8500S/S-3
Voltage (V)	240					
Frequency (Hz)	50					
Rate. & Max. AC output (kW)	1.7/1.9	2.7/3.0	4.5/5.5	6.0/6.5	5.0/5.3	6.0/6.5, 7.5/8.1
DC output (V)	12					
Engine model	LA170FAFG	LA178FAFG	LA188FAFG	LA192FBFGE	LA186FAFG	LA192FBFGE(S)
Engine speed (rpm)	3000					
Starting system	Manual	Manual/Electric	Manual/Electric	Manual/Electric	Electric	Electric
Fuel Consumption (g/kW h)	≤ 430	≤ 420	≤ 400	≤ 340	≤ 400	≤ 340
Fuel tank capacity (L)	12.5				16	
Lube Oil Capacity (L)	0.75	1.1	1.65	1.65	1.65	1.65
Displacement (cc)	211	296	474	499	474	499
Dimension (L x W x H) (mm)	610x450x500	680x455x545	740x475x590	740x475x650	900x520x700	1100x560x755
Noise level at 7M dB(A)	< 79	< 80	< 82	< 82	< 68	≤ 71
Net weight (recoil) (kg)	70	80	100	109	160	160

LDG12

LDG15

LDG12S


Oil Cooler



ATS control panel



FEATURES

- ✓ Well satisfy the demands of higher power, lower cost and environmental protection.
- ✓ LDG15: Newly upgraded alternator has $\leq 5\%$ harmonic distortion rate under full load.
- ✓ Equipped with double large efficient mufflers & sound proof canopy with low noise level of 70dBA@ 7m.
- ✓ Silent type 1 phase & 3 phase - build in ATS (Auto Transfer Swith) connector.
- ✓ Optional ATS control panel.

Twin-Cylinder Diesel Generator	Open Type				Silent Type	
Model	LDG12	LDG12-3	LDG15	LDG15-3	LDG12S	LDG12S-3
Voltage (V)	240	240/415	240	240/415	240	240/415
Frequency (Hz)	50					
Rate. & Max. AC output (kW)	10/11	12.5/13.75	12/13	15/16.5	10/11	12.5/13.75
DC output (V)	12					
Engine model	LA290		LA292		LA290	
Starting system	Electric					
Fuel Consumption (g/kW h)	≤350		≤310		≤350	
Displacement (cc)	954					
Engine Speed (rpm)	3000/3600		3000		3000/3600	
Oil capacity (L)	3					
Fuel tank capacity (L)	25				50	
Dimension (L x W x H) (mm)	910x578x800				1160x675x945	
Noise level at 7M dB(A)	<82				<70	
Net weight (kg)	190				295	

LT3800MX

LT10000MXE

LT2000IS

LT4000ISE


-  Super silent inverter ; low noise level
-  Lightweight and portable
-  Low fuel consumption
-  Minimal size and storage space can be saved
-  Parallel operation function (optional)

	Gasoline Generator					Gasoline Inverter	
Model	LT1200CL	LT2500MX	LT3800MX	LT7500MXE	LT10000MXE	LT2000IS	LT4000ISE
Voltage (V)	240						
Frequency (Hz)	50						
Rated & Max. AC output (kW)	0.9/1.0	2.0/2.3	3.2/3.5	6.0/6.5	7.5/8.0	1.8/2.0	3.6/4.0
DC output (V)	12						
Engine model (L)	LT154	LT210	LT225	LT420	GK460	GK801	GK225
Starting system	Recoil Start			Electric		Recoil Start	Electric
Fuel Consumption (g/kW h)	≤920	≤630	≤580	≤460	≤340	450	
Displacement (cc)	87	208	223	420	459	79	223
Engine Speed (rpm)	3000					3300/5000	2800/3600
Oil capacity (L)	0.4	0.6	0.6	1.4	1.4	0.35	0.55
Fuel tank capacity (L)	5	15	15	25	25	4	9
Dimension (L x W x H)(mm)	465x375x380	590x448x483	590x460x483	685x512x550	685x512x550	525x320x485	630x460x525
Noise level at 7M dB(A)	<65	<67	<69	<76	≤80	57	63
Net weight (kg)	27	38	50	77	87	22	42

LDW200ARNE

LTW250ANE


100% copper wire
transformer
Italy type c/w fan

FEATURES

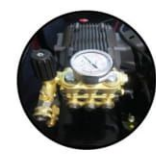
- ✓ Large fuel tank. ✓ LDW200ARNE: Equipped with Italy technology transformer.

