

HUA SHENG ZHONG TIAN

KASEI[®] 70 YEARS

BE SPECIALIZED BE EXCELLENT
70Year'professional
manufacturing creating
excellent quality

Company introduction

Shandong Huasheng Zhongtian Machinery Group Co., Ltd. was founded in 1951, has 70 years of professional manufacturing history. The company is located in the High and New-tech Industrial Development Zone, Linyi City, Shandong China, covering over 800,000 sq.m., possessing 1,500 million RMB in capital and over 3000 employees. Our group is consisted of Shandong Huasheng Pesticide Machinery Co., Ltd., Shandong Huasheng Zhongtian Engineering Machinery Co., Ltd., Shandong Wish Plant Protection Machinery Co., Ltd., Shandong Carter Heavy Industry Co., LTD.. It is a large group which integrates research, manufacture and trade. The enterprise obtained the National May 1st Labor Diploma, Top 500 of China Machinery Industry, Civilied enterprise of National Machinery Industry, Demonstrating Enterprise for Advanced Manage of Machinery Industry, Modern Manage Enterprise of Machinery Industry. Huasheng Zhongtian is the largest exporting base in China for small-size gasoline engines, garden machinery, plant-protection machinery, forest-protection machinery and small-size construction machinery. Huasheng Zhongtian ranks the NO.1 in economy efficiency, dimensions, and products quality.

Managing Scope: Huasheng Zhongtian mainly manufactures 2-stroke and 4-stroke gasoline engine under 30HP, gas engine, garden machinery, plant-protection machinery, agricultural machinery, water pump, generator, engineering machinery in

7 series and over 350 types of products. Our sales and after-sale service cover the entire world, for small-size gasoline engine, garden machinery, plant-protection machinery and ranks NO.1 both in manufacturing and exporting. Our products dominate the national market and are exported to more than 80 countries and districts all over the world. Industry Status: Huasheng Zhongtian is a large enterprise in China. We are the directorated member of the Plant-Protection and Clearing Machinery Association, Gasoline Engine Association and China Wood Machinery Association. Recently, we establish 13 terms of country standard in engine industry and 17 terms are handed to the committee. The brand HUASHENG TAISHAN is appraised as China Famous Brand, the main products have obtained national honors as National Inspection Exemption, and national silver medal, second-scale prize for national technology progress, national generalizing demonstrating products, the national emphasized generalizing products, national consumer satisfied products and famous brand of China agriculture. Huasheng Zhongtian has been named the new technology enterprise by the Shandong province.

Outstanding Research Capacity: Huasheng Zhongtian possesses an advanced technology center and has a powerful research capacity. Our R&D center is granted as "national accredited R&D center" in 2009, possessing China accredited lab. We are recognized as not only a provincial technology



center who owns national labs but also we have a national enterprise for CAD drawings.

We are a provincial new-tech enterprise and first provincial industry design center which owns over 300 mid and high-grade researchers, holding over 100 patents. We have the capacity to develop over 10 kinds of new products per year, we own the property rights and pass provincial examination. The newly developed gasoline engines meet the Euro II, EPA II requirements, aeromodelling, vehicle modelling, ship modelling engines represent the highest level of satisfaction for the advanced European and American consumers. The rate of new production value is over 30%; we win prominent economic profits and social efficiency.

Equipment Level: Huasheng Zhongtian imports modernized equipments from Japan, Italy and Germany. Huasheng Zhongtian is operating 1200 pieces of mechanical equipment, including 80 assembly lines, 330 mechanical electrical equipments, 130 tests experimental equipments, and leads the advanced domestic level.

Quality management: Huasheng Zhongtian was the devoted quality management leader from 1979 to the 1998 for ISO9000. Huasheng is actively applying an international advanced quality theory of methodology, pursuing excellent performance is recognized as an important method

to build a brand name and promote our international competitiveness. Certificate: Huasheng Zhongtian has successfully passed ISO9001:2008. The products have passed 3C, CE, GS, EPA, EMC, Noises test, and Euro II e-MARK.

Managing level: Huasheng Zhongtian actively applies the keep-improving advanced management method, injecting investment capital to ERP, collecting and sharing all kind of data of the enterprise, operation procedures, work automation, manage systematically and with digital procedures. The ERP promotes the advanced managing level and competition capacity of Huasheng. Huasheng Zhongtian is recognized not only as the demonstrating enterprise of advanced management but also the sample of successfully applying ERP to national machinery industry.

Future Tactic: Under the correct heading, Huasheng people create great achievements, establishing a world-famous brand as a century-vigorous enterprise, accomplishing the top brand in China, and keep Huasheng the NO.1 position in China for small-size gasoline engine, garden machinery, plant-protection machinery and small-size construction machinery. To have consumers more satisfied, employees more felicitous, homeland more prosperous we will try to build Huasheng Zhongtian will be set up as a large influential and modernized world company.



HISTORY

1951, The company was founded.

1966, The company changed its name to "Linyi Agricultural Pesticide Machinery factory".

1970, The 1st small-sized 2 stroke gasoline engine in China was born in our company.

1971, WFB-18AC backpack mist duster was designed and manufactured, it marked that the plant protection machinery changed from manual control to protection by machinery.

1983, 1988, The silver medal----Industry high quality award.

1989, The 1st backpack brush cutter in China was born in our company.

1995, The 1st shoulder type brush cutter in China was born in our company.

1996, The 1st power sprayer in China was born in our company.

2002, The 1st backpack hedge trimmer and the 1st hand type hedge trimmer in China developed successfully in our company.

2008, American EPA award.



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KASEI
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KASEI
PRODUCT

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Lithium Series



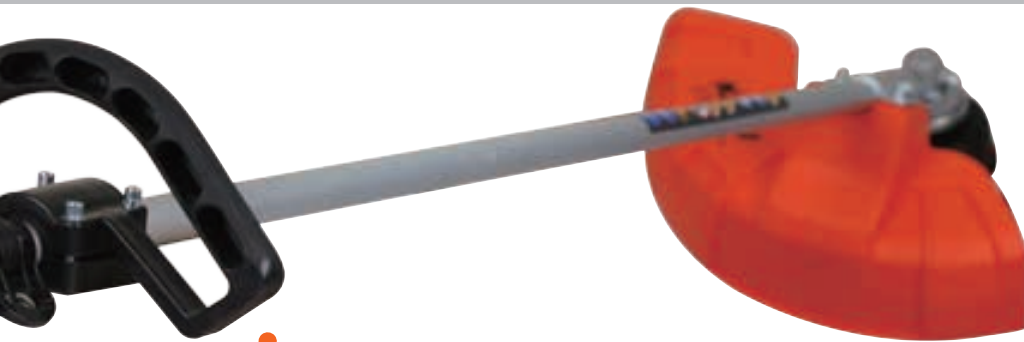
Brush Cutter

750kw Brushless DC motor, max power 750kw
LED indicator light for control panel
2 gears for high and low, with reversal function



Blower

Model	EB-36D
Rated voltage	36V
Charging time	2h
Using period of high speed	10min
Weight	3.9kg



Model	3GC36D
Rated voltage	36V
Charging time	2h
Using period of high speed	30min
Weight	5.8kg



36V/4.0Ah

General battery, suitable for various products



Trimmer

Model	GJB1-D
Rated voltage	36V
Charging time	2h
Using period of high speed	90min
Weight	5.2kg

EX Series

13 / 17 / 21 / 27 / 40



- EXtremely Silent-Soft Tone Quality
- EXtremely Easy Start-No Kick-Back
- EXtremely Easy Maintenance
- EXtremely Advanced Technology
- EXtremely Power and Performance

**Air cooled 4 cycle
OHC Gasoline Engine**



EX13



EX21



EX27



EX40

Model	EX13	EX17	EX21	EX27	EX40
Bore*Stroke(mm)	58×48	67×48	67×60	75×60	89×65
Displacement(cm ³)	126	169	211	265	404
Max Output(Kw/r/min)	2.2 /3600	4.2 /4000	5.1 /4000	6.6 /4000	8.8 /3600
Net weight(kg)	14	15	16	21	33
Fuel tank Capacity(l)	2.3	3.2	3.2	5.6	6.8

Professional brush cutter

600 hours durability

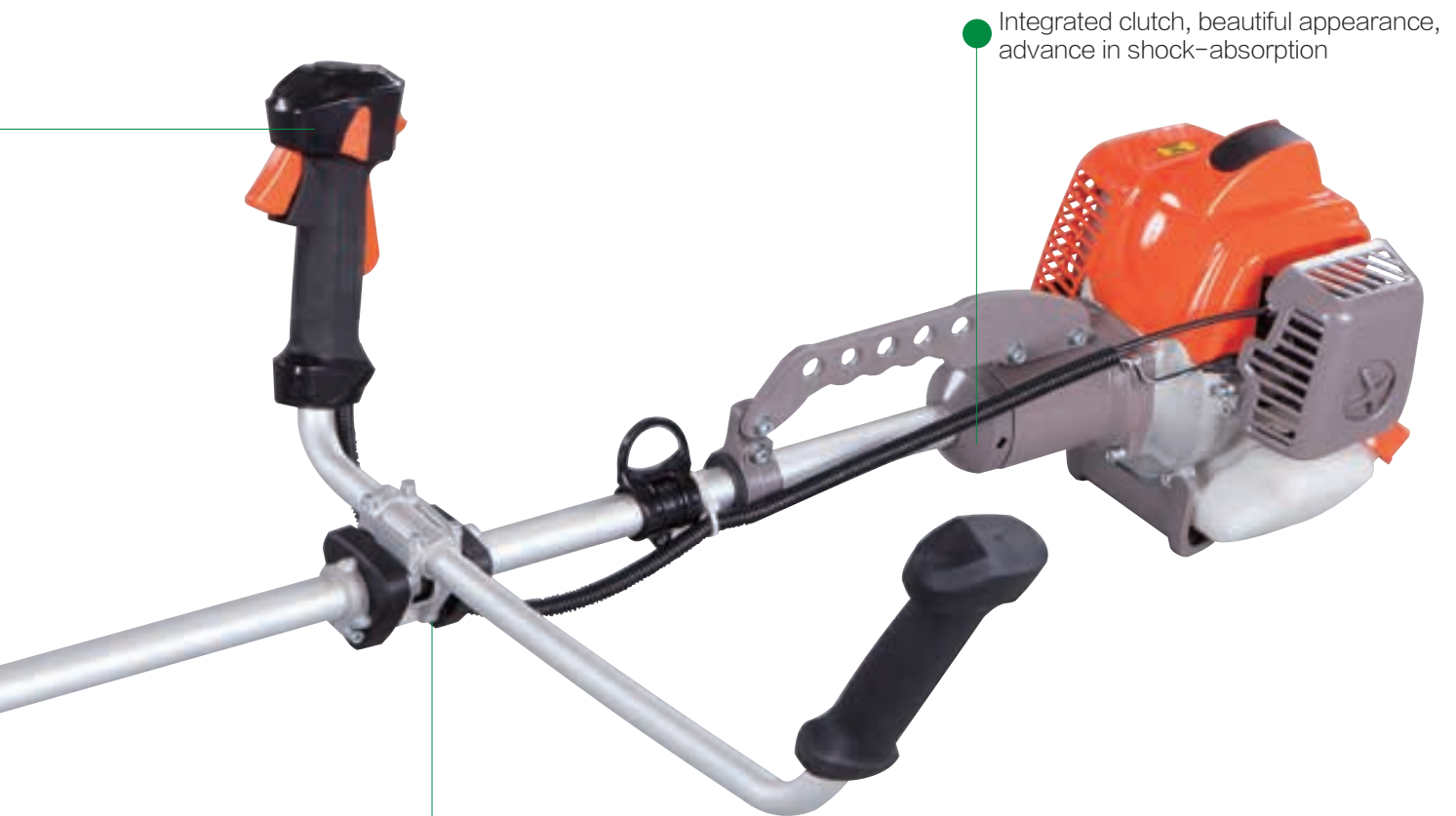
New lever assembly, with assistant button, easy start



Professional gear case, connect safety guards directly to gear case



New safety guards, beautiful appearance, easy to assembly



Integrated clutch, beautiful appearance, advance in shock-absorption

New designed bracket, advance in shock-absorption

3GC330B	HP33 32.6cm ³ 0.9kw/1.2hp 8.5kg
3GC400	HP40A 39.8cm ³ 1.25kw/1.7hp 8.9kg



Walbro carburetor



STARTING STARTER



NGK spark plug



New belt, beautiful and comfortable

Brush Cutters

3GC330,3GC430A | Powerful, efficient and lightweight

Comfortable,robust brushcutter.With straight shaft,solid drive shaft and ergonomic bike handle.For working on large areas of tough grass.

