

# LAUNTOP®

LIGHT UP YOUR LIFE



## LAUNTOP®

**FUJIAN EVERSTRONG LEGA POWER EQUIPMENTS CO., LTD**

Add: Hongkuan Industrial Park, Fuqing City, Fujian Province, China

[www.launtop.com](http://www.launtop.com) | [www.launtop.cn](http://www.launtop.cn) | [www.launtop-power.com](http://www.launtop-power.com)

**2019 / 2020  
PRODUCTS CATALOGUE**

GENERATOR / ENGINE / PUMP / WELDING GENERATOR / TILLERS



# LAUNTOP®

LAUNTOP is established in Gaishan industry zone, Fuzhou in 2000. We moved to Hongkuan industry zone, Fuqing in 2006. Nowadays, we have become specialized in the production of internal combustion engines, generator sets (1kW to 2500kW) and garden machinery.

## SUFFICIENT PRODUCTION CAPACITY

Our factory area covers a land of 200,000 square meters. Our professional team is more than 900 employees. So, our production capacity is 400,000 air-cooled products and 5,000 water-cooled diesel generators, our annual sales is over \$110 million in 2017. 90% of annual sales are from overseas.

## GOOD PRPUTATION IN THE MARKET

Our products have been supplied to 120 countries in the world. With full international certificates, like CE, GS, EPA, ETL, Lega products have won a good reputation from customers in Europe, the US, Southeast Asia and the Middle East.

## STRONG MANAGEMET TEAM FOR R&D

Our company owns Fujian Province Enterprise Technology Center and the technology center laboratory with domestic well-known universities. We have applied for 20 plus independent invention patents, 50 plus utility model patents and 80 plus product design patents. Every year, we put 5% of annual output value into product development and technological renovation, and spend almost \$2 million on R&D projects.

## LAUNTOP PROFILE

-  MORE THAN 900 EMPLOYEES
-  USD 110 MILLION PLUS IN 2017
-  PRODUCTION CAPACITY: 400,000 UNITS OF GENERATORS EACH YEAR.
-  PRODUCTS ARE SOLD TO OVER 120 COUNTRIES

# LAUNTOP POWER WORKSHOP OVERVIEW



## PRODUCTION CENTERS

LAUNTOP has ability of research, development , manufacture and assemble generator sets, We now have sheet metal production workshop, assembly workshop and test room, and there is chassis line, canopy line and CNC center in sheetmetal workshop. Assembly workshop got assembly line, installation line and electronic control line. Test room got test center, clean & package line.

Annual Production Capacity:

**400,000 Units of Products**





Walk-in Temp&Humi Chamber



# LAUNTOP EQUIPMENT & PROJECT

Project in Mongolia-1



Three-coordinate Measuring Machine



Precision Neutral Salt Spray Tester



10pcs high voltage genset in Mongolia



Project in Mongolia-2



AC Power Dynamometer



Durability Test-Bed



UV Resistant To Climate Testing Machine



Genset in Mining Area



Genset Built in HK Airport



Paper Mill Project

# HISTORY

2000



Company formally established.

2008



Moved to new factory (Hong kuan Industrial Park), started to produced industrial diesel generators.

2003



Fuzhou Launtop M&E Co., Ltd. Set up the gasoline generator set production line.

2016



Sales Center was moved to "IFC in Fuzhou international financial centre". Set up department doing LED lightings , Solar products, new energy products.

2015



Build the lawn mower production line.

2018



Start to do the preliminary work for IPO. Established a new factory in ChongQing, Focus on supplying top quality Gasoline series products.

## AUTHORISED LAUNTOP DEALERS

120+ National Dealer Network – providing the best advice and after sales service that is only available through specialist service dealers.

## PRODUCTS FEATURE



**Lightweight Portable**  
The alternator is connected directly to the engine, eliminating the weight of the flywheel.



**Unique Structure Utilizing The Latest Technology**  
The generator is cooled by a patented air intake system. The smart throttle power management system, the sound attenuated structure and inverter style output all combine to produce state of the art portable electric power.



**Certification**  
LAUNTOP digital gensets have received EPA, CE, CARB, CETL and PSE certification.



**Green Power System**  
The LAUNTOP Digital Sinemaster Series is among the most environmental friendly class of generators in the marketplace.



**Quality Power**  
LAUNTOP applies inverter technology to the Digital Sinemaster Series generators to produce pure sine wave AC output.



**A Wide Range of Benefits**  
In addition to clean, quiet, and efficient power, LAUNTOP offers superior overload and low oil level protection to all digital generators.



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# LAUNTOP

## DIESEL ENGINE

Output :3.8hp-10hp



# DIESEL ENGINE



### Feature:

- Proven Launtop Technology.
- Proven economy and reliability.
- Compact and lightweight.
- Fast and easy all weather starting.
- Automatic low oil level cut out.
- Heavy duty air cleaners.
- Lower fuel consumption compared to LA engines.



### SPECIFICATION

Model	LA170F	LA173F	LA178F	LA186F	LA188F	LA192F
Borexstroke(mm)	70x55	73x59	78x62	86x70	88x78	92x75
Displacement(cc)	211	247	296	406	474	499
Engine speed(rpm)	3000/3600	3000/3600	3000/3600	3000/3600	3000/3600	3000/3600
Rated output(hp)	3.4/3.8	3.9/4.3	5/5.4	7.7/8.6	9.0/9.8	9.4/10.3
Max.output(hp)	3.8/4.2	4.3/4.7	5.5/6	8.6/10	10.0/10.9	10.3/11.4
Lube oil capacity(L)	0.75	0.75	1.11	1.65	1.65	1.65
Fuel tank capacity(L)	2.5	2.5	3.5	5.5	5.5	5.5
Fuel consumption(g/kW.h)	290	280	290	280	280	280
Dimension(LxWxH)(mm)	332x392x416	332x392x416	383x421x450	417x470x494	417x441x500	417x441x501
Net weight(recoil) (kg)	27	27	33	48	53	50

### SPECIFICATION

Model	LA170FA	LA178FA	LA186FA	LA170FS	LA178FS	LA186FS
Borexstroke(mm)	70x57	78x64	86x72	70x55	78x62	86x70
Displacement(cc)	219	306	418	211	296	406
Engine speed(rpm)	3000/3600	3000/3600	3000/3600	1500/1800	1500/1800	1500/1800
Rated output(hp)	3.4/3.8	5/5.4	7.7/8.6	3.4/3.8	5/5.4	7.7/8.6
Max.output(hp)	3.8/4.2	5.5/6	8.6/10	3.8/4.2	5.5/6	8.6/10
Lube oil capacity(L)	0.75	1.11	1.65	0.75	1.11	1.65
Fuel tank capacity(L)	2.5	3.5	5.5	2.5	3.5	5.5
Fuel consumption(g/kW.h)	290	290	280	290	290	280
Dimension(LxWxH)(mm)	332x392x416	383x421x450	417x470x494	332x392x416	383x421x450	417x470x494
Net weight(recoil) (kg)	27	33	48	27	33	48