		Diesel Welding Generator		Gasoline Welding Generator	
Model		LDW200ARNE	LDW250ANE	LTW200ARNE	LTW250ANE
Voltage / Frequency (V / Hz)		240 / 50			
Rate. & Max. AC output (kw)		4.5/5.0			
DC output (V)		12			
Welding Set	Rated No-Load Voltage (V)	62~68	71~79	62~68	71~79
	Operating Welding Voltage (V)	22~26	22~28	22~26	22~28
	Operating Current (A)	50~150	50~200	50~140	50~200
	Max. Arcing Current (A)	200			
	Duty Cycle (%)	60			
Engine model		LA188F	LA192FB	LT420VIE	LT420V3E
Oil capacity (L)		1.65		1.1	
Fuel tank capacity (L)		12.5		28	
Dimension (L x W x H) (mm)		800x525x600		685x520x625	720x530x680
Noise level at 7M (dB.A)		< 82		< 76	
Weight (kg)		135	129	107	98

DIESEL H/P WASHER
LDPW3600E

Diesel HP Washer

Model		LDPW2700E	LDPW3600E
Max. Pressure (PSI)		2700 (189kg/cm2)	3600 (253kg/cm2)
Max. Capacity (L/min)		12.6	18.1
Max. Output (hp)		5.5	10
Engine Speed (rpm)		3600	3600
Engine Model		LA178FA	LA188F
Fuel Tank Capacity (L)		3.5	5.5
Dimension (H x W x L) (mm)		810 x 605 x 665	845 x 625 x 700
Weight (kg)		85	100



LPT 750

LPT 900

LPT 1000

LPT 1200

LPT 1050D

LPT 1350DE


FEATURES

- ✓ Various Application
- ✓ Strong Cast Iron Gearbox
- ✓ Durable Direct Connection
- ✓ Strong Power For Tough Work

Optional: Ditching Blade

Model	LPT750	LPT900	LPT1000	LPT1200	LPT1050D	LPT1350DE
Engine Model	Gasoline GK210			Gasoline GK225	Diesel LA178 FA	Diesel LA186 FAE
Max Output/ Speed (KW/rpm)	4.4/3600			5.0/3600	4.3/3600	6.3/3600
Displacement (cc)	212			223	296	418
Transimission Mode	Belt		Gear	Belt	Gear	
Starting System	Recoil					Electric
Tilling Depth (mm)	150-300					
Tilling Width (mm)	600 - 750	750 - 900	750 - 1000	300 - 600	800 - 1050	800 - 1350
Tilling Blades	24 pcs (curved dyland blade with side disk)			18pcs (curved dyland blade, side disk & ditching knife)	32pcs (curved dyland blade Ø360 w/o side disk)	40pcs (curved dyland blade Ø360 w/o side disk)
Transporting Wheels	3.5 - 6	4.0 - 8		3.5 - 5	4.0 - 8	
Shifting	-1, 0, 2, 1	-1, 0, 2, 0, 1	1, 0 (-1), 2	1, 0, 2 & -1, -2, 0, 1, 2	1, 0 (-1), 2	
Dimensions (mm)	1550 x 650 x 1050	1500 x 750 x 1100	1500 x 800 x 1100	1700 x 400 x 900	1600 x 1050 x 1100	
Weight (kg)	60	60	83	94	107	142

YN-49

(Grease)



YN-549C

(Ceramics)



YN-180P

(Porcelain)