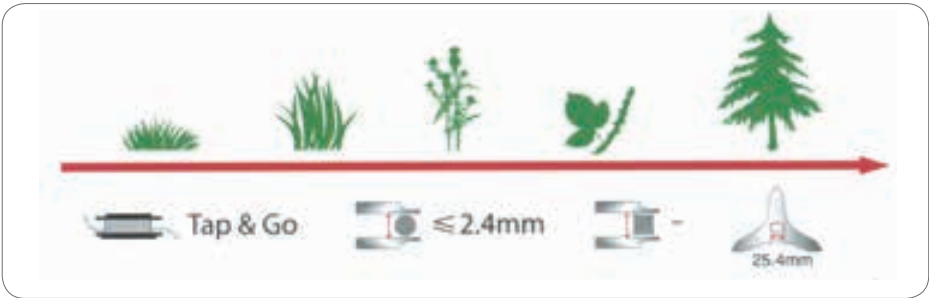


3GC330	32.6cm ³ 0.9kw/1.2hp
3GC430A	42.7cm ³ 1.1kw/1.5hp
3GC520A	51.7cm ³ 1.3kw/1.77hp

- Effective anti-vibration system
- Engine clean air-intake system
- Combiation throttle/switch structure
- Auto feed nylon head and blade



New designed bracket, advance in shock-absorption



3GC430,3GC630 | Very robust and Powerful

Comfortable, robust brushcutter. With straight shaft, solid drive shaft and ergonomic bike handle. For working on large areas of tough grass.

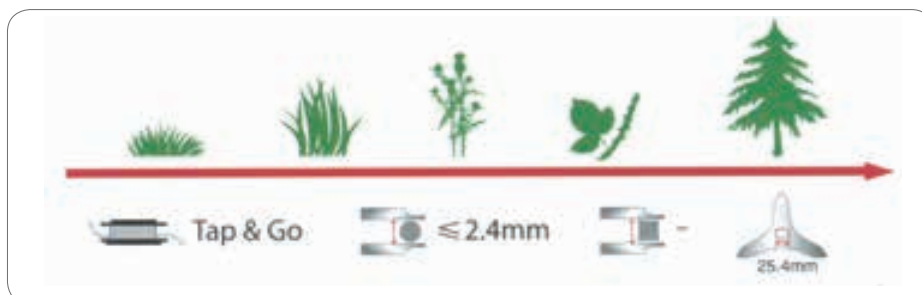


3GC430	42.7cm³ 1.2kw/1.63hp
3GC520	51.7cm³ 1.4kw/1.9hp
3GC630	63.3cm³ 1.9kw/2.6hp

- Primer bulb for easy starting
- Effective anti-vibration system
- Engine clean air-intake system
- Combination throttle/switch structure
- Auto feed nylon head
- Nylon head and metal blade



new bracket, shock-absorption by spring and rubber pillar, beautiful appearance, comfortable operation.



Brush Cutters

HP SERIES



The brushcutters are the representative products which we cooperate with ETG. High configuration makes it with outstanding performance. It matches imported Starting starter, which with high reliability. The cylinder cover and spark plug cap combined in whole, which looks much beautiful. Match imported needle bearing which is excellent in durability. The 23cc engine already pass 125 hour durability test, the 40 cc engine already pass 300 hour durability test. If you are strict customers,I believe these products will satisfy you completely.

3CS230E

CE
EURO II
EPA



Displacement
22.5cm³

Power output
0.7kw/0.95hp

Weight
4.6kg

3GC230

CE
EURO II
EPA



Displacement
22.5cm³

Power output
0.7kw/0.95hp

Weight
5.5kg

BG40A

Displacement

39.8cm³

Power output

1.31kw/1.78hp

Weight

9.6kg



CG40

Displacement

39.8cm³

Power output

1.31kw/1.78hp

Weight

6kg



PROFESSIONAL LINES

BG63

CE

Displacement

63.3cm³

Power output

2.2kw/3hp

Weight

11.3kg



CG63

CE

Displacement

63.3cm³

Power output

2.2kw/3hp

Weight

8.8kg



Brush Cutters

LOW EMISSION SERIES



CG270A-3E

CE
EMC
EURO II



Displacement
27.2cm³

Power output
0.7kw/0.95hp

Weight
6kg

CG330A-3E

CE
EMC
EURO II



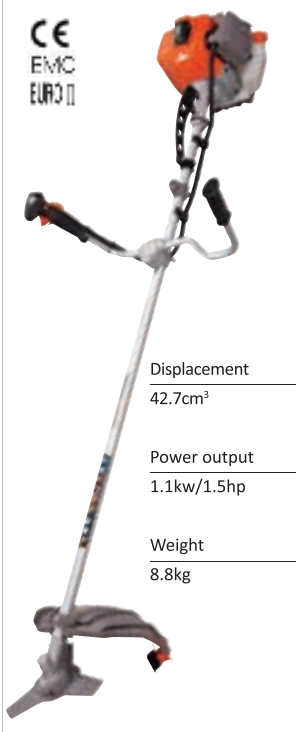
Displacement
32.6cm³

Power output
0.9kw/1.2hp

Weight
6.9kg

CG430-3E

CE
EMC
EURO II



Displacement
42.7cm³

Power output
1.1kw/1.5hp

Weight
8.8kg

CG520-3E

CE
EMC
EURO II



Displacement
51.7cm³

Power output
1.3kw/1.77hp

Weight
9kg

FG SERIES

CG260B-FGE



Displacement
25.4cm³

Power output
0.75kw/1.02hp

Weight
5.9kg

CG330B-FGE

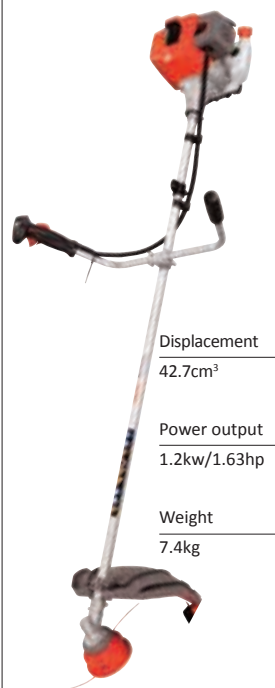


Displacement
32.6cm³

Power output
0.9kw/1.2hp

Weight
6.5kg

CG430B-FGE



Displacement
42.7cm³

Power output
1.2kw/1.63hp

Weight
7.4kg

CG520B-FGE



Displacement
51.7cm³

Power output
1.4kw/1.9hp

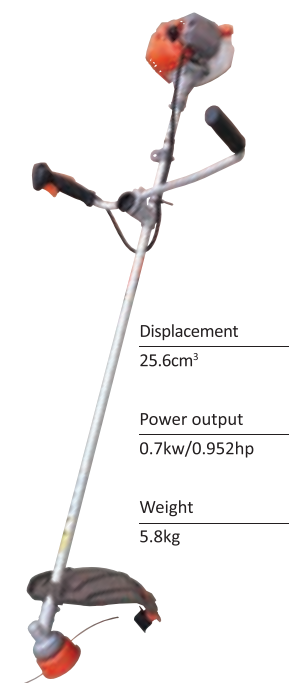
Weight
7.4kg



Brush Cutters

HB SERIES



CG260-HB  Displacement 25.6cm ³ Power output 0.7kw/0.952hp Weight 5.8kg	CG330-HB CE EMC  Displacement 32.6cm ³ Power output 0.9kw/1.2hp Weight 6.7kg	CG430-HB CE EMC  Displacement 42.7cm ³ Power output 1.25kw/1.7hp Weight 7.4kg	CG520-HB CE EMC  Displacement 51.7cm ³ Power output 1.4kw/1.9hp Weight 7.8kg
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CLASSIC SERIES