# LAUNTOP

## TWIN-CYLINDER DIESEL ENGINE

Output :20hp

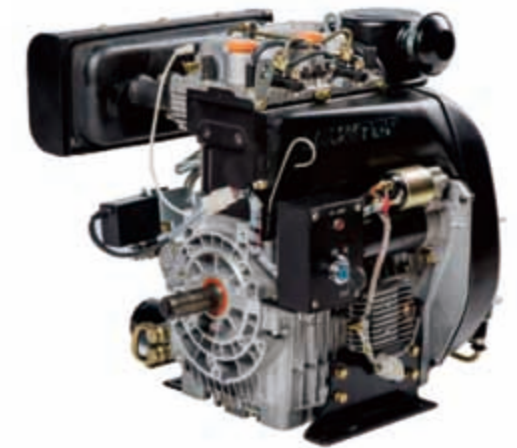


# TWIN-CYLINDER DIESEL ENGINE



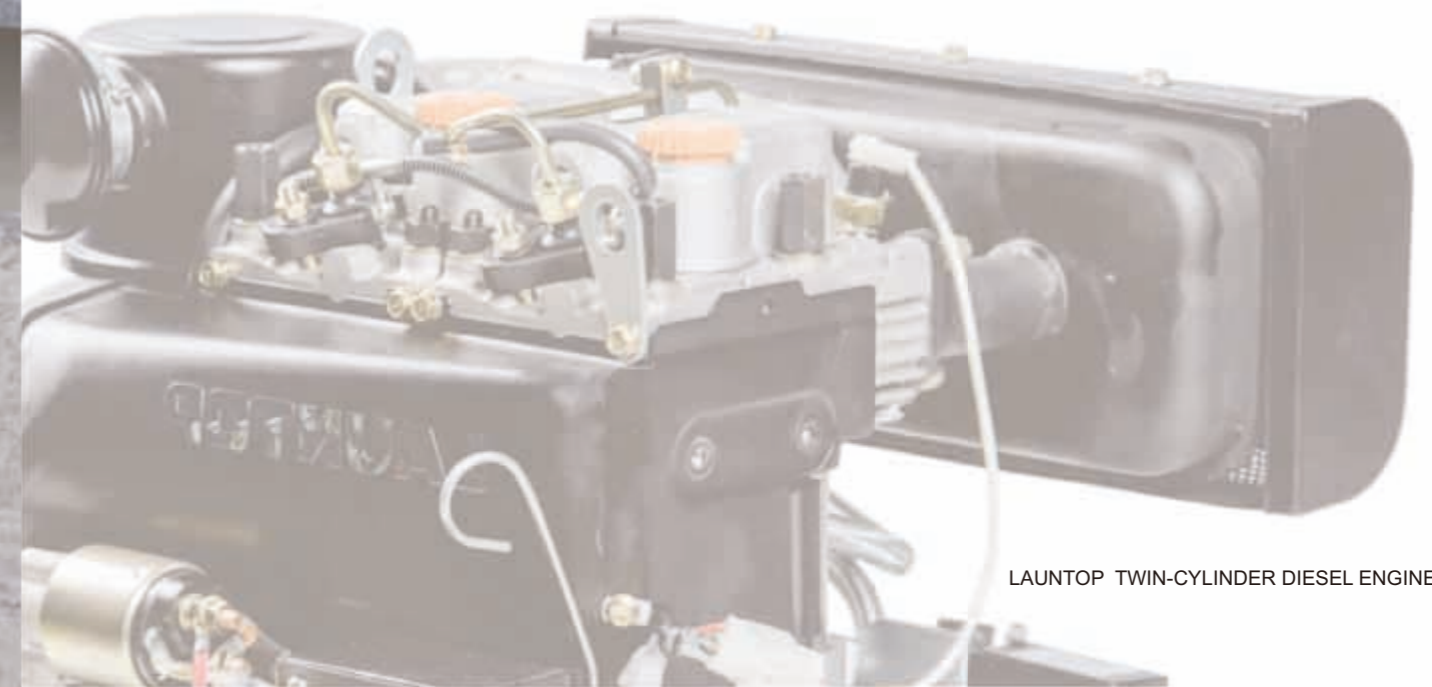
### Feature:

- Proven Launtop Technology
- Proven economy and reliability
- Compact and lightweight
- Fast and easy all weather starting
- Automatic low oil level cut out
- Heavy duty air cleaners
- Lower fuel consumption compared to LA engines



### SPECIFICATION

Model	LA290	LA292
Bore×stroke(mm)	90×75	92×75
Displacement(cc)	954	997
Engine speed(rpm)	3000/3600	3000/3600
Rated AC output(hp)	17	18.7
Max. AC output(hp)	20	20.5
Lube oil capacity(L)	3	3
Fuel tank capacity(L)	7	7
Fuel consumption(g/kW.h)	280	280
Dimension(L×W×H)(mm)	580×475×535	580×475×535
Net weight(recoil) (kg)	81	82





# LAUNTOP

## DIESEL GENERATORS

Output :1.7kW-5.0kW

# DIESEL GENERATOR



### Feature:

- AVR gives stable voltage and safe work.
- Circuit breaker protects overload operation.
- 12.5L tank ensures 8 hours' continuous running.
- Low oil shutdown stops engine in emergency.
- Various sockets for different market.



### SPECIFICATION

#### DIESEL GENERATOR

Model	LDG2200CL(E)	LDG3600CL(E)	LDG5000CL (E) LDG5000L (E) LDG5000K (E)
<b>Voltage (V)</b>	110-240	110-240	110-240
<b>Frequency (Hz)</b>	50/60	50/60	50/60
<b>Rate. AC output (kW)</b>	1.7/2.0	2.7/3.0	4.2/4.6
<b>Max. AC output (kW)</b>	1.9/2.2	3.0/3.3	4.6/5.0
<b>Power Factor cosΦ</b>	1.0	1.0	1.0
<b>DC output (V/A)</b>	12/6	12/6	12/6
<b>Engine model</b>	LA170FG	LA178FG	LA186FG
<b>Starting system</b>	Recoil/Electric	Recoil/Electric	Recoil/Electric
<b>Lube oil capacity (L)</b>	0.75	1.1	1.65
<b>Fuel tank capacity (L)</b>	12.5	12.5	12.5
<b>Fuel consumption (g/kW h)</b>	≤430	≤420	≤400
<b>Noise (7 meters away) dB (A)</b>	≤79	≤80	≤82
<b>Dimension (L×W×H) (mm)</b>	610×450×500	680×455×545	LDG5000CL(E):740×475×590 LDG5000L(E):800×520×600 LDG5000K(E):750×480×605
<b>Net weight (recoil) (kg)</b>	70	80	LDG5000CL (E):95 LDG5000L (E):110 LDG5000K (E):103



# LAUNTOP

## DIESEL GENERATORS

Output :4.5kW-7.0kW



# DIESEL GENERATOR

-  Air Cooled Engine
-  IP 23 Protection
-  Diesel Engine
-  Noise Compliant

### Feature:

- AVR gives stable voltage and safe work.
- Circuit breaker protects overload operation.
- 12.5L tank ensures 8 hours' continuous running.
- Low oil shutdown stops engine in emergency.
- Various sockets for different market.



### SPECIFICATION

DIESEL GENERATOR				
Model	LDG6000CL(E) LDG6000L(E) LDG6000K(E)	LDG6500CL(E) LDG6500L(E) LDG6500K(E)	LDG7500CL(E) LDG7500L(E) LDG7500K(E)	LDG8000CL(E) LDG8000L(E) LDG8000k(E)
<b>Voltage (V)</b>	110-240	110-240	110-240	110-240
<b>Frequency (Hz)</b>	50/60	50/60	50/60	50/60
<b>Rate. AC output (kW)</b>	4.5/5.0	5.0/5.3	5.5/6.0	6.0/6.5
<b>Max. AC output (kW)</b>	5.0/5.5	5.5/5.8	6.0/6.6	6.5/7.0
<b>Power Factor cosΦ</b>	1.0	1.0	1.0	1.0
<b>DC output (V/A)</b>	12/6	12/6	12/6	12/6
<b>Engine model</b>	LA186FAG	LA188FG	LA188FG	LA192F
<b>Starting system</b>	Recoil/Electric	Recoil/Electric	Recoil/Electric	Recoil/Electric
<b>Lube oil capacity (L)</b>	1.65	1.65	1.65	1.65
<b>Fuel tank capacity (L)</b>	12.5	12.5	12.5	12.5
<b>Fuel consumption (g/kW h)</b>	≤400	≤370	≤370	≤340
<b>Noise (7 meters away) dB (A)</b>	≤82	≤82	≤82	≤86
<b>Dimension (L×W×H) (mm)</b>	LDG6000CL(E):740×475×590 LDG6000L(E):800×520×600 LDG6000K(E):750×480×605	LDG6500CL(E):740×475×590 LDG6500L(E):800×520×600 LDG6500K(E):750×480×605	LDG7500CL(E):740×475×590 LDG7500L(E):800×520×600 LDG7500K(E):750×480×605	LDG8000CL(E):740*475*600
<b>Net weight (recoil) (kg)</b>	LDG6000CL(E):95 LDG6000L(E):110 LDG6000K(E):103	LDG6500CL(E):99 LDG6500L(E):114 LDG6500K(E):107	LDG7500CL(E):99 LDG7500L(E):114 LDG7500K(E):107	LDG8000CL(E):105(120)

# LAUNTOP

## SILENT DIESEL GENERATORS

Output : 4.2kW-6.6kW

Output : 4.2kW-6.6kW



# SILENT DIESEL GENERATOR

-  Air Cooled Engine
-  IP 23 Protection
-  Diesel Engine
-  dB Noise Compliant

### Feature:

- The lowest noise is 67 dB(A) at 7m.
- Minimal vibration & smooth running.
- Function better with double large muffler.
- Fashion soundproof canopy.
- Universal wheels make movement easily.
- 8 hours' continuous running free of fuel plus.