YN-549 AC

(Ceramics, Auto)



YN-100/100C

(Grease/Ceramics)



Sprayer Pump

Sprayer Pump								
Model		YN-49	YN-549C	YN-549AC	YN-100	YN-100C	YN-180P	
Plunger No		3			3		3	
Plunger Length (mm)		140			165		220	
Plunger Diameter (mm)		30			35		45	
Application		Spraying		Irrigation	Spraying	Irrigation	Spraying	Irrigation
Velocity (r.p.m.)		500-1000		900	500-900	800	500-900	700
Suction Capacity (L/min)		19-38		34	45-81	72	100-180	140
Working Pressure (kgf/cm ²)		20-50		10	20-50	10	20-35	10
Power Required	Motor (HP)	2-4		2	4-8	4	10-15	10
	Engine (PS)	5-7		5	5-9	5	11-16	11
Dimension (mm)		400x315x380			540x380x540		640x430x480	
Weight (kg)		14.4	15.8	16.3	34		58.12	



Items No.1 to 4 included

Taiwan Expansion Pipe (12ft)



Items No.1 to 4 included

Taiwan Stainless Steel Pipe (5ft)



Taiwan Super Top Nozzle 150cm



Taiwan Spray Nozzle (straight) 90cm

1



Taiwan Ball Cock

2



Japan Shoot Tall Nozzle (cone)

3



Taiwan Different Diameter Joint

4



Taiwan Hose Round Joint

5



Taiwan Mixer Propeller Type

6



Taiwan Mixer Jet Type

7



< Short Brass Gun 13.5cm >

OS-45

FJ-120

OS-30C5N

OS-45 c/w RB20-AS

Sprayer Pump

Model	OS-45		FJ-120		OS-22D5		OS-30C5N	
Plunger Dia. (mm)	30 x 3		38 x 3		22 x 3		30 x 3	
Stroke (mm)	20		38		18		26	
Suction Gate Dia. (inc)	1		1.5		1		1	
Application	Spraying	Irrigation	Spraying	Irrigation	Spraying	Irrigation	Spraying	Irrigation
Velocity (rpm)	450 - 800	600 - 1200	450 - 800	600 - 1000	450 - 800	600 - 1000	450 - 800	600 - 1000
Suction Volumm (lit/min)	16.5 - 29.5	22 - 44	56 - 83	75 - 125	10.0 - 15.5	15.5 - 18.5	16.5 - 29.5	22 - 59.5
Pressure (Kgs/cm ²)	Max. 40	10	Max. 40	10	Max. 70	10	Max. 70	10

OS-S45-F


Accessories of OS-S45-F

OS-S30C5-F


Accessories of OS-S30C5-F

POWER SPRAYER

Model	OS-S45-F		OS-S30C5-F (3phase,electric)
Engine Model	OS170		Y100L2-4 (Motor)
Power Required (hp)	7.0		4.0, 415V/50HZ
Plunger Dia (mm)	3 x 30		
Stroke (mm)	20		26
Suction Capacity (L/min)	34-50		40.50-59.50
Speed (rpm)	800-1200		800-1000
Sprayer Pump Model	OS45		OS-S30C5
Working Pressure (kgf/cm ²)	Max	40	60
	Working	0-40	0-60
Dimension (mm)	800 x 390 x 440		695 x 470 x 415
Weight (kg)	35		47

OS-20B



Water Pump		
Model	OS-20B	OS-30B
Pump Size (inch)	2 "	3 "
Engine Model	OS170 (7hp)	
Speed (rpm)	3600	
Starting System	Recoil	
Suction Height (m)	7	
Max Delivery Lift (m)	25	
Max Water Displacement (m3/h)	40	60
Fuel Tank Capacity (L)	3.6	
Dimension (mm)	480 x 380 x 400	510 x 380 x 435
Weight (kg)	21.8	24