CG260B

CE



Displacement

25.4cm³

Power output

0.7kw/0.952hp

Weight

5.8kg

CG330B

CE



Displacement

32.6cm³

Power output

0.9kw/1.2hp

Weight

7.1kg

CG430B

CE



Displacement

42.7cm³

Power output

1.25kw/1.7hp

Weight

7.8kg

CG520

CE

EMC



Displacement

51.7cm³

Power output

1.4kw/1.9hp

Weight

8kg

Brush Cutters



BG328C

Displacement
32.6cm ³
Power output
0.81kw/1.1hp
Weight
8.6kg



BG330

Displacement
32.6cm ³
Power output
0.9kw/1.2hp
Weight
8.9kg



BG430A

CE

Displacement
42.7cm³

Power output
1.25kw/1.7hp

Weight
10.6kg



BG520A

CE

Displacement
51.7cm³

Power output
1.4kw/1.9hp

Weight
11kg



BG520A-E

CE
EMC
EURO II

Displacement
51.7cm³

Power output
1.3kw/1.768hp

Weight
13kg



Brush Cutters

OTHER TWO STROKE SERIES



CG330S



Displacement
32.6cm³
Power output
0.9kw/1.2hp
Weight
6.7kg

CG430S



Displacement
42.7cm³
Power output
1.25kw/1.7hp
Weight
7.4kg

BC36



CE
EMC
EURO II

Displacement
32.6cm³
Power output
0.9kw/1.2hp
Weight
8kg

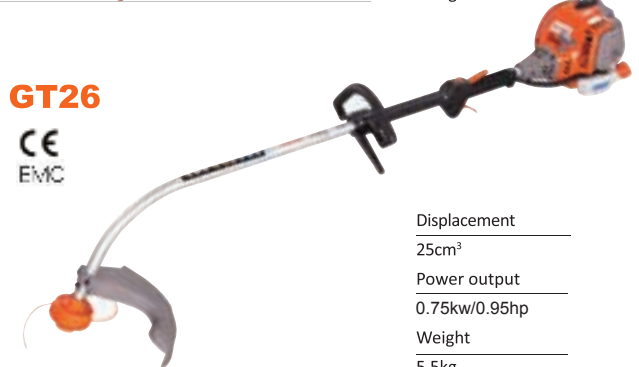
BC46



CE
EMC
EURO II

Displacement
42.7cm³
Power output
1.1kw/1.49hp
Weight
8.5kg

GT26



CE
EMC

Displacement
25cm³
Power output
0.75kw/0.95hp
Weight
5.5kg

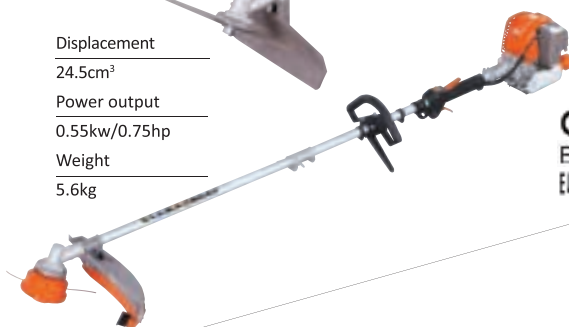
FOUR STROKE SERIES

BG435

Displacement
37.7cm³
Power output
1.0kw/1.36hp
Weight
7.7kg



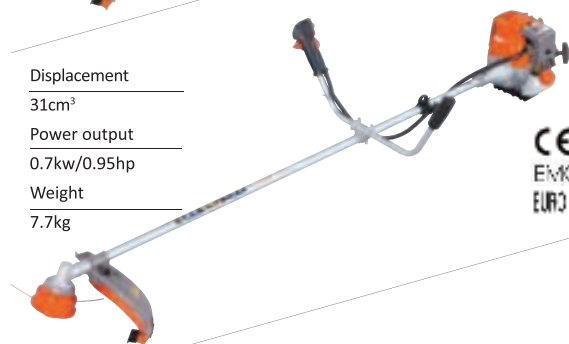
Displacement
24.5cm³
Power output
0.55kw/0.75hp
Weight
5.6kg



CE
EMC
EURO II

CG245AF

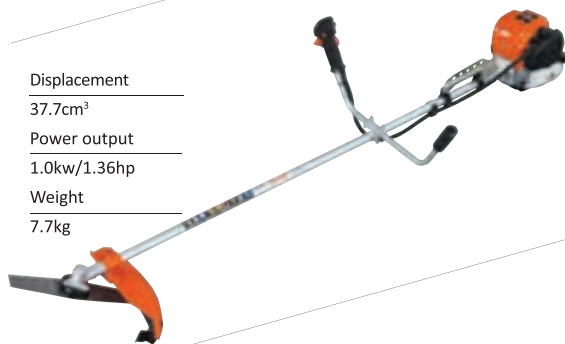
Displacement
31cm³
Power output
0.7kw/0.95hp
Weight
7.7kg



CE
EMC
EURO II

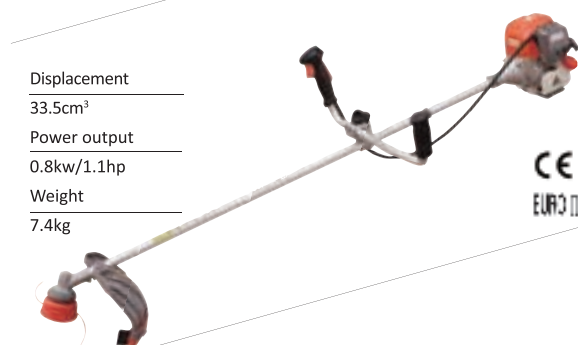
CG431

Displacement
37.7cm³
Power output
1.0kw/1.36hp
Weight
7.7kg



CG435

Displacement
33.5cm³
Power output
0.8kw/1.1hp
Weight
7.4kg



CE
EURO II

BC34

Brush Cutters

Model	3GC330	3GC430A	3GC520A	3GC430	3GC520	3GC630	3CS230E	3GC230	CG40	BG40A	BG63	
Engine	1E36F-2EP	1E40F-2EG	1E44F-EG	1E40F-2EP	1E44F-EP	1E48F-EP	HP23	HP23	HP40	HP40	1E48F	
Displacement(cm³)	32.6	42.7	51.7	42.7	51.7	63.3	22.5	22.5	39.8	39.8	63.3	
Power output(kW/hp)	0.9/1.2	1.1/1.5	1.3/1.77	1.2/1.63	1.4/1.9	1.9/2.6	0.7/0.95	0.7/0.95	1.31/1.78	1.31/1.78	2.2/3	
Net weight(kg)	8.2	8.4	8.5	9.9	10	10.8	5.5	5.5	7.6	9.6	11.3	
Tank capacity(l)	1	1	1	1	1	1.3	0.55	0.55	1	1.2	1.3	
Two stroke engine	•	•	•	•	•	•	•	•	•	•	•	
Four stroke engine	-	-	-	-	-	-	-	-	-	-	-	
Low emission engine	•	•	•	•	•	•	•	•	•	•	-	
Loop handle	-	-	-	-	-	-	-	-	-	•	•	
Bike handle	•	•	•	•	•	•	•	•	•	-	-	
Engine package dimension(mm)	-	-	-	-	-	-	-	-	-	350×335 ×465	300×300 ×230	
Shaft package dimension(mm)	-	-	-	-	-	-	-	-	-	1662×103 ×124	1615×103 ×124	
package dimension(mm)	1860×310× 306/110	1860×310× 306/110	1860×310× 306/110	1860×310× 306/110	1860×310× 306/110	1871×330× 304/103	1825×290× 260/110	1825×290× 260/110	1832×293× 287/108	-	-	

Model	CG330-HB	CG430-HB	CG520-HB	CG260B	CG330B	CG430B	CG520	BG328C	BG330	BG430A	BG520A	
Engine	HB33	HB43	HB52	1E34F	1E36F-2A	1E40F-5A	1E44F-2A	1E36FC	1E36F-2	1E40F-5A	1E44F-2A	
Displacement(cm³)	32.6	42.7	51.7	25.4	32.6	42.7	51.7	32.6	32.6	42.7	51.7	
Power output(kW/hp)	0.9/1.2	1.25/1.7	1.4/1.9	0.7/0.952	0.9/1.2	1.25/1.7	1.4/1.9	0.81/6000	0.9/1.2	1.25/6500	1.4/1.9	
Net weight(kg)	6.7	7.4	7.8	5.8	7.1	8	7.8	8.6	8.9	10.6	11	
Tank capacity(l)	1	1.1	1.1	0.7	0.75	1.1	1.2	1.2	1.2	1.2	1.2	
Two stroke engine	•	•	•	•	•	•	•	•	•	•	•	
Four stroke engine	-	-	-	-	-	-	-	-	-	-	-	
Low emission engine	-	-	-	-	-	-	-	-	-	-	-	
Loop handle	-	-	-	-	-	-	-	•	•	•	•	
Bike handle	•	•	•	•	•	•	•	-	-	-	-	
Engine package dimension(mm)	-	-	-	-	-	-	-	300×405 ×300	325×325 ×455	370×280 ×590	590×370 ×280	
Shaft package dimension(mm)	-	-	-	-	-	-	-	1374×98 ×67	1395×125 ×103	1662×103 ×124	1615×124 ×103	
package dimension(mm)	1830×275× 270/110	1840×293× 287/108	1840×293× 287/108	1825×245× 268/108	1805×265× 258/108	1840×293× 287/108	1840×293× 287/108	-	-	-	-	

	3GC330B	3GC400	CG63	CG270-3E	CG330A-3E	CG430-3E	CG520-3E	CG260B-FGE	CG330B-FGE	CG430B-FGE	CG520-FGE	CG260-HB
	HP33	HP40A	1E48F	1E34F-3E	1E36F-3E	1E40F-3E	1E44F-3E	1E34FG	1E36FG	1E40FG	1E44FG	HB26
	32.6	39.8	63.3	27.2	32.6	42.7	51.7	25.4	32.6	42.7	51.7	25.6
	0.9/1.2	1.25/1.7	2.2/3	0.7/0.95	0.9/1.2	1.1/1.5	1.3/1.77	0.75/1.02	0.9/1.2	1.2/1.63	1.4/1.9	0.7/0.952
	8.5	8.9	8.8	6	6.9	8.8	9	5.9	6.5	7.4	7.4	5.8
	0.8	1	1.3	0.8	1	1	1	0.6	0.65	1	1	0.6
	●	●	●	●	●	●	●	●	●	●	●	●
	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	●	●	●	●	-	-	-	-	-
	-	-	-	●	-	-	-	-	-	-	-	-
	●	●	●	-	●	●	●	●	●	●	●	●
	-	-	300×300 ×230	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-
	1860×290× (293+123)	1860×310× (308+123)	1851×313× 319/108	1830×275× 273/103	1840×293× 297/108	1855×293× 297/108	1855×293× 297/108	1805×265× 258/108	1840×293× (287+108)	1855×293× 297/108	1855×293× 297/108	1825×265× 255/110

	BG520A-E	CG330S	CG430S	BC36	BC46	GT26-E	BG435	CG245AF	CG431	CG435	BC34	
	1E44FA-E	HB33	HB43	HA36	HA46	GT26-E	140FA	134F-HS	139F	140FA	139F-2	
	51.7	32.6	42.7	32.6	42.7	25	37.7	24.5	31	37.7	33.5	
	1.3/1.768	0.9/1.2	1.25/1.7	0.9/1.2	1.1/1.49	0.7/0.95	1.0/1.36	0.55/0.75	0.7/0.95	1.0/1.36	0.8/1.1	
	13	6.7	7.4	8	8.5	5.5	7.7	5.6	7.7	7.7	7.4	
	1	1	1.1	0.75	0.65	0.5	0.65	0.65	0.65	0.65	0.65	
	●	●	●	●	●	●	-	-	-	-	-	
	-	-	-	-	-	-	●	●	●	●	●	
	●	-	-	●	●	●	-	-	-	-	-	
	●	-	-	-	-	●	●	-	-	-	-	
	-	●	●	●	●	-	-	●	●	●	●	
	590×370 ×320	-	-	-	-	-	330×315 ×455	-	-	-	-	
	1662×124 ×103	-	-	-	-	-	1465×103 ×125	-	-	-	-	
	-	1830×275× 270/110	1840×293× 287/108	1840×310× 265/108	1840×310× 265/108	1600×290× 255/115	-	1100×230/ 158×260	1880×293 287/108	1840×270× 275/108	1840×270× 275/108	

Other garden machinery



- 1.Multifunction garden machinery
- 2.Push mower
- 3.Pole pruner
- 4.Gasoline engine drill
- 5.Harvester
- 6.Vibrator
- 7.Earth auger
- 8.Hedge trimmer
- 9.Blower

