HIDEA POWER

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Hidea Outboards

Hangzhou Hidea power machinery Co., LTD

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HIDEA

OUTBOARD MOTOR

Power creates fantastic life


HIDEA
HIDEA
200
HIDEA
200
HIDEA
175
HIDEA
150


SPORTSWOW 620

- *Professional Manufacturer*
- *Automobile Engine Manufacturing Technology*
- *World-class Anti-corrosion Technology*

COMPANY PROFILE

■ Hangzhou Hidea Power Machinery Co., Ltd. is a national-level enterprise integrating outboard motor R&D, intelligent manufacturing and service. It is located in Hangzhou, the city of quality in China, and has an annual design and production capacity of 100,000 units of outboard motors. Hidea's intelligent manufacturing adopts advanced foreign equipment, automated flow operations, robotic operations, and data management control and collection to ensure that the quality of Hidea outboard motors reaches the international advanced level in the industry.

Hidea outboard motors are mainly divided into two-stroke, four-stroke, EFI, LPG, and other series products. Hidea's distribution network covers more than 80 countries or regions on five continents. Hidea is a world-renowned brand based on reliable product quality and a perfect after-sales service system.Hidea has successively obtained CCS, EPA, and CE certificates and is also the drafting unit of China' s outboard motor industry standards.Based on the development concept of truth-seeking, focus, collaboration, and creation, Hidea harnesses human wisdom and constantly develops green power products to create a fantastic life for people.

SPECIFICATIONS

EFI

HDEF200

Max.output	147.1KW
Max RPM RANGE	5000-6000
Stroke	4
Cylinder	4
Displacement (cc)	2785
BoreXStroke(mm)	96×96.2
Weight	L:226 kg X:230kg
Gear Ratio	26:14(1.86)
Gear Shift Position	F-N-R
Lgnition System	ECM
Cooling System	Water-cooling
Starting System	Electric start
Control System	Remote Control
Fuel Tank (L)	

HDEF175

Max.output	128.7KW
Max RPM RANGE	5000-6000
Stroke	4
Cylinder	4
Displacement (cc)	2785
BoreXStroke(mm)	96×96.2
Weight	L:226 kg X:230kg
Gear Ratio	26:14(1.86)
Gear Shift Position	F-N-R
Lgnition System	ECM
Cooling System	Water-cooling
Starting System	Electric start
Control System	Remote Control
Fuel Tank (L)	

HDEF150

Max.output	110.3KW
Max RPM RANGE	5000-6000
Stroke	4
Cylinder	4
Displacement (cc)	2785
BoreXStroke(mm)	96×96.2
Weight	L:226 kg X:230kg
Gear Ratio	26:14(1.86)
Gear Shift Position	F-N-R
Lgnition System	ECM
Cooling System	Water-cooling
Starting System	Electric start
Control System	Remote Control
Fuel Tank (L)	

SPECIFICATIONS

EFI

HDEF130

Max.output	95.6KW
Max RPM RANGE	5000-6000
Stroke	4
Cylinder	4
Displacement (cc)	1832
BoreXStroke(mm)	81X88.9
Weight	L:180kg X:184kg
Gear Ratio	28:13(2.15)
Gear Shift Position	F-N-R
Lgnition System	ECM
Cooling System	Water-cooling
Starting System	Electric start
Control System	Remote Control
Fuel Tank (L)	

HDEF115

Max.output	84.6KW
Max RPM RANGE	5000-6000
Stroke	4
Cylinder	4
Displacement (cc)	1832
BoreXStroke(mm)	81X88.9
Weight	L:180kg X:184kg
Gear Ratio	28:13(2.15)
Gear Shift Position	F-N-R
Lgnition System	ECM
Cooling System	Water-cooling
Starting System	Electric start
Control System	Remote Control
Fuel Tank (L)	

HDEF100

Max.output	73.5KW
Max RPM RANGE	5000-6000
Stroke	4
Cylinder	4
Displacement (cc)	1832
BoreXStroke(mm)	81X88.9
Weight	L:180kg X:184kg
Gear Ratio	28:13(2.15)
Gear Shift Position	F-N-R
Lgnition System	ECM
Cooling System	Water-cooling
Starting System	Electric start
Control System	Remote Control
Fuel Tank (L)	