GASOLINE ENGINE

OS 170



Gasoline Engine		
Model		OS-170
Bore x Stroke (mm)		68 x 54
Starting System		Recoil
Engine Speed (rpm)		3000/3600
Max. Output (hp)		7.0
Continuous Output (hp)		5.5
Oil Capacity (L)		0.6
Fuel Consumption (g/kw h)		<395
Fuel Tank Capacity (L)		3.6
Dimensions (L x W x H) (mm)		395 x 335 x 355
Net Weight (kg)		14.3


SENCI WEATHERPROOF ALTERNATOR

Rated power	2.0 kW
Rated Voltage	240 V
Rated Frequency	50 Hz
Insulation Class	F
Protection Class	IP23
Power Factor	1.0


Iron Pump Kit

Model	3HGM-10
Displacement (m³/h)	50
Outlet Size (inch)	3
Inlet Size (inch)	3
Max Delivery Lift (m)	65
Suction Height (m)	8

FEATURES

✓ Grease Free

SF 50-2
SF 80-P


Twin impeller



Copper Impeller, Pulley type

Pump Kit	Model	Max. Water Displacement (m³/hr)	Max. Delivery Lift (m)	Suction Height (m)
Fire Fighting Pump	SF50	28	55	8
	SF50-2	20	110	8
	SF50-P	28	55	7
	SF80-P	40	65	7

PG 207
SP 80


Normal



Thick

Pump Kit	Model	Max. Water Displacement (m³/hr)	Max. Delivery Lift (m)	Suction Height (m)
Centrifugal Pump	PG207	30	25	8
	PG305	50	25	8
	SP50 (thick)	30	25	8
	SP80 (thick)	50	25	8
	SP100 (thick)	65	25	8



Sunnyhose has the largest market share worldwide because users appreciate its high quality and economy. It is made of synthetic fibers and soft PVC in a continuous/one process production developed by Takata Corporation. It is a general purpose hose, consistently high in quality, and available in long lengths.

It is designed for temporary water supply or drainage, for drip irrigation and sprinkler irrigation at farms.

The large diameter sunnyhose, 250~ 400mm, is ideal for use as drainage hose in emergency/flood/disaster situations when large quantities of water must be moved quickly.

Size (Inches x m)	Internal Dia. (mm)	Wall Thickness (mm)	Working Pressure (kg/cm ²)	Weight (kg)
2" x 100	53	1.3	4.5	29
3" x 100	78	1.7	4.0	55
4" x 100	104	1.75	4.0	74
6" x 100	155	1.95	3.0	123
8" x 100	207.5	2.2	3.0	186

PONY Delivery Hose (Technology of Korea) - 4 bar



Size (Inches x m)	Internal Dia. (mm)	External Dia. (mm)	Working Pressure (kg/cm ²)	Bursting Pressure (kg/cm ²)	Weight (kg)
2" x 100	52	54	4.0	12.0	26.2
3" x 100	77	79	4.0	12.0	40.2
4" x 100	103	105.2	4.0	12.0	62.2
6" x 100	155	158.6	4.0	12.0	115.2

Fuji Delivery Hose - 2 bar



Size (Inches x m)	Internal Dia. (mm)	External Dia. (mm)	Working Pressure (kg/cm ²)	Bursting Pressure (kg/cm ²)	Weight (kg)
2" x 100	50	52	1.5	5.0	24
3" x 100	77	79	1.5	5.0	36
4" x 100	100	102	1.3	4.0	55
6" x 100	150	152	1.1	3.5	98
8" x 100	200	202	1.0	3.0	150



Usage:

- 1) For spraying chemicals in agricultural use.
- 2) For machines and equipments that require high pressure such as washing, painting and air tools.



SEMCO Sprayer Hose

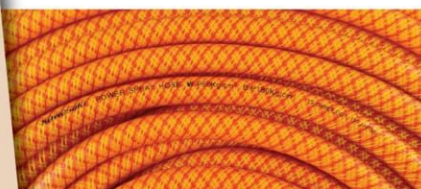
- ✓ Good flexibility.
- ✓ Excellent durability against abrasion and chemical agent.