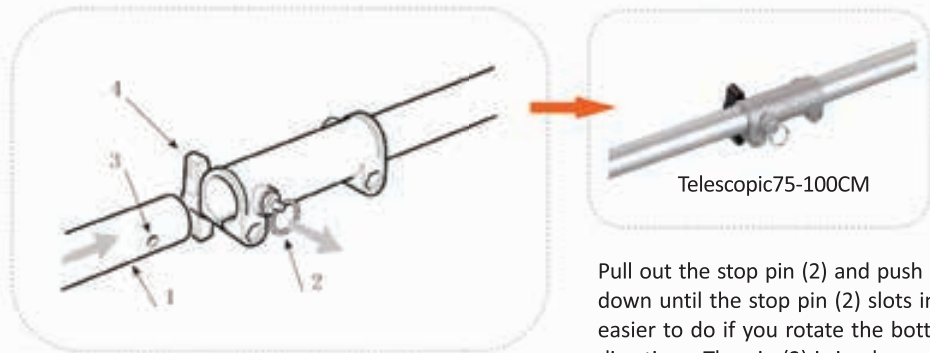
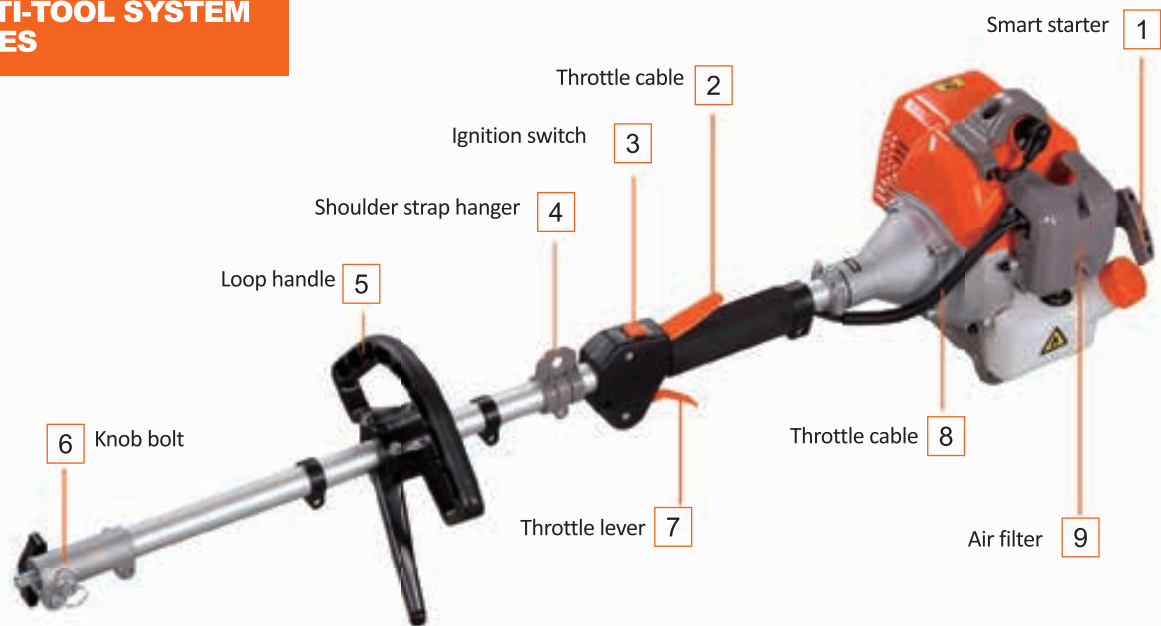
KASEI®



A wide range of attachments make these combi trimmers versatile machines that more or less can handle you whole garden: grass trimming, hedge trimming, tree pruning, edging and soil cultivating with one base engine unit. All these attachments can be replaced without difficulty.

Other garden machinery

MULTI-TOOL SYSTEM SERIES



Pull out the stop pin (2) and push the lower part of the rod (1) right down until the stop pin (2) slots into the hole (3) in the rod. This is easier to do if you rotate the bottom of the rod (4) slightly in both directions. The pin (2) is in place when it is completely lodged in the hole. - Lastly, tighten the knob (4) securely.

Work your whole garden with one machine:

A wide range of attachments make these combi trimmers versatile machines that more or less can handle your whole garden: grass trimming, hedge trimming, tree pruning, edging and soil cultivating with one base engine unit. All these attachments can be replaced without difficulty.



Other garden machinery

PUSH MOWER

ST-415

Displacement	
42.7cm³	
Power output	
1.25kw/1.7hp	
Weight	
10kg	



POLE PRUNER

QJB270



Model		QJB270
Main unit	Vibration values at each handle(m/s ²)(ISO 22867;uncertainty:1.5)	≤15
	Sound pressure values L _{WA} ^{av} (ISO 22868;uncertainty:3dB(A))	≤102
	Sound power values L _{WA} ^{av} (ISO 22868;uncertainty:3dB(A))	≤112
	Length of main pipe section(mm)	2900-4250
	Weight when dry(kg)	8.3
Engine	Name of engine	1E34F-3E
	Type	Air-cooled; 2 cycle;vertical;piston valve; gasoline
	Displacement(cm ³)	27.2
	Maximum output(kW/min ⁻¹)	0.70/7500
	Fuel used	Gasoline mixed with lubricating oil(ratio of 30:1)
	Fuel tank capacity(l)	0.7
	Dry weight(kg)	3.1
Cutting attachment	Cutting length(mm)	255
	Nose sprocket	7-teeth
	Oil tank capacity(l)	0.2
	Saw chain type	OREGON 91VG(Picco Micro Mini(3/8"P))
	Guide bar type	JF10-40-50A

Other garden machinery



The portable drill is firstly developed by our company with two-stage speed reduction which can keep low speed. The aluminum crankcase is much light. The front and back handles are made from shock-absorption material, which is more comfortable. The matching engine pass low emission standard, which is advanced in low fuel consumption, low emission and low noise, etc. It is mainly used for forest protection, collecting maple oil, and also can be used for outdoor engineering work.

PORTABLE DRILL

7DS260-28

Displacement(cm³): 25.4
Net weight (kg): 5.2
Fuel tank capacity(L): 0.7
Max power(kW/r/min): 0.7/7500
Drill chuck (American system): 1.5-13mm 1/2-20UNF
Drill diameter(mm): 13/28
Drill length: 290/330
Reduction ratio:10.6:1



7DS260-28A

Displacement(cm³): 25.4
Net weight (kg): 5.5
Fuel tank capacity(L): 0.7
Max power(kW/r/min): 0.7/7500
Drill chuck (American system): 2-13mm/2-20UNF
Drill diameter(mm): 13/28
Drill length: 290/330
Reduction ratio:Forward19.58:1, Reverse20.38:1



φ13X290



φ28X330

KASEI®

BACK PACK DRILL



BG305D

Displacement(cm³): 30.5
Net weight (kg): 9
Fuel tank capacity(L): 1.2
Max power(kW/r/min): 0.8/6000
Drill diameter(mm): $\Phi 6/\Phi 10$
Drill length: 54/98(Drill depth)



Other garden machinery



OLIVE HARVESTER



COCO HARVESTER



Model		4GS-50	4GS-50A
Main unit	Vibration values at each handle(m/s ²) (ISO 22867;uncertainty:1.5)	front handle: idle: 3.5, racing: 9.7, equivalent: 7.3 rear handle: idle: 1.9, racing: 7.4, equivalent: 5.4 Uncertainties: 1.5	front handle: idle: 3.5, racing: 9.7, equivalent: 7.3 rear handle: idle: 1.9, racing: 7.4, equivalent: 5.4 Uncertainties: 1.5
	Sound pressure values L _{WA} ^{av} (ISO 22868;uncertainty:3dB(A)	idling: 76.6, racing: 99.3, equivalent: 96.3 Uncertainties: 3	idling: 76.6, racing: 99.3, equivalent: 96.3 Uncertainties: 3
	Sound power values L _{WA} ^{av} (ISO 22868;uncertainty:3dB(A)	idling: 86.0, racing: 109.4, equivalent: 106.4 Uncertainties: 3	idling: 86.0, racing: 109.4, equivalent: 106.4 Uncertainties: 3
	Reduction ratio	56:5	56:5
Engine	Name of engine	1E34F-2E	1E34F
	Type	Air-cooled; 2 cycle;vertical;piston valve; gasoline	Air-cooled; 2 cycle;vertical;piston valve; gasoline
	Displacement(cm ³)	25.4	25.4
	Maximum output(kW/min ⁻¹)	0.70/7500	0.75/7500
	Fuel used	Gasoline mixed with lubricating oil(ratio of 30:1)	Gasoline mixed with lubricating oil(ratio of 30:1)
	Fuel tank capacity(l)	0.65	0.75
	Method of starting	Recoil type	Recoil type

FRUIT HARVESTER

4GS-64Z



For easy harvesting of small fruits such as olives, nuts and pistachios. Shaking motions are optimally transferred onto the branch. Minimum vibration, minimum effort.

PALM HARVESTER

QZCB1A



The new palm cutters from KASEI make light work of harvesting palm fruit. A robust telescopic shaft with a multi-function handle, a clean cut due to a forged sickle, easy-to-change cutting tool, manual fuel pump, long-life air filter system, low vibrations, total length 290-450cm.

Model	4GS-64Z	QZCB1A
Engine	1E48F-E	HP23
Displacement(cm³)	63.3	22.5
Power output(kw/hp)	1.9/2.6	0.7/7500
Net weight (kg)	18	8.5
Fueltank capacity(l)	1.3	0.7
Length(m)	3-4	2.9-4.5
Reduction ratio	7:42	/
Package dimension(mm)	1345*332*345 1825*130*125	300*270*280 101*129*2910

Other garden machinery

VIBRATOR



Concrete shaft is a mechanized concrete tool, used with insert type vibrator. When concrete components mixed by mixer, it must be exhausted the bubble. The concrete shaft can tamp the concrete components, remove the concrete voids and pits, strengthen the concrete and guarantee the quality.

ZN-38



Engine : 140FA
Displacement(cm³): 37.7
Power output(kw/hp): 1/1.36
Net weight (kg): 9.5
Fueltank capacity(l): 0.65
Rod diameter(mm): 38
Package dimension(mm):
1126×265×(268+165)/900×415×60

EARTH AUGER



3WT-300A

CE
EURO
EPA

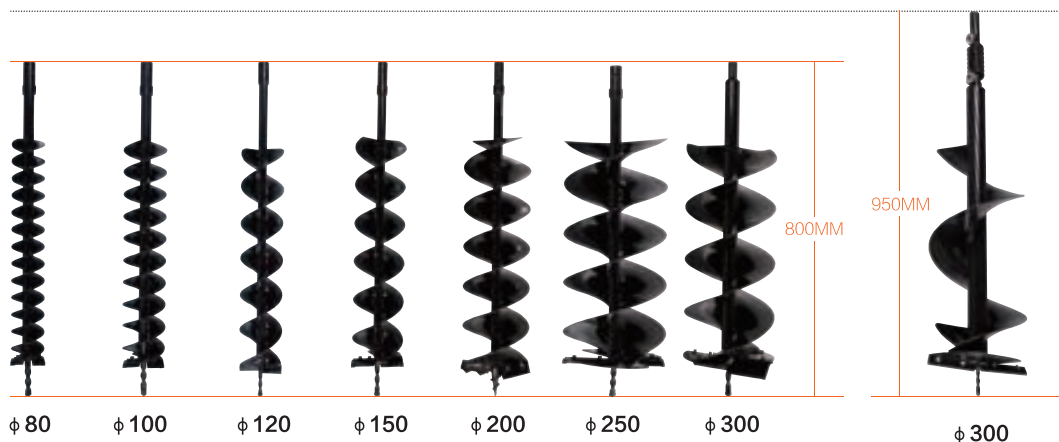
Net weight(kg): 9.5
Drill diameter(mm): 80/100/150
Engine model: 1E44F-E
Displacement (ml): 51.7
Max power: 1.3kW/7000r/min
Frame box dimension(mm): 520×340×360
Drill box dimension(mm): 110×115×810



3WT-300B

CE
EURO
EPA

Net weight(kg): 10.4
Drill diameter(mm): 150/200/250/300
Engine model: 1E48F
Displacement (ml): 63.3
Max power: 2.0kW/7500r/min
Frame box dimension(mm): 670×360×440
Drill box dimension(mm): 210×210×940



Other garden machinery

HEDGE TRIMMER

Technical features:

Match completely new designed bison-style engine, which is more powerful. New designed gear case, adopt high-precision imported bearing, making its quality more reliable, working life being longer. Magnesium alloy wheel case, hollow out blade and blade holder make the machine much light, and operating more comfortable. Multi-function rotated handle can adjust position according to different working condition.