### SPECIFICATION

SILENT DIESEL GENERATOR		
<b>Model</b>	LDG5000S LDG5000S-KQ LDG5000SA	LDG6000S LDG6000S-KQ LDG6000SA
<b>Voltage (V)</b>	110-240	110-240
<b>Frequency (Hz)</b>	50/60	50/60
<b>Rate. AC output (kW)</b>	4.2/4.6	4.5/5.0
<b>Max. AC output (kW)</b>	4.6/5.0	5.0/5.5
<b>Power Factor cosΦ</b>	1.0	1.0
<b>DC output (V/A)</b>	12/6	12/6
<b>Engine model</b>	LA186FG	LA186FAG
<b>Starting system</b>	Electric	Electric
<b>Displacement (cc)</b>	406	418
<b>Engine speed (rpm)</b>	3000/3600	3000/3600
<b>Lube oil capacity (L)</b>	1.65	1.65
<b>Fuel tank capacity (L)</b>	16	16
<b>Fuel consumption (g/kW h)</b>	≤400	≤400
<b>Noise (7 meters away) dB (A)</b>	LDG5000S:≤71 LDG5000S-KQ:≤67 LDG5000SA:≤69	LDG6000S:≤71 LDG6000S-KQ:≤67 LDG6000SA:≤69
<b>Dimension (LxWxH) (mm)</b>	LDG5000S:900x520x700 LDG5000S-KQ:885x580x745 LDG5000SA:1060x535x740	LDG6000S:900x520x700 LDG6000S-KQ:885x580x745 LDG6000SA:1060x535x740
<b>Net weight (kg)</b>	LDG5000S:140 LDG5000S-KQ:145 LDG5000SA:145	LDG6000S:150 LDG6000S-KQ:155 LDG6000SA:155

# LAUNTOP

## SILENT DIESEL GENERATORS

Output : 4.2kW-6.6kW



# SILENT DIESEL GENERATOR



### Feature:

- The lowest noise is 67 dB(A) at 7m.
- Minimal vibration & smooth running.
- Function better with double large muffler.
- Fashion soundproof canopy.
- Universal wheels make movement easily.
- 8 hours' continuous running free of fuel plus.



### SPECIFICATION

SILENT DIESEL GENERATOR			
Model	LDG6500S LDG6500S-KQ LDG6500SA	LDG7500S	LDG8000S
Voltage (V)	110-240	110-240	110-240
Frequency (Hz)	50/60	50/60	50/60
Rate. AC output (kW)	5.0/5.3	5.5/6.0	6.0/6.5
Max. AC output (kW)	5.5/5.8	6.0/6.6	6.5/7.0
Power Factor cosΦ	1.0	1.0	1.0
DC output (V/A)	12/6	12/6	12/6
Engine model	LA188FG	LA188FG	LA192FAG
Starting system	Electric	Electric	Electric
Displacement (cc)	474	474	499
Engine speed (rpm)	3000/3600	3000/3600	3000/3600
Lube oil capacity (L)	1.65	1.65	1.65
Fuel tank capacity (L)	16	25	25
Fuel consumption (g/kW h)	≤400	≤370	≤340
Noise (7 meters away) dB (A)	LDG6500S:≤71 LDG6500S-KQ:≤67 LDG6500SA:≤69	≤68	≤71
Dimension (LxWxH) (mm)	LDG6500S:900x520x700 LDG6500S-KQ:885x580x745 LDG6500SA:1060x535x740	960x560x730	960x560x710
Net weight (kg)	LDG6500S:154 LDG6500S-KQ:160 LDG6500SA:160	160	164

# LAUNTOP

## TWIN-CYLINDER DIESEL GENERATOR

Output :10kW-13.75kW



# TWIN-CYLINDER DIESEL GENERATOR



### Feature:

- Powered by 20hp twin-cylinder diesel engine.
- Deluxe style with square frame.
- Wheels contribute to easy moving.
- Electric start with battery.



### SPECIFICATION

TWIN-CYLINDER DIESEL GENERATOR				
Model	LDG12	LDG15	LDG12S	LDG15S
Voltage (V)	110-240	110-240	110-240	110-240
Frequency (Hz)	50/60	50/60	50/60	50/60
Rate. AC output (kW)	10/10kW	12/12kW	10/10kW	12/12kW
Max. AC output (kW)	11/11kW	13/13kW	11/11kW	13/13kW
Power Factor cosΦ	1.0	1	1.0	1
DC output (V/A)	12/6	12/6	12/6	12/6
Engine model	LA290	LA292F	LA290	LA292F
Starting system	Electric	Electric	Electric	Electric
Displacement (cc)	954	997	954	997
Engine speed (rpm)	3000/3600	3000/3600	3000/3600	3000/3600
Lube oil capacity (L)	3	3	3	3
Fuel tank capacity (L)	25	25	60	50
Fuel consumption (g/kW h)	≤350	≤268	≤350	≤268
Noise (7 meters away) dB (A)	≤82	≤86	≤69	≤86
Dimension (L×W×H) (mm)	910×578×800	910×578×800	1160×675×945	1160×675×945
Net weight (recoil) (kg)	170	190	295	295

# LAUNTOP

## HEAVY-DUTY DIESEL GENSET

Power Range: 16.5kW-52kW

### SPECIFICATION

Genset Model	Standby Power		Prime Power		Voltage	Frequency	Controller Model	Engine						Open Type		Silent Type		
	KVA	KW	KVA	KW				V	Hz	Model	Cyl	Bore x Stroke (mm)	Displacement (L)	Output Power (kW)	Gov	100% Cons (L/h)	Dimension (L*W*H, mm)	Weight (KG)
LG16.5LJ	16.5	13.2	15	12	230/400	50	HGM4010N	SL2100ABD	2	110x117	2.244	19.3	Mechanical	4.7	1150*780*1000	380	1570*780*1070	550
LG19.3LJ	19.3	15.4	17.5	14	230/400	50	HGM4010N	SL2105ABD	2	105x117	2.244	19.3	Mechanical	5.1	1150*780*1000	380	1570*780*1070	550
LG22LJ	22	17.6	20	16	230/400	50	HGM4010N	SL2110ABD	2	110x117	2.244	19.3	Mechanical	5.6	1150*780*1000	380	1570*780*1070	550
LG26.3LJ	26.25	21	24	19.2	230/400	50	HGM4010N	SL3100ABD	3	100x117	2.336	29	Mechanical	6.8	1870*730*1360	500	2100*900*1405	750
LG27.5LJ	27.5	22	25	20	230/400	50	HGM4010N	SL3105ABD	3	105x117	2.336	29	Mechanical	7.3	1870*730*1360	500	2100*900*1405	750
LG33LJ	33	26.4	30	24	230/400	50	HGM4010N	SL3110ABD	3	110x117	2.336	29	Mechanical	7.3	1870*730*1360	500	2100*900*1405	750
LG33LJ	33	26.4	30	24	230/400	50	HGM4010N	SL4100ABD	4	100x117	4.448	45	Mechanical	9.1	1970*730*1380	750	2300*900*1405	1000
LG35LJ	35	28	32.5	26	230/400	50	HGM4010N	SL4100ABD	4	100x117	4.448	45	Mechanical	9.1	1970*730*1380	750	2300*900*1405	1000
LG35LJ	35	28	32.5	26	230/400	50	HGM4010N	SL3110ABD	3	110x117	2.336	29	Mechanical	7.3	1870*730*1360	500	2100*900*1405	750
LG38.5LJ	38.5	30.8	35	28	230/400	50	HGM4010N	SL4105ABD	4	105x117	4.448	45	Mechanical	9.8	1970*730*1380	750	2300*900*1405	1000
LG44LJ	44	35.2	40	32	230/400	50	HGM4010N	SL4108ABD	4	108x117	4.448	45	Mechanical	11.7	1970*730*1380	750	2300*900*1405	1000
LG52LJ	52	41.6	47.5	38	230/400	50	HGM4010N	SL4110ABD	4	110x117	4.448	45	Mechanical	11.7	1970*730*1380	750	2300*900*1405	1000

# HEAVY-DUTY DIESEL GENSET

-  Water cooled Engine
-  IP 23 Protection
-  Diesel Engine
-  Noise Compliant

### Feature:

- 2,3,4 Cylinders Diesel engine Mounted.
- Robust construction.
- High quality painting.
- Stabilized power.



# LAUNTOP

## DIESEL WATER PUMP

Max.capacity: 30-65 m<sup>3</sup>/hr



# DIESEL WATER PUMP

-  Air Cooled Engine
-  IP 23 Protection
-  Diesel Engine
-  Noise Compliant

### Feature:

- Rational construction.
- Strong power and efficient.
- Smooth and reliable operation.
- Easy to disassemble and maintain.



### SPECIFICATION

DIESEL WATER PUMP			
Model	LDP50C LDP50CL	LDP80C LDP80CL	LDP100C LDP100CL
Inlet(inch)	2	3	4
Outlet(inch)	2	3	4
Max.capacity(m <sup>3</sup> /hr)	30	50	65
Max.discharge head(m)	25	25	25
Max.suction head(m)	8	8	8
Engine model	LA170F	LA178F	LA186F
Fuel tank capacity (L)	LDP50C:2.5 LDP50CL:12.5	LDP80C:3.5 LDP80CL:12.5	LDP100C: 5.5 LDP100CL: 12.5
Dimension (LxWxH)(mm)	LDP50C:485x400x500 LDP50CL:475x455x615	LDP80C:540x440x540 LDP80CL:540x455x655	LDP100C: 645x475x605 LDP100CL: 645x475x725
Net weight(recoil) (kg)	LDP50C:38 LDP50CL:41	LDP80C:45 LDP80CL:49	LDP100C: 67 LDP100CL: 70

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## DIESEL HIGH PRESSURE PUMP

Max discharge head : 55 – 75m,  
Max suction head: 8m



# DIESEL HIGH PRESSURE PUMP



### Feature:

- Thickening high quality aluminum alloy pump housing.
- Enclosed Impeller structure with high discharge head, large flow , max. lift 75M.
- Aluminum three-outlet with multi option, light portable.
- Widely use: high pressure water conveyance, fire fighting.
- Long distance water conveyance, hilly irrigation etc.