Size (mm x m)	Internal Dia. (mm)	External Dia. (mm)	Working Pressure (kg/cm ²)	Bursting Pressure (kg/cm ²)	Weight (kg)
8.5 x 100	8.5 ± 0.6	14.5 ± 0.5	60	210	14.5
10 x 100	10.5 ± 0.7	16.5 ± 0.5	60	210	17.0
13 x 100	13.0 ± 0.7	20.6 ± 0.5	60	210	24.5



PONY Sprayer Hose

Size (mm x m)	Internal Dia. (mm)	External Dia. (mm)	Working Pressure (kg/cm ²)	Bursting Pressure (kg/cm ²)	Weight (kg)
8.5 x 100	8.5	14.5	60	210	12.8
19 x 100	19.0	29.5	40	120	38.2
25 x 50	25.0	35.0	40	120	25.2



Kawasaki Sprayer Hose

Size (mm x m)	Internal Dia. (mm)	External Dia. (mm)	Working Pressure (kg/cm ²)	Bursting Pressure (kg/cm ²)	Weight (kg)
8.5 x 10	8.5	13.7	60	180	1.4
8.5 x 20	8.5	13.7	60	180	2.8
8.5 x 30	8.5	13.7	60	180	4.2
8.5 x 50	8.5	13.7	60	180	7
8.5 x 100	8.5	13.7	50	180	13.9

Fuji High Performance Blade

✓ Cutting concrete piles

Size	Cutting Length
~ 14" Wet	300 m - 400 m

Fuji Diamond Blade

Size	Cutting Length
~ 12" Wet	300 m
~ 14" Premium	300 m
~ 16" Wet	300 m
~ 18" Wet	300 m

**Shinhan Diamond Blade (Korea)**

Size	Cutting Length
~ 14" Premium	800 m
~ 14" Standard	400 m
~ 16" Premium	800 m

**Canwide Diamond Blade (Taiwan)**

Size	Cutting Length
~ 14" Wet	200 m
~ 16" Wet	200 m

Tokyo Rika Walking Measure

Model	Wheel Dia.(CM)	Digit	Graduation (cm)	Measuring Range	Wt_(Kg)
B20S	20	5	10	0.1m - 10 km	1.0