SPECIFICATIONS

EFI

HDEF60

Max.output	44.1KW
Max RPM RANGE	5000-5800
Stroke	4
Cylinder	4
Displacement (cc)	996
BoreXStroke(mm)	65X75
Weight	L:126kg/121kg
Gear Ratio	28:12(2.33)/24:13(1.85)
Gear Shift Position	F-N-R
Lgnition System	ECM
Cooling System	Water-cooling
Starting System	Electric start
Control System	Tiller & Remote Control
Fuel Tank (L)	24

HDEF50

Max.output	36.8KW
Max RPM RANGE	5000-5800
Stroke	4
Cylinder	4
Displacement (cc)	996
BoreXStroke(mm)	65X75
Weight	L:126kg/121kg
Gear Ratio	28:12(2.33)/24:13(1.85)
Gear Shift Position	F-N-R
Lgnition System	ECM
Cooling System	Water-cooling
Starting System	Electric start
Control System	Tiller & Remote Control
Fuel Tank (L)	24

SPECIFICATIONS

EFI

HDEF40

Max.output	29.4KW
Max RPM RANGE	5000-5800
Stroke	4
Cylinder	3
Displacement (cc)	747
BoreXStroke(mm)	65X75
Weight	S:103kg L:107kg
Gear Ratio	26:13(2.0)
Gear Shift Position	F-N-R
Lgnition System	ECM
Cooling System	Water-cooling
Starting System	Electric start
Control System	Tiller & Remote Control
Fuel Tank (L)	24

HDEF30

Max.output	22KW
Max RPM RANGE	5000-5800
Stroke	4
Cylinder	2
Displacement (cc)	498
BoreXStroke(mm)	65X75
Weight	S:77kg L:79kg
Gear Ratio	26:13(2.0)
Gear Shift Position	F-N-R
Lgnition System	ECM
Cooling System	Water-cooling
Starting System	Electric start
Control System	Tiller & Remote Control
Fuel Tank (L)	24

HDEBF20

Max.output	14.7KW
Max RPM RANGE	4500-5500
Stroke	4
Cylinder	2
Displacement (cc)	362
BoreXStroke(mm)	63×58.1
Weight	S:52kg L:54kg
Gear Ratio	27:13(2.08)
Gear Shift Position	F-N-R
Lgnition System	ECM
Cooling System	Water-cooling
Starting System	Electric start
Control System	Tiller & Remote Control
Fuel Tank (L)	12

SPECIFICATIONS

FOUR STROKE

HDBF20

Max.output	14.7KW
Max RPM RANGE	4500-5500
Stroke	4
Cylinder	2
Displacement (cc)	362
BoreXStroke(mm)	63×58.1
Weight	S:51kg L:53kg
Gear Ratio	27:13(2.08)
Gear Shift Position	F-N-R
Lgnition System	CDI
Cooling System	Water-cooling
Starting System	Manual/Electric start
Control System	Tiller & Remote Control
Fuel Tank (L)	12

HDF20

Max.output	14.7KW
Max RPM RANGE	4500-5500
Stroke	4
Cylinder	2
Displacement (cc)	345
BoreXStroke(mm)	61X59
Weight	S:58kg L:60kg
Gear Ratio	27:13(2.08)
Gear Shift Position	F-N-R
Lgnition System	CDI
Cooling System	Water-cooling
Starting System	Manual/Electric start
Control System	Tiller & Remote Control
Fuel Tank (L)	12

HDF9.9

Max.output	7.2KW
Max RPM RANGE	4500-5500
Stroke	4
Cylinder	2
Displacement (cc)	212
BoreXStroke(mm)	56X43
Weight	S:41.5kg L:42kg
Gear Ratio	27:13(2.08)
Gear Shift Position	F-N-R
Lgnition System	CDI
Cooling System	Water-cooling
Starting System	Manual/Electric start
Control System	Tiller & Remote Control
Fuel Tank (L)	12

SPECIFICATIONS

FOUR STROKE

HDF6

Max.output	4.4KW
Max RPM RANGE	4500-5500
Stroke	4
Cylinder	1
Displacement (cc)	139
BoreXStroke(mm)	62X46
Weight	S:27kg L:28kg
Gear Ratio	27:13(2.08)
Gear Shift Position	F-N-R
Lgnition System	TCI
Cooling System	Water-cooling
Starting System	Manual/Electric start
Control System	Tiller Control
Fuel Tank (L)	1.1