### SPECIFICATION

DIESEL HIGH PRESSURE PUMP					
Model	LDF40C	LDF40C-2	LDF50C	LDF50C-2	LDF80C
Inlet(inch)	1.5	1.5	2	2	3
Outlet(inch)	1" *2, 1.5" *1	1" *2, 1.5" *1	2" *1, 1.5" *2	2" *1, 1.5" *2	3" *1
Impeller No.	1	2	1	2	1
Max.capacity(m <sup>3</sup> /hr)	17	15	20	20	40
Max.discharge head(m)	55	75	55	75	60
Self-priming time(S/4m)	30	30	30	30	30
Max.suction head(m)	8	8	8	8	8
Engine model	LA178FP	LA178FP	LA178FP	LA178FP	LA186F
Fuel tank capacity (L)	3.5	3.5	3.5	3.5	5.5
Dimension (LxWxH)(mm)	540x440x540	540x440x540	540x440x540	540x440x540	645x475x605
Net weight(recoil) (kg)	45	47	45	47	62



# LAUNTOP

## DIESEL IRON PUMP

Max.capacity:19-26m<sup>3</sup>/hr



# DIESEL IRON PUMP



### Feature:

- Cast-iron pump with a closed cast-iron impeller.
- Simple in structure, Reliable in performance.
- Max. discharge head :65M. Capacity max 25m<sup>3</sup>/hr at 40M.
- Minimal vibration&smooth running.
- CE approved.



### SPECIFICATION

DIESEL IRON PUMP			
Model	LDTP40C	LDTP50DC	LDTP80C
Inlet(inch)	1.5	2	3
Outlet(inch)	1.5	2	3
Max.capacity(m <sup>3</sup> /hr)	19	30	50
Max.discharge head(m)	55	65	65
Self-priming time(S/4m)	8	8	8
Max.suction head(m)	296	406	406
Engine model	LA178	LA186	LA186
Fuel tank capacity (L)	3.5	5.5	5.5
Dimension (LxWxH)(mm)	465x440x540	545x475x605	545x475x605
Net weight(recoil) (kg)	55	64	72.5

# POWER YOU CAN TRUST

LAUNTOP GASOLINE PRODUCTS

**LAUNTOP®**



# LAUNTOP

## DIESEL & GASOLINE ENGINE

Output : 7hp-18hp



# GASOLINE ENGINE



### Feature:

- Easy starting, smooth running with minimal vibration.
- Oil alert built in.
- Compact and light-weight.
- Lower fuel consumption.
- Excellent durability and reliability.



### SPECIFICATION

Model	LT210	LT225
Bore×stroke(mm)	70×54	70×58
Displacement(cc)	212	223
Engine speed(rpm)	3000/3600	3000/3600
Rated output(hp)	5.5	6.0
Max.output(hp)	7	7.5
Lube oil capacity(L)	0.6	0.6
Fuel tank capacity(L)	3.6	3.6
Fuel consumption(g/kW.h)	≤374	≤374
Dimension(L×W×H)(mm)	315×362×335	315×362×335
Net weight(recoil) (kg)	16	16

### SPECIFICATION

Model	LT270	LT420	LT460
Bore×stroke(mm)	77×58	90×66	92×69
Displacement(cc)	270	420	458.5
Engine speed(rpm)	3000/3600	1500/1800	1500/1800
Rated output(hp)	7.2	11	12.3
Max.output(hp)	9	16	18
Lube oil capacity(L)	1.1	1.4	1.4
Fuel tank capacity(L)	6	6	3.5
Fuel consumption(g/kW.h)	374	370	370
Dimension(L×W×H)(mm)	380×430×410	405×450×435	405×450×435
Net weight(recoil) (kg)	33	27	33

# LAUNTOP

## GASOLINE TWIN-CYLINDER ENGINE

Output : 20hp



# GASOLINE TWIN-CYLINDER ENGINE



### Feature:

- V-Two cylinders engine.
- Easy starting, smooth running with minimal vibration.
- Oil alert built in.
- Lower fuel consumption.
- Excellent durability and reliability.



### SPECIFICATION

Model	LT620	LT670
Borexstroke(mm)	77x66	78x70
Displacement(cc)	614	670
Engine speed(rpm)	3000/3600	3000/3600
Rated AC output(hp)	17	15.4/18
Max. AC output(hp)	20	17/20
Lube oil capacity(L)	1.5	1.5
Fuel tank capacity(L)	/	/
Fuel consumption(g/kW.h)	370	≤374
Dimension(LxWxH)(mm)	390x460x455	460x457x431
Net weight(recoil) (kg)	43	44

### SPECIFICATION

Engine Model	LKV150	LKV170
Displacement (BorexStroke mm)	150cc (65x45.2)	175cc(68x48)
Net Power (under SAE J1349*)		
Kw/3600 rpm	2.5	2.9
Kw/3000rpm	2.1	2.5
Kw/2600 rpm	1.8	2.1
"Max.Net Torque(Nm/rpm) (under SAE J1349*)"	7.8 N.m/2500 rpm	9 N.m/2500 rpm
Compression Ratio	7.5:1	8.1:1
Idle Speed	1800±300 rpm	1800±300 rpm
Fuel Tank Capacity(L)	0.8	0.8
Engine Oil Capacity(L)	0.4	0.4
Net Weight (Kg)	9	9
Size (LxWxH mm)	345x255x375	345x255x375

# LAUNTOP

## GASOLINE GENERATOR



# GASOLINE GENERATOR



### Feature:

- Emergency low oil alert.
- Circuit breaker protects overload operation.
- Self-excited and voltage-constant with AVR.
- Easy starting, smooth running with minimal vibration.
- Low noise level & Low consumption.
- Excellent durability and reliability.



### SPECIFICATION

GASOLINE GENERATOR				
Model	LT2500CL(E) LT2500MX(E) LT2500N(E) LT2500L(E) LT2500LB(E)	LT3000CL(E) LT3000MX(E) LT3000N(E) LT3000L(E) LT3000LB(E)	LT3500CL(E) LT3500MX(E) LT3500N(E) LT3500L(E) LT3500LB(E)	LT3700CL(E) LT3700MX(E) LT3700N(E) LT3700L(E) LT3700LB(E)
<b>Voltage (V)</b>	110-240	110-240	110-240	110-240
<b>Frequency (Hz)</b>	50/60	50/60	50/60	50/60
<b>Rate. AC output (kW)</b>	2.0/2.3	2.3/2.5	2.5/2.8	2.8/3.0
<b>Max. AC output (kW)</b>	2.3/2.5	2.5/2.8	2.8/3.1	3.1/3.3
<b>Power Factor cos Φ</b>	1.0	1.0	1.0	1.0
<b>DC output (V/A)</b>	12/6	12/6	12/6	12/6
<b>Engine model</b>	LT210	LT210	LT210	LT225
<b>Starting system</b>	Recoil/Electric	Recoil/Electric	Recoil/Electric	Recoil/Electric
<b>Displacement (cc)</b>	208	208	208	223
<b>Engine speed (rpm)</b>	3000/3600	3000/3600	3000/3600	3000/3600
<b>Lube oil capacity (L)</b>	0.6	0.6	0.6	0.6
<b>Fuel tank capacity (L)</b>	15 LT2500LB:17L	15 LT3000LB:17L	15 LT3500LB: 17L	15 LT3700LB:17L
<b>Continuous operating hour (h)</b>	8.6 LT2500LB: 9.7	7.7 LT3000LB: 8.7	7.3 LT3500LB: 8.3	6.5 LT3700LB: 7.4
<b>Fuel consumption (g/kW h)</b>	≤630	≤610	≤590	≤590
<b>Noise (7 meters away) dB (A)</b>	≤67	≤68	≤68	≤69
<b>Dimension (L×W×H) (mm)</b>	590×433(448)×(430-483) LT2500L(E):680×450×460 LT2500LB(E):620×470×530	590×433(448)×(430-483) LT3000L(E):680×450×460 LT3000LB(E):620×470×530	590×433(448)×(430-483) LT3500L(E):680×450×460 LT3500LB(E):620×470×530	590×433(448)×(430-483) LT3700L(E):680×450×460 LT3700LB(E):620×470×530
<b>Net weight (recoil) (kg)</b>	39 LT2500LB(E): 40	39 LT3000LB(E): 41	44 LT3500LB(E):46	46 LT3700LB(E): 48

# LAUNTOP

## GASOLINE GENERATOR



# GASOLINE GENERATOR



### Feature:

- Emergency low oil alert.
- Circuit breaker protects overload operation.
- Self-excited and voltage-constant with AVR.
- Easy starting, smooth running with minimal vibration.
- Low noise level & Low consumption.
- Excellent durability and reliability.