SL750S

Engine: 1E32FL-S
Displacement(cm³): 22.5
Power output(kw/hp): 0.65/0.88
Net weight (kg): 5.8
Fuel tank capacity(l): 0.5
Cutting width(mm):750
Reduction ratio:4.1:1: (58:14)
Package dimension(mm):1100×270×290



SLP600S



Engine: 1E32FL-S
Displacement(cm³): 22.5
Power output(kw/hp): 0.65/0.88
Net weight (kg): 5.7
Fuel tank capacity(l): 0.5
Cutting width(mm):600
Reduction ratio:5.1:1: (46:9)
Package dimension(mm):1150×265×260/130





SLP500

CE
EMC
EURO II
EPA

Engine: SLP500.1
Displacement(cm³): 22.5
Power output(kw/hp): 0.65/0.88
Net weight (kg): 4.7
Fueeltank capacity(l): 0.3
Cutting width(mm):500/600
Reduction ratio:4.1:1 (58:14)
Package dimension(mm):1060×250×245/115
1165×250×366/170



SLP600-E

CE
EMC
EURO II

Engine: 1E34FL-3E
Displacement(cm³): 27.2
Power output(kw/hp): 0.7/0.95
Net weight (kg): 6.1
Fueeltank capacity(l): 0.6
Cutting width(mm):600
Reduction ratio:5.1:1 (46:9)
Package dimension(mm):1150×265×260/130



Other garden machinery

BLOWER

The advantage of new handled blower:

1. The cooling of the engine is good by using blower.
2. The spring connecting structure make shock absorption obviously.
3. The double face impeller structure make the wind stronger, then make the cleaning much efficient.

Handheld Blower/Vacuum - KASEI handheld blowers and blower vacuums make cleanup faster and easier. It is powered by an easy starting.Noise, weight and emissions are lower; power and air volume are higher. Fuel consumption is lower, as is vibration.



KASEI[®]



Other garden machinery



CE

GS

EURO II

EMC

Displacement

25.4cm³

Power output

0.7kW/0.95hp

Average air volume

0.13m³/s

CE

EMC

Displacement

25.4cm³

Power output

0.75kW/1.02hp

Average air volume

0.13m³/s

Model	EBV260E	EBV260A	EBV230E	EBV245A
Average air volume(m³/s)	0.13	0.13	0.13	0.15
Net weight(kg)	5.6(Vacuum)/4.6(blower)	5.4(Vacuum)/4.3(blower)	5.0(Vacuum)/4.1(blower)	6.3(Vacuum)/5.4(blower)
Discharging capacity(cm³)	25.4	25.4	22.5	24.5
Mating power	EBV260E.1	1E34FB	EBV230E.1	EBV245A.1
Power(kW/r/min)	0.7/7500	0.75/7500	0.65/8000	0.6/7000
Package dimension(mm)	585×295×395	585×315×410	585×295×395	585×295×395
Fuel tank volume(l)	0.6	0.65	0.5	0.5
Oil volume(l)	/	/	/	0.075

EBV230E

CE	Displacement
EURO II	22.5cm ³
EMC	Power output
	0.65kw/0.85hp
	Average air volume
	0.13m ³ /s



EBV245A

4-STROKE ENGINE

CE	Displacement
EURO II	24,5cm ³
EMC	Power output
	0.8kW/0.82hp
	Average air volume
	0.15m ³ /s



Other garden machinery



The models are ideal for clearing paths, flowerbeds, fallen leaves or grass cuttings. The blower pipe supplied with the machine turns the vacuum shredder into a powerful blower with a simple manual adjustment. Backpack KASEL blowers are ideal for tending large public areas such as parks, squares or gardens.

BACKPACK BLOWER

Technical features:

1. The second generation low-emission technology makes the quality more stable and reliable, passed EURO II.
2. The S shape closed impeller makes the wind stronger, then makes the cleaning much efficient.
3. The EVA material plate and the wide belt make it much comfortable for carrying.
4. Outlook looks more beautiful, the whole protecting structure makes it much safe.

EB-500-E

CE
EMC
ELFOT
EPA



EB-650-E

CE
EURO II





EB-650A-E

CE
EUPA



EB-800-E

CE
EPA



Model	EB-500-E	EB-650-E	EB-650A-E	EB-800-E
Average air volume(m³/s)	0.24	0.3	0.3	0.33
Net weight(kg)	8.3	10.8	9.6	11
Discharging capacity(ml)	51.7	63.3	63.3	79.4
Mating power	EB-500-E.1	1E48FP-E	1E48FP-E	EB-800-E.1
Power(kW/r/min)	1.5/6500	2.1/6500	2.1/6500	3.0/6800
Package dimension(mm)	465×365×455	510×380×565	475×355×545	540×430×550

Chainsaw



CHAINSAW

KASEI®

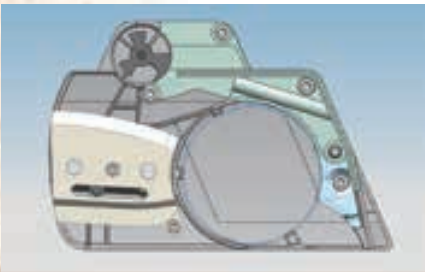
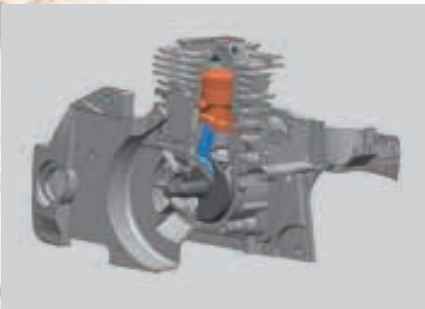


Chainsaw

CHAINSAW

Chainsaw matches Huasheng stratified scavenging technique two stroke gasoline engine, which pass Euro II and EPA. Compare with traditional 2 stroke gasoline engine, exhaust emission reduced by 50%; power and torque is 15% higher; fuel consumption is 20% less.

Magnesium alloy brake cover is light , stronger, high temperature resistance, well adapted, these advantage improve the service life.



Model	YD- 45- E	YD-50-E	YD-60-E
Displacement(cm³)	45	50.8	59
Max power(kW/r/min)	2.0/8500	2.2/8500	2.5/9000
Fuel oil	FC 2-stroke gasoline engine oil		
Chain oil	SAE# 10W- 30		
Mix rate	30:1		
Starting way	Recoil		
Gasoline tank capacity(ml)	540		
Oil tank capacity (ml)	280		
Net weight(kg)	5.9	5.7	6.2
Guide plate length	18in	20in	22in
Chain size	0.325in		



1 Fast brake with hand-protection guard

Using cam and spring linkage brake which Huasheng has independent intellectual property right, it response timely with high reliability and high security. Hand-protection guard uses light reinforced materials which has the advantage of light weight, high strength and impact resistance.

2 Front hollow aluminum alloy handle

The front handle is made from aluminum alloy by the integrated process technique, make it light and stronger, outside covered with skid resistance and shock absorption grip.

3 Oil pump structure

The oil cup pump structure make the fuel flow into carburetor easily through pressing, improve starting performance, especially for cold start in low temperature.

4 The upper cover

The upper cover can be disassembled, convenient for air filter and carburator's cleaning and maintenance.

5 One-button switch

It is convenient for engine's stop and start with one button switch. It's easy to stop once there is emergency during working, improving the safety.

6 Back handle integrally molded with fuel tank

The back handle is made from lightweight reinforced material

and integrally molded with fuel tank, with the advantage of high strength and light weight. It is connected with crankcase by three springs, so it has higher reliability and better shock absorption. The step-start part adopts fully humanized design and widen, thicken and stronger material.

8 Crankcase integrally molded with lubricating oil tank

The crankcase is made from magnesium alloy and integral formed with lubricating oil tank. It is advanced in light weight, high strength, high temperature resistance and adapted to different environment, prolong the service life.

9 The fuel tank cap

Adopting error-proof button design, there is groove which makes it easy for installation. It has the advantage of high strength and high temperature resistance.

Felling dog

The saw teeth are made from high strength steel by integration of stamping forming, which has improved the safety of sawing work.

10 Muffler

Adopting postpositive exhaust design, the exhaust position is far away from wood and saw dust, the fire-resisting net improved the fireproof safety when working.

Plant protection machinery



1. Mist duster
2. Power sprayer
3. Hand sprayer
4. Electric sprayer
5. Transplanter

KASEI[®]



KASEI powerful mist duster are ideal for use in the cultivation of crops including fruit and vegetables. Granulates and seeds can also be applied quickly and efficiently.