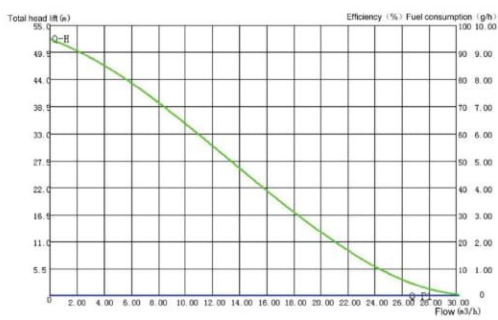
Gasoline Water Pump SCWP50



Gasoline Water Pump SCWP80



High Pressure Lift Pump SCHP50-1



High Pressure Lift Pump SCHP50-2



High Pressure Lift Pump SCHP80

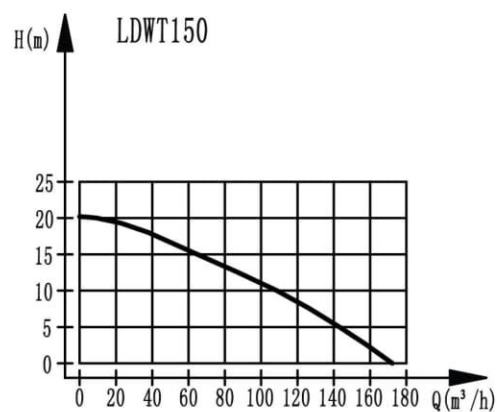
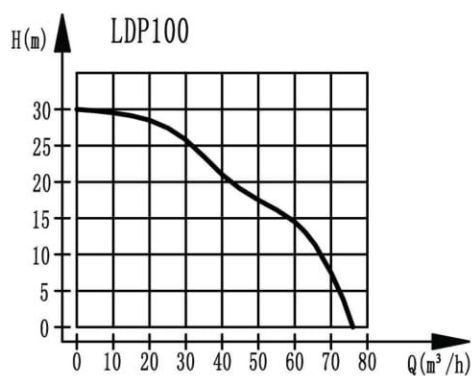
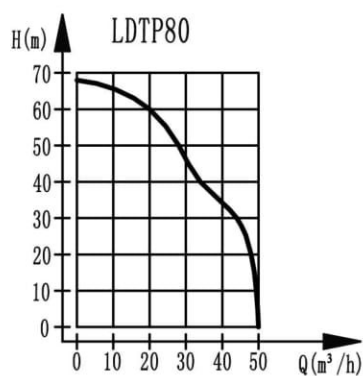
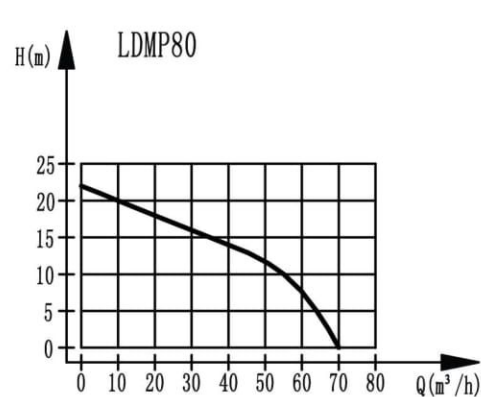
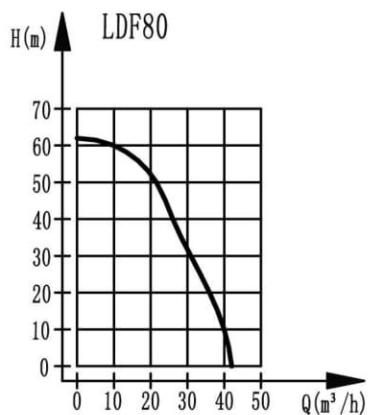
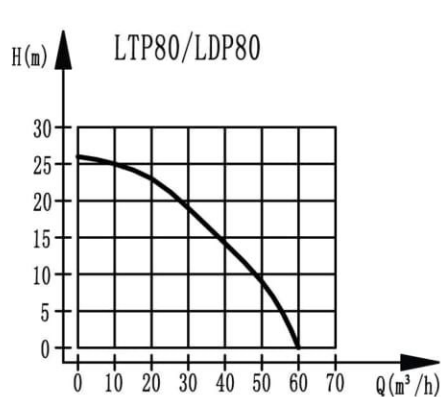
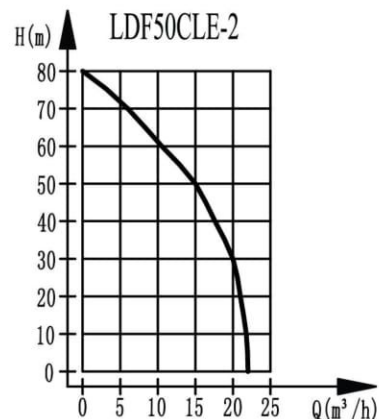
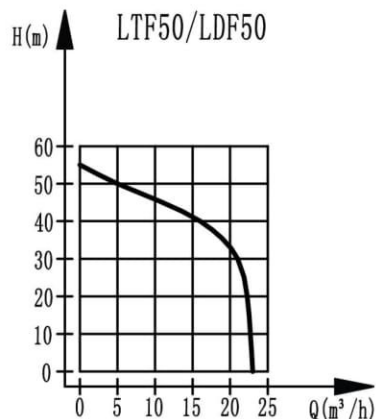
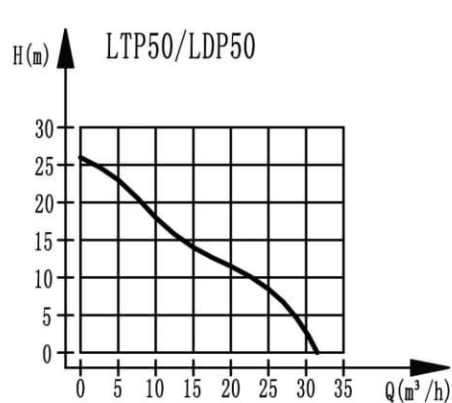