### SPECIFICATION

GASOLINE GENERATOR				
Model	LT3800CL(E) LT3800MX(E) LT3800N(E) LT3800L(E) LT3800LB(E)	LT4500CL(E) LT4500MX(E) LT4500N(E) LT4500L(E) LT4500LB(E)	LT5000CL(E) LT5000MX(E) LT5000N(E) LT5000L(E) LT5000LB(E)	LT6500CL(E) LT6500MX(E) LT6500N(E) LT6500L(E) LT6500LB(E)
<b>Voltage (V)</b>	110-240	110-240	110-240	110-240
<b>Frequency (Hz)</b>	50/60	50/60	50/60	50/60
<b>Rate. AC output (kW)</b>	3.0/3.3	3.5/3.8	4.0/4.5	5.0/5.5
<b>Max. AC output (kW)</b>	3.3/3.6	3.8/4.2	4.5/5.0	5.5/6.0
<b>Power Factor cos Φ</b>	1.0	1.0	1.0	1.0
<b>DC output (V/A)</b>	12/6	12/6	12/6	12/6
<b>Engine model</b>	LT225	LT225	LT420	LT420
<b>Starting system</b>	Recoil/Electric	Recoil/Electric	Recoil/Electric	Recoil/Electric
<b>Displacement (cc)</b>	223	270	420	420
<b>Engine speed (rpm)</b>	3000/3600	3000/3600	3000/3600	3000/3600
<b>Lube oil capacity (L)</b>	0.6	1.1	1.1	1.1
<b>Fuel tank capacity (L)</b>	15 LT3800LB:17L	25 LT4000LB:28L	25 LT5000LB:28L	25 LT6500LB:28L
<b>Continuous operating hour (h)</b>	6.2 LT3800LB:7	10.9 LT4000LB:12.28.7	7.8 LT5000LB:8.8	6.9 LT6500LB:7.7
<b>Fuel consumption (g/kW h)</b>	≤580	≤550	≤580	≤520
<b>Noise (7 meters away) dB (A)</b>	≤69	≤72	≤75	≤75
<b>Dimension (L×W×H) (mm)</b>	590×433(448)×(430-483) LT3800L(E):680×450×460 LT3800LB(E):620×470×530	685×512×550 LT4000L(E):800×515×550 LT4000LB(E):720×530×610	685×512×550 LT5000L(E):800×515×550 LT5000LB(E):720×530×610	685×512×550 LT6500L(E):800×515×550 LT6500LB(E):720×530×610
<b>Net weight (recoil) (kg)</b>	48 LT3800LB(E):50	68 LT4000LB(E):69	80 LT5000LB(E):81	85 LT6500LB(E):86

# LAUNTOP GASOLINE GENERATOR



# GASOLINE GENERATOR

-  Air Cooled Engine
-  IP 22 Protection
-  Gasoline Engine
-  Noise Compliant

## Feature:

- Circuit breaker protects overload operation.
- Self-excited and voltage-constant with AVR.
- Easy starting, smooth running with minimal vibration.
- Low noise level & Low consumption.
- Excellent durability and reliability.



## SPECIFICATION

GASOLINE GENERATOR				
Model	LT7500CL(E) LT7500MX(E) LT7500N(E) LT7500L(E) LT7500LB(E)	LT9000CL(E) LT9000MX(E) LT9000N(E) LT9000L(E) LT9000LB(E)	LT10000LB(E)	LT12000CL(E)
<b>Voltage (V)</b>	110-240	110-240	110-240	110-240
<b>Frequency (Hz)</b>	50/60	50/60	50/60	50/60
<b>Rate. AC output (kW)</b>	6.0/6.5	6.5/7.0	7.5/8.0	9.0/9.5
<b>Max. AC output (kW)</b>	6.5/7.0	7.1/7.7	8.0/8.5	9.5/10.0
<b>Power Factor cos Φ</b>	1.0	1.0	1.0	1.0
<b>DC output (V/A)</b>	12/6	12/6	12/6	12/6
<b>Engine model</b>	LT420	LT460	LT460	R670D-A
<b>Starting system</b>	Recoil/Electric	Recoil/Electric	Recoil/Electric	Recoil/Electric
<b>Displacement (cc)</b>	420	458.5	458.5	670
<b>Engine speed (rpm)</b>	3000/3600	3000/3600	3000/3600	3000/3600
<b>Lube oil capacity (L)</b>	1.1	1.1	1.1	1.5
<b>Fuel tank capacity (L)</b>	25 LT7500LB:28L	25 LT9000LB:28L	25 LT10000LB:28L	50
<b>Continuous operating hour (h)</b>	6.5 LT7500LB:7.3	5.5 LT9000LB:6.2	4.8 LT10000LB:5.4	8.69
<b>Fuel consumption (g/kW h)</b>	≤460	≤500	≤480	≤460
<b>Noise (7 meters away) dB (A)</b>	≤76	≤78	≤80	≤82
<b>Dimension (LxWxH) (mm)</b>	685x512x550 LT7500L(E):800x515x550 LT7500LB(E):720x530x610	685x512x550 LT9000L(E):800x515x550 LT9000LB(E):720x530x610	685x512x550 LT10000LB(E):720x530x610	860x658x645
<b>Net weight (recoil) (kg)</b>	71 LT7500LB(E):74	75 LT9000LB(E):78	80 LT10000LB(E):87	150

# LAUNTOP

## SILENT GASOLINE GENERATOR



# SILENT GASOLINE GENERATOR



### Feature:

- Proven Launtop Technology
- Proven economy and reliability
- Compact and lightweight
- Fast and easy all weather starting
- Automatic low oil level cut out
- Heavy duty air cleaners
- Lower fuel consumption compared to LA engines



### SPECIFICATION

SILENT GASOLINE GENERATOR		
Model	LT6500S	LT7500S
Voltage (V)	110-240	110-240
Frequency (Hz)	50/60	50/60
Rate. AC output (kW)	4.5/5.0	5.5/6.0
Max. AC output (kW)	5.0/5.5	6.0/6.6
Power Factor cos $\Phi$	1.0	1.0
DC output (V/A)	12/6	12/6
Engine model	LT420	LT420
Starting system	420	420
Displacement (cc)	3000/3600	3000/3600
Engine speed (rpm)	1.1	1.1
Lube oil capacity (L)	15	15
Fuel tank capacity (L)	4.3	4
Fuel consumption (g/kW h)	≤550	≤490
Noise (7 meters away) dB (A)	≤69	≤69
Dimension (L×W×H) (mm)	1000×520×740	1000×520×740
Net weight (recoil) (kg)	123	126



# LAUNTOP

## TWIN-CYLINDER GASOLINE GENERATOR



# TWIN-CYLINDER GASOLINE GENERATOR

- Air Cooled Engine
- IP 22 Protection
- Gasoline Engine
- Noise Compliant

### Feature:

- Emergency low oil alert.
- Circuit breaker protects overload operation.
- Self-excited and voltage-constant with AVR.
- Easy starting, smooth running with minimal vibration.
- Low noise level & Low consumption.
- Excellent durability and reliability.