Plant protection machinery

MIST DUSTER



3WF-20B

Container Capacity(l): 20
Fuel tank Capacity(l): 1.3
Net weight (kg): 10
Range(m): 12
Mating power: 3WF-20B.1
Power output(kw/r/min): 2.0/7800
Package dimension(mm): 520×440×710



3W-30

Container Capacity(l): 30/18
Capacity(l): 1.5
Net weight (kg): 12 (30L) 11(18)
Range(m): horizontal 15, vertical 11
Mating power: 1E48FP
Power output(kw/r/min): 2.3/700
Package dimension(mm): 515×435×730 (30L)
515×435×670 (18L)



3W-15A

Container Capacity(l): 15
Fuel tank Capacity(l): 0.6
Net weight (kg): 9
Range(m): 10.5
Mating power: 139F/139FA
Power output(kw/r/min): 0.7/7000
Package dimension(mm): 480×460×620





3WF-14B



Container Capacity(l): 14
 Fuel tank Capacity(l): 1.5
 Net weight (kg): 11
 Range(m): 12
 Mating power: EB-500-E.1
 Power output(kw/r/min): 1.5/7000
 Package dimension(mm): 510×400×690



3WF-3A



Container Capacity(l): 26
 Fuel tank Capacity(l): 1.3
 Net weight (kg): 11
 Range(m): 12
 Mating power: 1E40FP-3Z
 Power output(kw/r/min): 2.13/8000
 Package dimension(mm): 518×440×800

3WF-14



Container Capacity(l): 14
 Fuel tank Capacity(l): 1.6
 Net weight (kg): 10.3
 Range(m): 13
 Mating power: 3WF-14.1
 Package dimension(mm): 530×415×670

Plant protection machinery



3WF-20A

Container Capacity(l): 20
Fuel tank Capacity(l): 2
Net weight (kg): 10
Range(m): horizontal 21 vertical 18
Mating power: 1E54FPA
Power output(kw/r/min): 4/7000
Package dimension(mm): 600×400×750



3WFB-30/30E



Container Capacity(l): powder: 30/14 liquid: 20/14
 Fuel tank Capacity(l): 2.5
 Net weight (kg): powder: 13.2
 Range(m): ≥17
 Mating power: EB-800-E.1
 Power output(kw/r/min): 3/7000
 Package dimension(mm): 570×440×830 /560×425×740

3WF-16

CE



Container Capacity(l): 16
 Fuel tank Capacity(l): 1.5
 Net weight (kg): 11
 Range(m): ≥16
 Mating power: 1E48FP
 Power output(kw/r/min): 2.7/6800
 Package dimension(mm): 545×400×690

Plant protection machinery



POWER SPRAYER

3WZ-7

Container Capacity(l): 25
Fuel tank Capacity(l): 0.6
Net weight(kg):12
Pressure(mpa): 0 -2.5
Flow(l/min):≥7
Mating power:139F
Power output(kw/r/min): 0.7/6500



3WZ-4

Container Capacity(l): 20
Fuel tank Capacity(l): 0.75
Net weight(kg):8.3
Pressure(mpa): 0 -2.0
Flow(l/min): ≥4
Mating power:1E34F
Power output(kw/r/min): 0.75/7500



3WZ-7E



Container Capacity(l): 15
Fuel tank Capacity(l): 0.65
Net weight(kg):9
Pressure(mpa): 0 -2.5
Flow(l/min):≥7
Mating power:1E34F-2E
Power output(kw/r/min): 0.7/7500



3WZ-6F



Container Capacity(l): 20
Fuel tank Capacity(l): 0.75
Net weight(kg):9.8
Pressure(mpa): 0 -2.5
Flow(l/min):≥7
Mating power:1E34F
Power output(kw/r/min): 0.75/7500



3WZ-7A

Container Capacity(l): 25
Fuel tank Capacity(l): 0.55
Net weight(kg):10
Pressure(mpa): 0 -2.5
Flow(l/min):≥7
Mating power:135F
Power output(kw/r/min): 0.6/7000





WSJ-6/-6A/-6C

Net weight(kg): 6.2/6/9
 Working pressure(Mpa) : 1.5-2.5/0.5-2.5
 Mating power: 1E34F/1E31F/134F
 Power(kW/r/min):
 0.75/7500/0.6/6500/0.55/7000
 Package dimension(mm): 330×280×345



WSJ-9

Net weight(kg): 11.4/11.9
 Working pressure(Mpa): 2.5
 Mating power: 139F
 Power(kW/r/min): 0.7/6500
 Package dimension(mm):
 410×320×365

HAND SPRAYER

WS-5Y/6Y/7Y/8Y/9Y/

Container capacity(L): 4/5/6/7/8
Net weight(kg):
1.2/1.25/1.3/1.35/1.4
Working pressure(Mpa): 0.15- 0.3
Travel of piation(mm): 200
Package dimension(mm): /



WS-5Y

WS-6Y

WS-7Y

WS-8Y

WS-9Y



WS-20

Container capacity(L): 20
Net weight(kg): 3.6
Working pressure(Mpa): 0.2- 0.4
Travel of piation(mm): 60
Package dimension(mm): 455×195×625



WS-16PA/20PA

Container capacity(L): 16/20
Net weight(kg): 4.8/5.1
Working pressure(Mpa): 0.2-0.4
Travel of piation(mm): 90/96
Package dimension(mm):
385×185×545/410×210×570



WS-20A

Container capacity(L): 20
Net weight(kg): 5.1
Working pressure(Mpa): 0.2- 0.4
Travel of piation(mm): 96
Package dimension(mm): 410×210×570

ELECTRIC SPRAYER



WSJ-25DA

Net weight(kg):10.1
Capacity of chemical tank(L):25
Overall dimensions(cm) : 44×34×65
Working pressure(MPa): 0.15~0.5
Battery: DC12V 12AH
Bump: DC12V.(1~3)A
Charger: Input100V~240V
Output :12V,1.2A
Lasting working time(h): 3~5



WSJD-15DA/18DA

Container capacity(L): 15/18
Net weight(kg): 7/7.2
Working pressure(Mpa): 0.2~0.5
Travel of piston(mm): /
Package dimension(mm):
(machine)370X240X545/
30X260X575
(gun)190×61×960

WS-5CD/5CD1/5CD2



Container capacity(L): 5(big)/1(small)
Flow(ml/min): 25-200
Droplet size(um): 50-150
Work voltage(V/DC): 6-12/3
Disc speed(rpm): ≥4000
Package dimension(mm): 1000×160×160/250×190×280



WS-5D

Container capacity(L): 5
Net weight(kg): 3
Working pressure(Mpa): 0.1-0.35
Travel of piston(mm): /
Package dimension(mm): 330×210×306



CE WS-12D/15D/18D

Container capacity(L):12/15/18/18
Net weight(kg): 5.6/6.0/6.4
Working pressure(Mpa): 0.15-0.4
DC12V: 7Ah/9Ah
Package dimension(mm): 350x230x515/
370x240x545/
380x260x570



WS-15DA/18DA

Container capacity(L): 15/18
Net weight(kg): 6.2/6.4
Working pressure(Mpa):0.2- 0.4
Travel of piston(mm): /
Package dimension(mm):370x240x545/
380x260x575

Plant protection machinery

TRANSPLANTER

2Z-430A/B

Main features:

- When equipped with a new type of 168 f OHV gasoline engine, with high efficiency, low emissions. 4 litres of large capacity fuel tank, refuel the timesaving.
- Low accurate reliable walking system. 660 mm diameter of the wheel and improve the adaptability to different seedling bed mud foot operation and field through sex. Adopt bevel gear transmission way walking pass the power, to ensure the accurate and reliable transmission power.
- Low and high precision ZaiCha system. Longitudinal using rubber screw tooth belt seedling, ensure longitudinal for seedling accurate and reliable. Horizontal one-way transmission mechanism with built-in, high transmission efficiency, seedling precision. Planting distance 5 file is adjustable, seedling amount the adjusting range is large.

2ZS-630

Main features:

- When equipped with a new type of 168 f OHV gasoline engine, with high efficiency, low emissions. 4 litres of large capacity fuel tank, refuel the timesaving.
- Low accurate reliable walking system. 660 mm diameter of the wheel and improve the adaptability to different seedling bed mud foot operation and field through sex. Adopt bevel gear transmission way walking pass the power, to ensure the accurate and reliable transmission power.
- Low and high precision ZaiCha system. Longitudinal using rubber screw tooth belt seedling, ensure longitudinal for seedling accurate and reliable. Horizontal one-way transmission mechanism with built-in, high transmission efficiency, seedling precision. Planting distance 5 file is adjustable, seedling amount the adjusting range is large.





2Z-430A/B

Engine : 168F
 Power output(kw/hp): 3.2kW(4.3hp)
 Net weight (kg) :180
 Working speed (km/h): 1.0 ~ 2.3
 row : 4
 rowledge (cm): 30
 row spacing(cm): 12·14·16·18·22·25
 heigth of seeds(cm) : 10 ~ 25
 tilling depth (cm) : 12 ~ 18
 depth of water(cm): 0.5 ~ 2

2Z-4

Engine : 168F
 Power output(kw/hp): 3.2kW(4.3hp)
 Net weight (kg) :160
 Working speed (km/h):1.2 ~ 2.8
 row : 4
 rowledge (cm): 30
 row spacing(cm): 12·14·16·18·21
 heigth of seeds(cm) : 10 ~ 25
 tilling depth (cm) : 12 ~ 18
 depth of water(cm): 0.5 ~ 2

2ZS-630

Engine : 168F
 Power output(kw/hp): 3.2kW(4.3hp)
 Net weight (kg) :190
 Working speed (km/h): 1.2 ~ 2.8
 row : 6
 rowledge (cm): 30
 row spacing(cm): 12·14·16·18·21
 heigth of seeds(cm) : 10 ~ 25
 tilling depth (cm) : 12 ~ 18
 depth of water(cm): 0.5 ~ 2

Generator

KS1000I



KS2000I



Model	KS1000i	KSG1000i	KS2000i	KSG2000i
Engine	144F	144F	149F	149F
Output voltage	(AC)230V	(AC)/110V	(AC)/230V	(AC)/110V
Output frequency	50/60HZ	50/60HZ	50/60HZ	50/60HZ
Continuous operating hour	≥3(Hour)	≥3(Hour)	≥4(Hour)	≥4(Hour)
Rated power output	0.9kW	0.9kW	1.6kW	1.6kW
Max.power output	1.0kW	1.0kW	2.0kW	2.0kW
Phase number	(Single phase)	(Single phase)	(Single phase)	(Single phase)
Power parameter	1.0	1.0	1.0	1.0
Fuel tank(L)	2.2	2.2	3.8	3.8
Weight(kg)	14	14	20	20
Packing dimension(mm)	495x275x410	495x275x410	530x300x500	530x300x500

HG2QFD-3



HS3500D



Model	HG2QFD-3		HG2.5QFD-3		HS2600D		HS3500D		HS5000D		HS6000D	
Engine	168FD-3		168FAD-3		168FD- 3		170FBD- 3		188FE		190FE	
Output voltage	AC 230V DC 12V	AC 120V/240V DC 12V	AC 230V DC 12V	AC 120V/240V DC 12V	AC230V DC12V	120V DC12V	AC230V DC12V	120V DC12V	AC230V DC12V	120V DC12V	AC230V DC12V	120V DC12V
Output frequency	50HZ	60HZ	50HZ	60HZ	50HZ	60HZ	50HZ	60HZ	50HZ	60HZ	50HZ	60HZ
Continous operating hour	≥8(hour)	≥8(hour)	≥8(hour)	≥8(hour)	≥8(Hour)	≥8(Hour)	≥8(Hour)	≥8(Hour)	≥8(Hour)	≥8(Hour)	≥8(Hour)	≥8(Hour)
Rated power output	2.0kw	2.5kw	2.5kw	3.0kw	2.0kw	2.5kw	2.8kw	3.2kw	4.0kw	4.75kw	5.5kw	6.75kw
Max power output	2.2kw	3.0kw	2.8kw	3.5kw	2.2kw	3.0kw	3.0kw	3.5kw	4.4kw	5.5kw	6.0kw	8.0kw
Fuel tank	15L	15L	15L	15L	16	16	16	16	24	24	24	24
Power parameter	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Weight	48kg	48kg	49kg	49kg	52	52	56	56	85	85	89	89
Packing dimension	620×470×480mm		620×470×480mm		625×510×570		625×510×570		725×565×637		725×565×637	