High Pressure Cast Iron Pump SCHCP-20

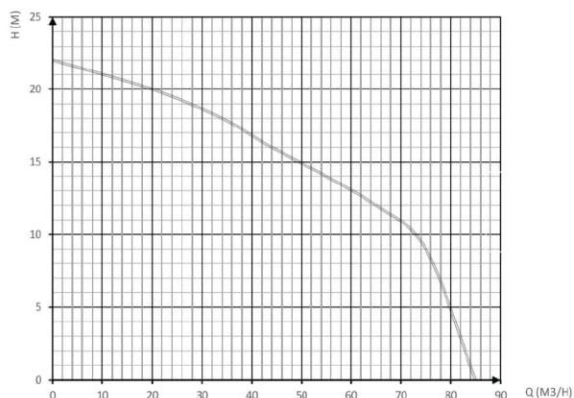


High Pressure Cast Iron Pump SCHCP-30





LDMP100





1) Determine the power required from your generator

First consult the owners manual or the equipment data to determine the power required to operate it. To calculate the watts needed from your generator, you must work out the running watts for all the equipment that may run simultaneously and multiply it by the energy required to initially start up the equipment.

If the power required for your equipment is indicated in amps, multiply by volts (230v) to give you the watts.

Examples: 5 amps x 230v = 1,150 watts



2) Calculating the starting coefficient

Running watts x starting coefficient

The majority of products have a starting coefficient of 1.

If you want to run a light bulb and a hedge trimmer your calculation would look like this:

Product	Running Watts	Starting Coefficient	Total Watts
Light Bulb	100	x 1	100
Hedge Trimmer	780	x 2	1,560

You will need a generator with output at least 1,660w.



3) Rated power for selected equipment

Items	Power in watts	Starting Coefficient
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HAND TOOLS

Angle Grinder	500 – 900	2
Cement Mixer	500 – 850	3
Circular Saw	1,000 – 1,600	1.5
Compressor	1,200 – 2,500	3+
Drill	500 – 1,100	1
Finishing Sander	135 – 350	1
Grinder	120 – 400	1.5
Hammer Drill	600 – 800	1
High Pressure Washer	1,200 – 3,000	3
Hot Air Gun	1,600 – 2,000	1
Jig Saw	350 – 750	1
Orbital Sander	300 – 450	1
Peeling Machine	1,800 – 2,000	1
Planer	470 – 750	1
Router	800 – 1,300	1
Spray Gun	95 – 750	1

GARDEN

Chain Saw	1,400 – 1,800	2
Hedge Trimmer	400 – 800	2
Lawn Mower	300 – 1,600	2
Shredder	700 – 2,500	2
String Trimmer	200 – 600	2

HOUSEHOLD ELECTRICALS

Coffee Maker	750 – 1,050	1
Deep Freeze	90 – 400	3+
Fryer	1,800 – 2,000	1
Grill	1,000 – 2,500	1
Hair Dryer	1,800 – 2,200	1
Microwave Oven	1,200 – 1,600	2
Mixer	300 – 700	1
Oven	1,800 – 3,000	1
Refrigerator	50 – 250	3
Steam Iron	1,400 – 2,260	1
Toaster	850 – 1,150	1
Tumble Dryer	1,200 – 2,500	1
Vacuum Cleaner	700 – 1,800	1
Washing Machine	2,100 – 2,400	1.5

LIGHTING – TV – HIFI – COMPUTER

Desk Lamp	50 – 150	1
Radio	50 – 100	1
TV	100 – 350	1

OTHER

Air-conditioner	500 – 2,500	3+
Barbeque	1,100 – 2,300	1
Heating	1,000 – 1,800	1