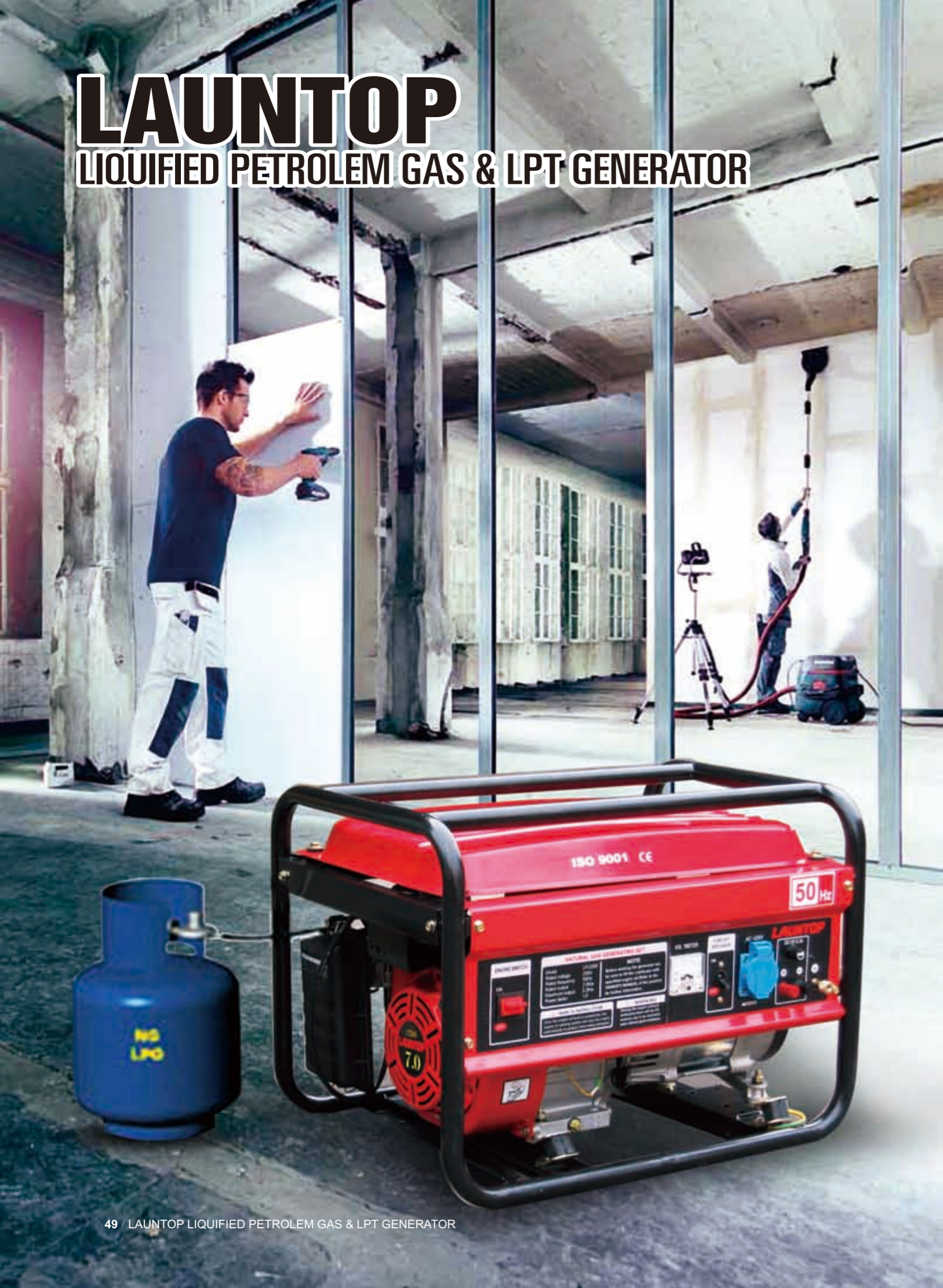


### SPECIFICATION

TWIN-CYLINDER GASOLINE GENERATOR				
Model	LT11000ME	LT13000ME	LT11000S	LT13000S
Voltage (V)	110-240	110-240	110-240	110-240
Frequency (Hz)	50/60	50/60	50/60	50/60
Rate. AC output (kW)	8.5/9.5KW	10.0/10.5KW	8.5/9.5KW	10.0/10.5KW
Max. AC output (kW)	9.5/10.5KW	10.5/11.0KW	9.5/10.5KW	10.5/11.0KW
Power Factor cos Φ	1.0	1.0	1.0	1.0
DC output (V/A)	12/6	12/6	12/6	12/6
Engine model	LT620	R670	LT620	R670
Starting system	Electric	Electric	Electric	Electric
Displacement (cc)	614	670	614	670
Engine speed (rpm)	3000/3600	3000/3600	3000/3600	3000/3600
Lube oil capacity (L)	1.5	1.5	1.5	1.5
Fuel tank capacity (L)	25	25	25	25
Fuel consumption (g/kW h)	≤510	≤480	≤510	≤480
Noise (7 meters away) dB (A)	≤77	≤77	≤66	≤66
Dimension (L×W×H) (mm)	930×555×580	930×555×580	990×640×945	990×640×945
Net weight (recoil) (kg)	140	140	230	230

# LAUNTOP

## LIQUIFIED PETROLEUM GAS & LPT GENERATOR



# LIQUIFIED PETROLEUM GAS & LPT GENERATOR

DUAL FUEL

- Air Cooled Engine
- IP 22 Protection
- Gasoline Engine
- Noise Compliant

### Feature:

- Dual Purpose generator with LPG & Petrol engine.
- Circuit breaker protects overload operation.
- Self-excited and voltage-constant with AVR.
- Easy starting, smooth running with minimal vibration.
- Low noise level & Low consumption.
- Excellent durability and reliability.



### SPECIFICATION

LIQUIFIED PETROLEUM GAS & LPT GENERATOR				
Model	LPG2500CL(E)	LPG6500CL(E)	LPT2500CL(E)	LPT6500CL(E)
Voltage (V)	110-240	110-240	110-240	110-240
Frequency (Hz)	50/60	50/60	50/60	50/60
Rate. AC output (kW)	1.8/2.0	4.5/5.0	1.8/2.0	4.5/5.0
Max. AC output (kW)	2.0/2.3	5.0/5.5	2.0/2.3	5.0/5.5
Power Factor cos Φ	1.0	1.0	1.0	1.0
DC output (V/A)	12/6	12/6	12/6	12/6
Fuel	LPG	LPG	LPG or Gasoline	LPG or Gasoline
Engine model	LPG210	LPG420	LPT210	LPT420
Starting system	Recoil/Electric	Recoil/Electric	Recoil/Electric	Recoil/Electric
Displacement (cc)	208	420	208	420
Engine speed (rpm)	3000/3600	3000/3600	3000/3600	3000/3600
Lube oil capacity (L)	0.6	1.1	0.6	1.1
Fuel tank capacity (L)	15	25	15	25
Fuel consumption (g/kW h)	≤630	≤520	≤630	≤520
Noise (7 meters away) dB (A)	≤67	≤75	≤67	≤75
Dimension (LxWxH) (mm)	590X433X483	685X512X550	590X433X483	685X512X550
Net weight (recoil) (kg)	39	85	39	85

# LAUNTOP

## PORTABLE GASOLINE GENERATOR

Output : 0.8kW-1.1kW



# PORTABLE GASOLINE GENERATOR

-  Air Cooled Engine
-  IP 22 Protection
-  Gasoline Engine
-  Noise Compliant

### Feature:

- Portable and light weight perfect for BBQ, Camping.
- Low noise level & Low consumption.
- Easy operation and maintaince.
- Excellent durability and reliability.



### SPECIFICATION

PORTABLE GASOLINE GENERATOR			
Model	LT950	LT1200C	LT1200CL
Voltage (V)	110-240	110-240	110-240
Frequency (Hz)	50/60	50/60	50/60
Rate. AC output (kW)	0.65/0.72	0.9/1.0	0.9/1.0
Max. AC output (kW)	0.72/0.8	1.0/1.1	1.0/1.1
Power Factor cos Φ	1.0	1.0	1.0
DC output (V/A)	12/4	12/6	12/6
Engine model	LT63	LT87	LT87
Starting system	63	87	87
Displacement (cc)	3000/3600	3000/3600	3000/3600
Engine speed (rpm)	/	0.4	0.4
Lube oil capacity (L)	4.2	5	5
Fuel tank capacity (L)	5	4.3	4.3
Fuel consumption (g/kW h)	≤900	≤920	≤920
Noise (7 meters away) dB (A)	≤65	≤65	≤65
Dimension (LxWxH) (mm)	370x315x310	465x375x380	465x375x380
Net weight (recoil) (kg)	19	26	27




# LAUNTOP

## GASOLINE WATER PUMP

Max.capacity: 18-65m<sup>3</sup>/hr



# GASOLINE WATER PUMP

-  Air Cooled Engine
-  Gasoline Engine
-  Noise Compliant

### Feature:

- Offer the most reliable water removal.
- Powerful OHV design for quick and easy priming.
- Full frame type light and compact design make more sturdy and durable.
- Durable mechanical seals & cast iron volute & impeller keep running longer and more efficiently.



### SPECIFICATION

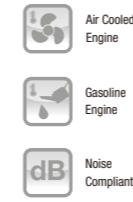
Gasoline Water Pump				
Model	LTP40C	LTP50C	LTP80C	LTP100C
Inlet(inch)	1.5	2	3	4
Outlet(inch)	1.5	2	3	4
Max.capacity(m <sup>3</sup> /hr)	18	30	50	65
Max.discharge head(m)	28	25	25	25
Self-priming time(S/4m)	80	70	120	180
Max.suction head(m)	8	8	8	8
Engine model	LT154	LT210P	LT210P	LT270P
Fuel tank capacity (L)	1.5	3.6	3.6	6
Dimension (LxWxH)(mm)	435x330x315	450x375x375	510x375x435	610x480x575
Net weight(recoil) (kg)	17	24	25	41.7

# LAUNTOP

## GASOLINE HIGH PRESSURE PUMP

Max.capacity: 17-40 m<sup>3</sup>/hr

# GASOLINE HIGH PRESSURE PUMP



### Feature:

- Offer the most reliable water removal.
- Powerful OHV design for quick and easy priming.
- Full frame type light and compact design make more sturdy and durable.
- Durable mechanical seals & cast iron volute & impeller keep running longer and more efficiently.