HS3000

CE



HS6500

CE

EMC



KSQF2500/KSQF3000

CE

EMC

EPA



KSG3000/KSG3500

CE

EMC

EPA



Model	HS2600(2QF-3)		HS3000 (2.5QF- 3)		HS6500 (5QF- 3)		KSQF2500	KSQF3000	KSG3000	KSG3500
Engine	168FD-3		168FAD-3		188FE		EX17	EX21	EX17	EX21
Output voltage	AC230V DC12V	120V DC12V	AC230V DC12V	120V DC12V	AC230V DC12V	120V DC12V	AC230V	AC230V	AC120V /240V	AC120V /240V
Output frequency	50HZ	60HZ	50HZ	60HZ	50HZ	60HZ	50HZ	50HZ	60HZ	60HZ
Continuous operating hour	≥8(hour)	≥8(hour)	≥8(hour)	≥8(hour)	≥8(hour)	≥8(hour)	≥8(Hour)	≥8(Hour)	≥8(Hour)	≥8(Hour)
Rated power output(kw)	2.0	2.5	2.5	3.0	5.0	6.75	2.0	2.5	2.5	3.0
Max.power output(kw)	2.2	3.0	2.6	3.5	5.5	8.0	2.2	2.6	2.8	3.3
Fuel tank(L)	15	15	15	15	25	25	15	15	15	15
Power factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Weight(Kg)	47	47	48	48	88	88	43	46	43	46
Packing dimension(mm)	610x470x475		610x470x475		700x525x590		610x460x550	610x460x550	610x480x550	610x480x550

Water pump

QGZ25-30E



Model	QGZ25-30E
Flow(m³/h)	8
Suction length(m)	8
Lift(m)	30
Discharging capacity(ml)	32.6
Net weight(kg)	7.5
Power	1E36F-2E
Water outlet diameter(mm)	25
Power(kW/r/min)	0.9/6500
Package dimension(mm)	400x330x390



QGZ25-30/QGZ40-35A



Model	8QGZ25-30/QGZ40-35A
Flow(m³/h)	8/15
Suction length(m)	8
Lift(m)	30/35
Discharging capacity(ml)	40.2
Net weight(kg)	10.8/10.5
Power	1E40F-6
Water outlet diameter(mm)	25/38
Power(kW/r/min)	1.45/7000
Package dimension(mm)	400×330×390/400×300×390

QGZ25-30A



Model	QGZ25-30A
Flow(m³/h)	8
Suction length(m)	8
Lift(m)	30
Discharging capacity(ml)	32.6
Net weight(kg)	7.5
Power	1E36F-2A
Water outlet diameter(mm)	25
Power(kW/r/min)	0.9/6500
Package dimension(mm)	400×330×390

50ZB30-2.94Q/80ZB28-2.94Q

4-STROKE



Model	50ZB30-2.94Q/80ZB28-2.94Q
Mating power	EX17
Displacement(cc)	169
Outlet diameter(mm)	50/80
Flow(m³/h)	35/60
Suction length(m)	8
Lift(m)	30/28
Weight(kg)	22/24
Package dimension(mm)	500×380×425/530×380

QGZ40-35-139F

4-STROKE

CE



Model	QGZ40-35-139F
Flow(m³/h)	8
Suction length(m)	8
Lift(m)	30
Discharging capacity(ml)	31
Net weight(kg)	8
Power	139F
Water outlet diameter(mm)	25
Power(kW/r/min)	0.7/7000
Package dimension(mm)	420×275×375

QGZ40-35-142F

4-STROKE

CE



Model	QGZ40-35-142F
Flow(m³/h)	15
Suction length(m)	8
Lift(m)	35
Discharging capacity(ml)	49
Net weight(kg)	10.7
Power	142F
Water outlet diameter(mm)	40
Power(kW/r/min)	1.2/6800
Package dimension(mm)	400×300×450

Outboard engine



Model	HSXW3.6C	HSXW3.6	F50F	HSXW4.0
Package dimension(mm)	415x350x990	415x310x990	415×301×990	490x420x1200
Net weight (Kg)	9.5	9.8	10.5	26
Bracket to propeller center size(mm)	520	520	520	600-1000
Gear transmission ration	2.08(27/13)	2.08(27/13)	2.08 (27/13)	2.15(28/13)
Propeller size	3- 7 1/4" ×5"	3- 7 1/4" ×5"	3- 7 1/4" ×5"	3-7 1/2" ×7"
Recommended gear oil	Hypoid Gear Oil SAE#90			
Gear oil capacity(L)	0.045	0.045	0.045	0.07
Gasoline engine model	1E44F- 2A	1E44F- XW	144FLV	160FLA
Displacement (cc)	51.7	51.7	53.2	118
Max power output(kW/r/min)	1.4/6500	1.4/6500	1.5/6800	2.9/4000
Fuel tank(L)	1.1	1.7	1.0	1.4
Oil capacity(L)	/	/	0.25	0.6

HSXW6.5



HSXW4.0



Model	HSXW6.0	HSXW6.5	HSXW8.0	E15
Package dimension(mm)	622x442x1262	622x442x1262	449x379x1175	873x332x1040
Net weight (Kg)	28	25	23	36
Bracket to propeller center Size(mm)	608	630	630	440
Gear transmission ration	2.08(27/13)	2.08(27/13)	1.5 (24/16)	2.08 (27/13)
Propeller size	3-7 1/2" ×7"	3-7 1/2" ×7"	7 1/4" ×5"	3- 9 1/4" ×8" - J
Recommended gear oil	Hypoid Gear Oil SAE#90			
Gear oil capacity(L)	0.1	0.1	0.1	0.25
Gasoline engine model	170FLC	170FLD	1P73F	Two- cylinder,2-Stroke
Displacement (cc)	173	173	209	246
Max.power output(kW/r/min)	3.8/4000	3.8/4000	5.3/4200	15HP
Fuel tank(L)	1.54	1.4	1.0	24.0
Oil capacity(L)	0.6	0.6	/	/

Tamper



Model	ND-40	ND-40 II
Mating power	1E45F-3A	
Impact number(Hz)	14-24	12-25
Impact energy(J)	40(55)	45
Working rotating speed(r/min)	4400	6000
Power(kW/r/min)	1.6/4400	2.0/6500
Net wight(kg)	24	27.5
Gross weight(Kg)	26	33
Package dimension(mm)	880×500×390	950×450×450

Tamping rammer

KASEI®

KS-HCR70

CE
EURO II
EPA



HCR84

CE
EURO II
EPA



HCR84A

CE
EURO II
EPA



Model	HCR70	HCR70A	HCR70A-1	HCR70B	HCR84	HCR84A
Mating power	1E45F-3 (two stroke engine)	HONDA GX100	156FC	Robin EH-12D	EH-12D	EH-12D
Impact number (Number/min)	700	700	700	700	650-700	650-700
Impact energy(Kn)	14	15	15	16	16	16
Leap height(mm)	65	65	65	70	80	80
Travel speed(m/min)	17	17	17	17	17	17
Power(Kw/r/min)	1.8/4400	2.2/4000	2.2/4000	2.6/3600	2.6/3600	2.6/3600
Base dimension(mm)	280×335	280×335	280×335	280×335	280×340	280×340
Net weight(Kg)	70	75	75	80	83	83
Gross weight(Kg)	87	92	92	100	103	103
Dimension(mm)	1080×410×750	1080×410×750	1080×410×750	1080×410×750	1140×470×820	1140×470×820

Plate compactor



Model	HZR80	HZR96B
Mating power	HONDA/Subaru/B&S /168FA	HONDA/Subaru/B&S /168FA
Impact number(Hz)	100	100
Impact energy(Kn)	13	15
Compaction depth (cm)	30	30
Base dimension(mm)	455×410	580×500
Travel speed(m/min)	20	20
Power(Kw/r/min)	3.6/3600	3.6/3600
Net weight(Kg)	80	100
Gross weight(Kg)	100	120
Package dimension(mm)	860×510×675	872×532×588

HZR106B

CE
EURO II
EPA



HZR140D/160D

CE
EURO II
EPA



Model	HZR106B	HZR140D	HZR160D
Mating power	HONDA/Subaru/B&S /168FA	HONDA/Subaru/B&S	HONDA/Subaru/B&S
Impact number(Hz)	90	90	90
Impact (Kn)	20	25	28
Compaction depth(cm)	30	30	30
Base dimension(mm)	500×490	700×400	700×400
Travel speed(m/min)	20	24	27
Power(Kw/r/min)	3.6/3600	3.6/3600	5.1/3600
Net weight(Kg)	116	140	160
Gross weight(Kg)	136	160	180
Package dimension(mm)	842×552×638	780×450×1288	780×450×1288

Impact wrench

NLB-1200/NLB-760



Model	NLB-1200	NB760
Mating power	EMARK GS720	YD5200
Free speed(R.P.M)	120000	9000
Power(KW)	3.2	2.2
Fuel tank(L)	0.7	0.56
Torque range(Nm)	500-1200	200-760
Bolt capacity(mm)	16-41	16-41
Square drive Size(mm)	25.4	25.4
Weight(Kgs)	18.3	17
Dimension(mm)	570×270×445	650×400×300



HS600



Model	HS600
Mating power	KIPOR 178F
Engine type	4 stroke, air-cooled, single cylinder, diesel engine
Power(Kw/r/min)	6HP(4.5kw)/3600rpm
Fuel tank(L)	3.5
Theoretical grade Ability	0.25
Oil tank(L)	1.1
Water tank(L)	50
Static linear load(N/CM)	45/50
Nominal amplitude(mm)	0.6
Centrifugal force(Kn)	15
Vibration frequency(Hz)	70
Drive	Hydraulic
Vibration	mechanical drive,electromagnetic clutch
Weight(kgs)	600
Package size(mm)	1460×810×1230



NLT-240



Model		Railway Bolt Lubrication machine
engine	Engine model	142F
	Engine type	One cylinder, air cool, 4 stroke
	displacement (ml)	49
	power (kW /r/min)	1.2/6800
	consumption (g/ kW·h)	≤480
Net weight (kg)		≤45
Working efficiency (pcs/min)		240
Idle speed (r/min)		2500±150
Working speed (r/min)		4500±200
Fuel tank (L)		1.2
Lubrication tank (L)		10
Oil vs Lubrication Rate		2:1 (2 sprayers) ,6:1(4 sprayers)
size (mm)		950×500×900
Noise (dB)		≦100

Road roller

HS950



Model	HS950
Mating Power	186F
Engine Type	4 stroke,air-cooled,single cylineder, diesel engine
Power	8.0hp/3600rpm
Fuel Tank	15L
Fuel Comsumption	280g/kwh
Walk Speed	0-4km/h
Theoretical Grade Ability	30%
Oil Tank	1.65L
Water Tank	67L
Static Linear Load	57/77 N/cm
Nominal Amplitude	0.5mm
Centrifugal Force	20kN
Vibration Frequency	70Hz
Width of Steel Wheel	700mm
Diameter of Steel Wheel	500mm
Total Length	1840mm
Total Width	840mm
Total Height	1820mm
Drive	hydraulic
Vibration	Hydraulic Drive electromagnetic clutch
Weight	950Kg
Package Size	2100x970x1620mm