HDF5

Max.output	3.6KW
Max RPM RANGE	4500-5500
Stroke	4
Cylinder	1
Displacement (cc)	112
BoreXStroke(mm)	59X41
Weight	S:22kg L:24kg
Gear Ratio	27:13(2.08)
Gear Shift Position	F-N-R
Lgnition System	TCI
Cooling System	Water-cooling
Starting System	Manual
Control System	Tiller Control
Fuel Tank (L)	1.1

HDF2.5

Max.output	1.8KW
Max RPM RANGE	5250-5750
Stroke	4
Cylinder	1
Displacement (cc)	72
BoreXStroke(mm)	54X31.5
Weight	S:17kg L:17.5kg
Gear Ratio	27:13(2.08)
Gear Shift Position	F-N
Lgnition System	TCI
Cooling System	Water-cooling
Starting System	Manual
Control System	Tiller Control
Fuel Tank (L)	0.9

SPECIFICATIONS

TWO STROKE

HD85F

Max.output	62.5KW
Max RPM RANGE	4500-5500
Stroke	2
Cylinder	3
Displacement (cc)	1140
BoreXStroke(mm)	82X72
Weight	L:114kg X:124KG
Gear Ratio	26:13(2.0)
Gear Shift Position	F-N-R
Lgnition System	CDI
Cooling System	Water-cooling
Starting System	Manual/Electric start
Control System	Tiller & Remote Control
Fuel Tank (L)	24

HD75F

Max.output	55.2KW
Max RPM RANGE	4500-5500
Stroke	2
Cylinder	3
Displacement (cc)	1140
BoreXStroke(mm)	82X72
Weight	L:114kg X:124KG
Gear Ratio	26:13(2.0)
Gear Shift Position	F-N-R
Lgnition System	CDI
Cooling System	Water-cooling
Starting System	Manual/Electric start
Control System	Tiller & Remote Control
Fuel Tank (L)	24

HD60F

Max.output	44.1KW
Max RPM RANGE	4500-5500
Stroke	2
Cylinder	3
Displacement (cc)	849
BoreXStroke(mm)	72X69.5
Weight	L:104kg
Gear Ratio	28:12(2.33)
Gear Shift Position	F-N-R
Lgnition System	CDI
Cooling System	Water-cooling
Starting System	Manual/Electric start
Control System	Tiller & Remote Control
Fuel Tank (L)	24

SPECIFICATIONS

TWO STROKE

HD40F

Max.output	29.4KW
Max RPM RANGE	4500-5500
Stroke	2
Cylinder	2
Displacement (cc)	703
BoreXStroke(mm)	80X70
Weight	S:76kg L:78kg
Gear Ratio	26:13(2.0)
Gear Shift Position	F-N-R
Lgnition System	CDI
Cooling System	Water-cooling
Starting System	Manual/Electric start
Control System	Tiller & Remote Control
Fuel Tank (L)	24

HDG40F

Max.output	29.4KW
Max RPM RANGE	4500-5500
Stroke	2
Cylinder	2
Displacement (cc)	669
BoreXStroke(mm)	78X70
Weight	S:65kg L:67kg
Gear Ratio	24:13 (1.85)
Gear Shift Position	F-N-R
Lgnition System	CDI
Cooling System	Water-cooling
Starting System	Manual/Electric start
Control System	Tiller & Remote Control
Fuel Tank (L)	24

HDJ40F

Max.output	29.4KW
Max RPM RANGE	4500-5500
Stroke	2
Cylinder	2
Displacement (cc)	669
BoreXStroke(mm)	80X70
Weight	S:65kg L:67kg
Gear Ratio	26:13(2.0)
Gear Shift Position	F-N-R
Lgnition System	CDI
Cooling System	Water-cooling
Starting System	Manual
Control System	Tiller
Fuel Tank (L)	24

SPECIFICATIONS

TWO STROKE

HD30F

Max.output	22KW
Max RPM RANGE	4500-5500
Stroke	2
Cylinder	2
Displacement (cc)	496
BoreXStroke(mm)	72X61
Weight	S:53kg L:55kg
Gear Ratio	27:13(2.08)
Gear Shift Position	F-N-R
Lgnition System	CDI
Cooling System	Water-cooling
Starting System	Manual/Electric start
Control System	Tiller & Remote Control
Fuel Tank (L)	24