### SPECIFICATION

Gasoline High Pressure Pump					
Model	LTF40C	LTF40C-2	LTF50C	LTF50C-2	LTF80C
Inlet(inch)	1.5	1.5	2	2	3
Outlet(inch)	1" * 2, 1.5" * 1	1" * 2, 1.5" * 1	2" * 1, 1.5" * 2	2" * 1, 1.5" * 2	3" * 1
Impeller No.	1	2	1	2	1
Max.capacity(m <sup>3</sup> /hr)	17	15	20	20	40
Max.discharge head(m)	55	75	55	75	65
Self-priming time(S/4m)	30	30	30	30	30
Max.suction head(m)	8	8	8	8	8
Engine model	LT210P	LT210P	LT210P	LT210P	LT420
Fuel tank capacity (L)	3.6	3.6	3.6	3.6	6
Dimension (LxWxH)(mm)	490x400x422	490x400x422	490x400x422	490x400x422	610x520x535
Net weight(recoil) (kg)	26	29	27	28	44



# LAUNTOP

## GASOLINE IRON PUMP

Max.capacity: 19-50m<sup>3</sup>/hr



# GASOLINE IRON PUMP

-  Air Cooled Engine
-  Gasoline Engine
-  Noise Compliant

### Feature:

- Offer the most reliable water removal.
- Powerful OHV design for quick and easy priming.
- Full frame type light and compact design make more sturdy and durable.
- Durable mechanical seals & cast iron volute & impeller keep running longer and more efficiently.



### SPECIFICATION

Gasoline Iron Pump			
Model	LTTP40C	LTTP50DC	LTTP80C
Inlet(inch)	1.5	2	3
Outlet(inch)	1.5	2	3
Max.capacity(m <sup>3</sup> /hr)	19	25	50
Max.discharge head(m)	55	55	65
Max.suction head(m)	8	8	8
Engine model	LT210	LT270	LT420
Fuel tank capacity (L)	3.6	6	6
Dimension (LxWxH)(mm)	420X385X375	485x480x505	535x480x515
Net weight(recoil) (kg)	35	41.6	55

# LAUNTOP

## DIESEL & GASOLINE TRASH PUMP

Max.capacity: 50-160m<sup>3</sup>/hr



# DIESEL & GASOLINE TRASH PUMP



Air Cooled Engine



Noise Compliant

### Feature:

- Offer the most reliable water removal.
- Powerful OHV design for quick and easy priming.
- Full frame type light and compact design make more sturdy and durable.
- Durable mechanical seals & cast iron volute & impeller keep running longer and more efficiently.



### SPECIFICATION

Diesel & Gasoline Trash Pump				
Model	LDWT80C	LDWT150CL	LTWT80C	LTWT80DC
Inlet(inch)	3	6	3	3
Outlet(inch)	3	6	3	3
Max.capacity(m <sup>3</sup> /hr)	50	160	50	50
Max.discharge head(m)	25	18	25	25
Max.suction head(m)	8	8	8	8
Engine model	LA178	LA192F	LT210	LT270
Fuel tank capacity (L)	3.5	12.5	3.6	6
Dimension (LxWxH)(mm)	590x450x530	850x520x820	545x435x460	620x500x515
Net weight(recoil) (kg)	48	150	35	45

# LAUNTOP

## INVERTER GENERATOR

Output: 2kW-4kW



# INVERTER GENERATOR

- Air Cooled Engine
- IP 23 Protection
- Gasoline Engine
- Noise Compliant

### Feature:

- 22% Fuel consumption Ratio lower, Long run time;
- 57dBA lower noise;
- THD <2% available directly to power precision equipment;
- Only 22kg, compact design.



### SPECIFICATION

Item	Technical Specifications			
	Model	LT2000iS	LT4000iS	LT4000iP
<b>Generator</b>	Type	Inverter	Inverter	Open Frame Inverter
	Max. AC Output(Kw)	2	4	4
	Rate. AC Output(Kw)	1.8	3.6	3.6
	Noise(dB/7m)	67	70	75
	Fuel Tank Capacity(L)	4	10	11
	Running Time At 50% Loading(H)	6	12	14
	Dimension(LxWx H mm)	498x298x459	500x400x460	500x400x460
	Net Weight(Kg)	22	37	35
	Optional	Parallel, DC, USB, Lighter Output		
<b>Engine</b>	Engine Model	Gk80i	LT225Vi	LT225Vi
	Engine Type	Single Cylinder, Forced Air-Cooling, 4-stroke		
	Starting System	Recoil	Recoil	Recoil
	BorexStroke(mm)	48.6x43	70x59	70x59
	Displacement(cc)	79	223	223
	Fuel Consumption(g/kw.h)	≤450	≤450	≤450



# POWER YOU CAN TRUST

LAUNTOP WELDING GENERATOR

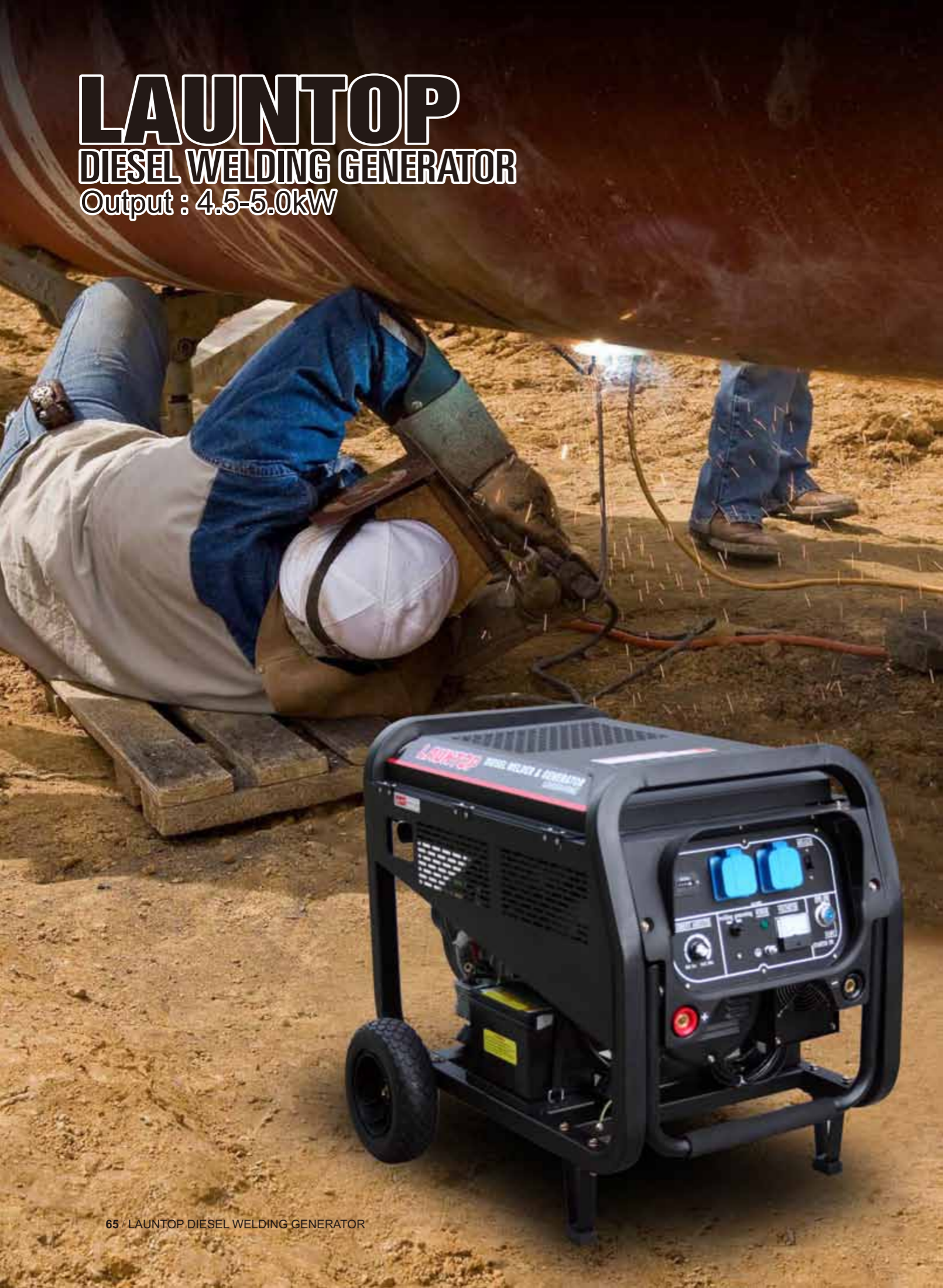
**LAUNTOP**<sup>®</sup>



# LAUNTOP

## DIESEL WELDING GENERATOR

Output : 4.5-5.0kW



# DIESEL WELDING GENERATOR



### Feature:

- Inductor install to make sure the stable performance.
- Support welding rod from 2.0mm-6.0mm.
- 60% duty cycle.
- AVR alternator provides stable voltage and current.
- Circuit breaker protects overload operation.