Rail head grinding machine **KASEI**

NGM-4.5


Model		NGM-4.5 Rail Head Grinding Machine
engine	Engine model	1P73F
	Engine type	One cylinder, air cool, 4 stroke
	displacement (ml)	190
	power (kW /r/min)	5.0/4000
	consumption (g/ kW·h)	≤480
Net weight (kg)		75
Grindstone size		125*55*65
Grindstone speed		4400 rpm
profile wheel center distance		1m
grinding stone stroke		70mm
Working Forward		handle push
Grinding position adjustment mode		Hand wheel adjustment
Noise (dB)		100
size (mm)		1150 x 570 x 1000mm
Packing size		1236x660x1050mm

Cutting machine



Model	LQS350A	LQS500B
Mating power	HONDA/Subaru/B&S	HONDA/Subaru/B&S
Blade length(mm)	250-350	500
Max cut depth(mm)	90	190
Power(Kw/r/min)	4/3750	9.7/3600
Cutting depth Adjust	Handle wheel	Handle wheel
Water tank(L)	14	40
Forward	Handle push	Handle push or Handle wheel driver
Blade cool	Water	Water
Net weight(Kg)	72	150
Gross weight(Kg)	90	181
Package dimension(mm)	1268×638×1000	1130×630×960

LQS350A



LQS500B



Concrete power trowel

KASEI

HRM780

CE



HRM950

CE



Model	HMR780	HMR950
Mating power	HONDA/Subaru/B&S	HONDA/Subaru/B&S
Discharging capacity(ML)	163	163
Fuel tank(L)	3.1	4
Spatula diameter(mm)	700	950
Spatula revolution(r/min)	60-120	60-120
Angle	0-15	0-15
Power(Kw/r/min)	3.6/3600	3.6/3600
Net weight(Kg)	70	82
Package dimension(mm)	820×820×730	1000×1000×730

Gasoline engine

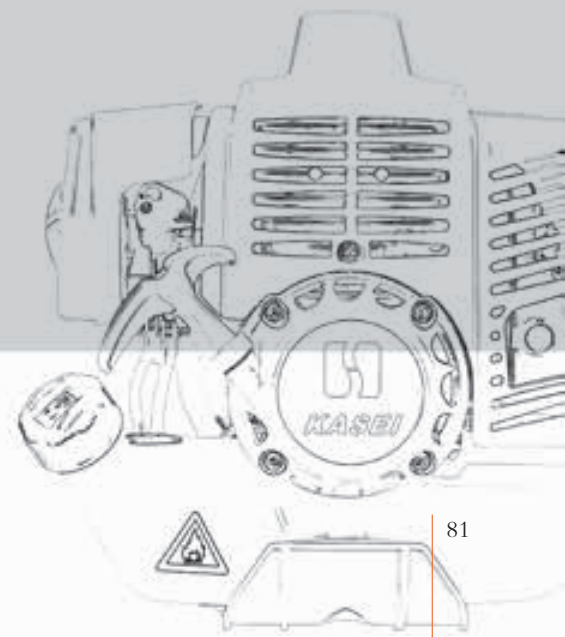


KASEI second generation low-emission technology

For KASEI, it takes more more than 20 years on this technology from research, trial-manufacture, test on mass-production. We own lots of clients from Europe , USA etc, who purchase with strict requirement; products under this technology already exceed 3,000,000 units. With the implementation of China second-stage emission standard from January 1, 2017, we are launching many kinds of well-prepared products to the domestic market with mature technology, stable performance and high economic efficiency.

GASOLINE ENGINE

1. HP series
2. Low emission series
3. FG series
4. Classic series
5. HB series
6. Four stroke series



Gasoline engine



HP23/HP26/HP40



The advantages of HP engines:

- 1. Light weight (the lightest engine in the world)
- 2. Less fuel consumption
- 3. Big power
- 4. This engine was developed with Japanese technology institute

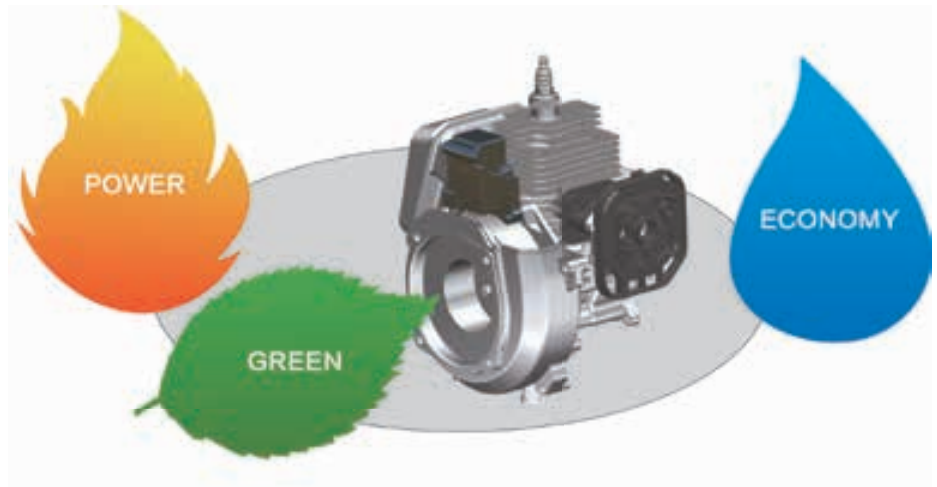
Model	HP23	HP26	HP40	HP50E
Engine type	two stroke	two stroke	two stroke	two stroke
Max Output(Kw/r/min)	0.7/8000	0.8/8000	1.25/7000	1.9/9000
Displacement(cm³)	22.4	25.4	39.8	50.0
Bore*Stroke(mm)	32 × 28	34 × 28	39.8 × 32	45 × 32
Fuel type	≥ 90#	≥ 90#	≥ 90#	≥ 90#
Fuel Consumption(g/kw.h)	≤ 610	≤ 610	≤ 610	≤ 610
Fuel tank Capacity(l)	0.55	0.55	0.97	0.75
Net weight (kg)	2.8	2.8	4.5	4.1
Package dimension(mm)	280*250*265	280*250*265	300*295*295	300*190*265

New expression of two-stroke gasoline engine

LOW EMISSION SERIES

Huasheng strato-charged technology

For Huasheng, it takes more more than 20 years on this technology from research, trial-manufacture, test on mass-production. We own lots of clients from Europe , USA etc, who purchase with strict requirement; With the implementation of this technology from January 1, 2015, we are launching many kinds of well-prepared products to the domestic market with mature technology, stable performance and high economic efficiency.



1E34F-3E



1E36F-3E



1E40F-3E



1E44F-3E



Model	1E34F-3E	1E36F-3E	1E40F-3E	1E44F-3E
Engine type	two stroke	two stroke	two stroke	two stroke
Max Output(Kw/r/min)	0.7/7000	0.9/7500	1.1/7000	1.3/7000
Displacement(cm³)	27.2	32.6	42.7	51.7
Bore*Stroke(mm)	34*30	36*32	40*34	44*34
Fuel type	≥ 90#	≥ 90#	≥ 90#	≥ 90#
Fuel Consumption(g/kw.h)	≤ 610	≤ 610	≤ 610	≤ 610
Fuel tank Capacity(l/w)	0.8	1	1	1
Net weight (kg)	3.3	4.1	4.7	4.7
Package dimension(mm)	270*250*170	290*270*180	290*290*195	290*290*195

Gasoline engine

FG SERIES

The advantages of FG engines:

- Convenient to operate with easy starter.
- Low emission, EPA III and EURO II approved.
- Low fuel consumption, 20%-30% less than traditional engine.
- High reliability and excellent performance after millions of verification in the market.

1E34FG



1E36FG



1E40FG



1E44FG



1E48F



1E53F



Model	1E34FG	1E36FG	1E40FG	1E44FG	1E48F	1E53F
Engine type	two stroke	two stroke	two stroke	two stroke	two stroke	two stroke
Max Output(Kw/r/min)	0.75/7500	0.9/7000	1.2/7000	1.4/7000	2.2/7500	2.5/7000
Displacement(cm³)	25.4	32.6	42.7	51.7	63.3	79.4
Bore*Stroke(mm)	34*28	36*32	40*34	44*34	48*35	53*36
Fuel type	≥ 90#	≥ 90#	≥ 90#	≥ 90#	≥ 90#	≥ 90#
Fuel Consumption(g/kw.h)	≤ 680	≤ 610	≤ 610	≤ 610	≤ 680	≤ 680
Fuel tank Capacity(l)	0.6	0.65	1	1	1.3	1.3
Net weight (kg)	2.8	3.4	4.3	4.3	4.6Kg	4.7Kg
Package dimension(mm)	260*190*255	290*220*275	300*205*300	300*205*300	300*230*295	305*235*315

CLASSIC SERIES

1E34F



1E36F-2A



1E40F-5A



1E44F-2A



Model	1E34F	1E36F-2A	1E40F-5A	1E44F-2A
Engine type	two stroke	two stroke	two stroke	two stroke
Max Output(Kw/r/min)	0.75/7500	0.9/6500	1.25/6500	1.4/6500
Displacement(cm³)	25.4	32.6	42.7	51.7
Bore*Stroke(mm)	34*28	16*32	40*34	44*34
Fuel type	≥ 90#	≥ 90#	≥ 90#	≥ 90#
Fuel Consumption(g/kw.h)	≤ 740	≤ 680	≤ 610	≤ 610
Fuel tank Capacity(l)	0.75	0.9	1.2	1.2
Net weight (kg)	2.4	3.4	4.2	4.5
Package dimension(mm)	270*240*295	255*175*237	283*178*254	283*178*254

Gasoline engine

HB SERIES



The advantages of HB engines

- 1. New appearance
- 2. Light weight
- 3. Big power
- 4. Less fuel consumption

Model	HB33	HB43	HB52
Engine type	two stroke	two stroke	two stroke
Max Output(Kw/r/min)	0.9/7000	1.25/7000	1.4/7000
Displacement(cm³)	32.6	42.7	51.7
Bore*Stroke(mm)	16*32	40*34	44*34
Fuel type	≥ 90#	≥ 90#	≥ 90#
Fuel Consumption(g/kw.h)	≤ 680	≤ 610	≤ 610
Fuel tank Capacity(l)	1	1.1	1.1
Net weight (kg)	3.4	4.2	4.2
Package dimension(mm)	273*174*238	272*188*257	272*188*257

FOUR STROKE SERIES

135F



Displacement (cm³)

25

Max power output(kW/r/min)

0.7/7000

140FA



Displacement (cm³)

37.7

Max power output(kW/r/min)

1.0/6500

142FV/144FV



Displacement (cm³)

49/53.2

Max power output(kW/r/min)

1.2(1.5)/6800

FOUR STROKE SERIES

KS168F

4-STROKE

Displacement (cm³)

163

Max power output(kW/r/min)

3.7/3600



KS170FLC

Displacement (cm³)

173

Max power output(kW/r/min)

3.8/3600



EX17

ET25B

Displacement (cm³)

169

25

Max power output(kW/r/min)

4.2/4000

0.7/7000



ET37V

Displacement (cm³)

37

Max power output(kW/r/min)

0.9/6000



ET53

Displacement (cm³)

49/53.2

Max power output(kW/r/min)

1.2(1.5)/6800



156FC

Displacement (cm³)

110

Max power output(kW/r/min)

2.0/3600



KASEI®

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