### SPECIFICATION

WELDING GENERATOR					
Model	LDW180A(E)	LDW180AR(E)	LDW180ARK(E)	LDW180ARN(E)	LDW200ARN(E)
Alternator type	Brush, 2-pole, Welding				
Voltage (V)	110-240				
Frequency (Hz)	50/60				
Rate. AC Output (kW)	4.5/5.0				
Max. AC Output (kW)	5.0/5.5				
Power factor	1.0				
DC Output (V/A)	12/6				
Fuel consumption (kW-h)	≤400				≤370
Noise level at 7meters, dB(A)	≤82				
Welder	No load Voltage (V)	62~68			
	Operating welding voltage (V)	22~26			
	Operation Current (A)	50~130			50~150
	Max. Arcing Current (A)	180			200
	Duty Cycle (a)	60%			
Engine Model	LA186FA			LA188F	
Engine Type	Single-cylinder, Vertical, 4-stroke, air-cooled, direction injection				
Displacement (cc)	418			474	
Engine Speed (rpm)	3000/3600				
Starting Method	Manual/Electric start				
Lube Oil Capacity (L)	1.65				
Fuel Capacity (L)	12.5				
Dimension (L*W*H) mm	740*475*590	740*475*605	750*485*630	800*525*600	
Net Weight (kg)	106(118)	113 (125)	121(133)	118 (130)	123 (135)

# LAUNTOP

## DIESEL WELDING GENERATOR

Output : 3.5kW-11kW



# DIESEL WELDING GENERATOR

- Air Cooled Engine
- IP 23 Protection
- Diesel Engine
- Noise Compliant

### Feature:

- Inductor install to make sure the stable performance.
- Support welding rod from 2.0mm-6.0mm.
- 60% duty cycle.
- AVR alternator provides stable voltage and current.
- Circuit breaker protects overload operation.



### SPECIFICATION

WELDING GENERATOR						
<b>Model</b>	LDG12-300A	LDW300ARE	LDW180AS	LDW180ARS	LDW200AR(E)	
<b>Alternator type</b>	Brush, 2-pole, Welding					
<b>Voltage (V)</b>	110-240					
<b>Frequency (Hz)</b>	50/60					
<b>Rate. AC Output (kW)</b>	10/10	3.0/3.3	4.5/5.0	4.5/5.0	4.5/5.0	
<b>Max. AC Output (kW)</b>	11/11	3.3/3.6	5.0/5.5	5.0/5.5	5.0/5.5	
<b>Power factor</b>	1.0					
<b>DC Output (V/A)</b>	12/6					
<b>Fuel consumption (kW-h)</b>	≤350	≤1170	≤400	≤400	≤370	
<b>Noise level at 7meters, dB(A)</b>	≤82		≤71		≤82	
<b>Welder</b>	<b>No load Voltage (V)</b>	62~68	75~80	62~68	62~68	62~68
	<b>Operating welding voltage (V)</b>	22~32		22~26		22~26
	<b>Operation Current (A)</b>	50~270		50~130		50~150
	<b>Max. Arcing Current (A)</b>	300		180		200
	<b>Duty Cycle (a)</b>	60%				
<b>Engine Model</b>	LA290F		LA186FA		LA188F	
<b>Engine Type</b>	Twin-cylinder, Vertical, 4-stroke, air-cooled		Single-cylinder, Vertical, 4-stroke, air-cooled			
<b>Displacement (cc)</b>	954		418		474	
<b>Engine Speed (rpm)</b>	3000/3600					
<b>Starting Method</b>	Electric start				Manual/Electric start	
<b>Lube Oil Capacity (L)</b>	3		1.65		1.65	
<b>Fuel Capacity (L)</b>	25		16		12.5	
<b>Dimension (L*W*H) mm</b>	910*578*668	1070*578*668	900*520*700		750*485*630	
<b>Net Weight (kg)</b>	195		158	165	121(133)	

# LAUNTOP

## GASOLINE WELDING GENERATOR

Output: 5.5-13kW



# GASOLINE WELDING GENERATOR

-  Air Cooled Engine
-  IP 23 Protection
-  Diesel Engine
-  Noise Compliant

### Feature:

- Inductor install to make sure the stable performance.
- Support welding rod from 2.0mm-6.0mm.
- 60% duty cycle.
- AVR alternator provides stable voltage and current.
- Circuit breaker protects overload operation.



### SPECIFICATION

GASOLINE WELDING GENERATOR				
Model	LTW200A(E)	LTW200AR(E)	LTW200ARLB(E)	LT11000ME-300A
Alternator type	Brush, 2-pole, Welding			
Voltage (V)	110-240			
Frequency (Hz)	50/60			
Rate. AC Output (kW)	4.5/5.0		8.5/9.5	
Max. AC Output (kW)	5.0/5.5		9.5/10.5	
Power factor	1.0			
DC Output (V/A)	12/6			
Fuel consumption (kW-h)	≤490		≤510	
Noise level at 7meters, dB(A)	≤76		≤77	
Welder	No load Voltage (V)	62~68		70~85
	Operating welding voltage (V)	22~26		22~30
	Operation Current (A)	50~130		50~250
	Max. Arcing Current (A)	200		300
	Duty Cycle (a)	60%		
Engine Model	LA186FA			
Engine Type	Single-cylinder, Vertical, 4-stroke, air-cooled, direction injection		Twin-cylinder, V type, 4-Stroke, Air-cooled OHV	
Displacement (cc)	418		614	
Engine Speed (rpm)	3000/3600			
Starting Method	Manual/Electric start		Electric Start	
Lube Oil Capacity (L)	1.1		1.5	
Fuel Capacity (L)	25	28	25	
Dimension (L*W*H) mm	685*520*565	685*520*625	720*530*680	930*555*580
Net Weight (kg)	94 (100)	101 (107)	94 (100)	145

# POWER YOU CAN TRUST

LAUNTOP DIESEL & GASOLINE TILLER

**LAUNTOP**<sup>®</sup>



# TILLERS

## DIESEL & GASOLINE TILLER

### Technical Data

### DIESEL TILLER

Model		GK1000D	GK1050D	GK1350D
Engine	Engine Model	Diesel LA173	Diesel LA178	Diesel LA186FA
	Displacement(cc)	247	296	418
	Max Output(hp.kw/rpm)	5 (3.7) / 3600	6 (4.3) / 3600	10 (6.3) / 3600
	Starting System	Recoil Start	Recoil/ Electric Start	Recoil/ Electric Start
	Engine oil capacity	0.75	1.1	1.65
	Fuel tank capacity	2.5	3.5	5.5
	Rate rotating speed	3600	3600	3600
	Tiller	Tilling Width(mm)	750-1000	800-1050
Tilling Depth(mm)		150-300	150-300	150-300
Gearbox oil capacityL		1.3	2.0	2.0
Shifting Gears		1,0 (-1), 2	1,0 (-1), 2	1,0 (-1), 2
Transmission Mode		Gear	Gear	Gear
Transporting Wheels		4.00-8	4.0-8 /5.0-12	4.0-8 /5.0-12
Tilling Blades		3+1 group 24pcs	3+1 group 32pcs	3+1+1 group 40pcs
Packing Dimensions(mm)		820*460*780	1050*570*780	1050*570*780
Dimensions(mm)		1500*800*1100	1600*1050*1100	1600*1050*1100
N.W/G.W(kg)		88 / 98	120 / 130	135 / 145
Cont. Load (20 gp)		105	65	65
Cont. Load (40 hc)		210	132	132



### Technical Data

### GASOLINE TILLER

Model		GK750	GK900	GK1000	GK1050	GK1350
Engine	Engine Model	Gasoline LT210	Gasoline LT210	Gasoline LT210	Gasoline LT225	Gasoline LT390
	Displacement(cc)	212	212	212	223	389
	Max Output(hp.kw/rpm)	7 ( 4.4 ) /3600	7 (4.4) / 3600	7 ( 4.4 ) /3600	8 (5.0) / 3600	11 ( 7.8 ) /3600
	Starting System	Recoil Start	Recoil Start	Recoil Start	Recoil/ Electric Start	Recoil/ Electric Start
	Engine oil capacity	0.6	0.6	0.6	0.6	1.1
	Fuel tank capacity	3.5	3.5	3.5	3.5	6.5
	Rate rotating speed	3600	3600	3600	3600	3600
	Tiller	Tilling Width(mm)	600-750	600-950	750-1000	800-1050
Tilling Depth(mm)		150-300	150-300	150-300	150-300	150-300
Gearbox oil capacityL		0.8	1.0	1.3	2.0	2.0
Shifting Gears		-1,0,2,0,1(-1,0,2,1)	-1,0,2,0,1(-1,0,2,1)	1, 0 ( -1 ) , 2	1, 0 (-1), 2	1, 0 ( -1 ) , 2
Transmission Mode		Belt	Belt	Gear	Gear	Gear
Transporting Wheels		3.50-6	4.0-8	4.00-8	4.0-8 /5.0-12	4.0-8 /5.0-12
Tilling Blades		2+1 group 24pcs	3+1 group 24pcs	3+1 group 24pcs	3+1 group 32pcs	3+1+1 group 40pcs
Packing Dimensions(mm)		820*380*780	820*460*780	820*460*780	1050*570*780	1050*570*780
Dimensions(mm)		1550*650*1050	1500*750*1100	1500*800*1100	1600*1050*1100	1600*1050*1100
N.W/G.W(kg)		63 / 71	80/ 90	81 / 91	115 / 125	122/ 132
Cont. Load (20 gp)		126	105	105	65	65
Cont. Load (40 hc)		258	210	210	132	132