HD25F

Max.output	18.4KW
Max RPM RANGE	4500-5500
Stroke	2
Cylinder	2
Displacement (cc)	496
BoreXStroke(mm)	72X61
Weight	S:53kg L:55kg
Gear Ratio	27:13(2.08)
Gear Shift Position	F-N-R
Lgnition System	CDI
Cooling System	Water-cooling
Starting System	Manual/Electric start
Control System	Tiller & Remote Control
Fuel Tank (L)	24

HD20F

Max.output	14.7KW
Max RPM RANGE	5200-5800
Stroke	2
Cylinder	2
Displacement (cc)	326
BoreXStroke(mm)	62X54
Weight	S:42kg L:44kg
Gear Ratio	24:13(1.85)
Gear Shift Position	F-N-R
Lgnition System	CDI
Cooling System	Water-cooling
Starting System	Manual/Electric start
Control System	Tiller & Remote Control
Fuel Tank (L)	24

HD18F

Max.output	13.2KW
Max RPM RANGE	4500-5500
Stroke	2
Cylinder	2
Displacement (cc)	326
BoreXStroke(mm)	62X54
Weight	S:42kg L:44kg
Gear Ratio	24:13(1.85)
Gear Shift Position	F-N-R
Lgnition System	CDI
Cooling System	Water-cooling
Starting System	Manual/Electric start
Control System	Tiller & Remote Control
Fuel Tank (L)	24

SPECIFICATIONS

TWO STROKE

HDD15F

Max.output	11KW
Max RPM RANGE	4500-5500
Stroke	2
Cylinder	2
Displacement (cc)	246
BoreXStroke(mm)	56X50
Weight	S:39kg L:41kg
Gear Ratio	27:13(2.08)
Gear Shift Position	F-N-R
Lgnition System	CDI
Cooling System	Water-cooling
Starting System	Manual
Control System	Tiller Control
Fuel Tank (L)	24

HD15F

Max.output	11KW
Max RPM RANGE	4500-5500
Stroke	2
Cylinder	2
Displacement (cc)	246
BoreXStroke(mm)	56X50
Weight	S:38kg L:40kg
Gear Ratio	27:13(2.08)
Gear Shift Position	F-N-R
Lgnition System	CDI
Cooling System	Water-cooling
Starting System	Manual
Control System	Tiller Control
Fuel Tank (L)	24

HD9.9F

Max.output	7.3KW
Max RPM RANGE	4500-5500
Stroke	2
Cylinder	2
Displacement (cc)	246
BoreXStroke(mm)	56X50
Weight	S:38kg L:40kg
Gear Ratio	27:13(2.08)
Gear Shift Position	F-N-R
Lgnition System	CDI
Cooling System	Water-cooling
Starting System	Manual
Control System	Tiller Control
Fuel Tank (L)	24

HD9.8F

Max.output	7.2KW
Max RPM RANGE	4500-5500
Stroke	2
Cylinder	2
Displacement (cc)	169
BoreXStroke(mm)	50X43
Weight	S:26kg L:27kg
Gear Ratio	27:13(2.08)
Gear Shift Position	F-N-R
Lgnition System	CDI
Cooling System	Water-cooling
Starting System	Manual
Control System	Tiller Control
Fuel Tank (L)	12

SPECIFICATIONS

TWO STROKE

HD5F

Max.output	3.7KW
Max RPM RANGE	4500-5500
Stroke	2
Cylinder	1
Displacement (cc)	102
BoreXStroke(mm)	55X43
Weight	S:21kg L:23kg
Gear Ratio	27:13(2.08)
Gear Shift Position	F-N-R
Lgnition System	CDI
Cooling System	Water-cooling
Starting System	Manual
Control System	Tiller Control
Fuel Tank (L)	2.5

HD4FW

Max.output	2.9KW
Max RPM RANGE	4000-5500
Stroke	2
Cylinder	1
Displacement (cc)	79.5
BoreXStroke(mm)	48×44
Weight	S:15kg L:16kg
Gear Ratio	27:13(2.08)
Gear Shift Position	F-N
Lgnition System	CDI
Cooling System	Water-cooling
Starting System	Manual
Control System	Tiller Control
Fuel Tank (L)	1.4

HD3F

Max.output	2.2KW
Max RPM RANGE	4000-5500
Stroke	2
Cylinder	1
Displacement (cc)	64
BoreXStroke(mm)	45×40
Weight	11.8kg
Gear Ratio	27:13(2.08)
Gear Shift Position	F-N
Lgnition System	CDI
Cooling System	Water-cooling
Starting System	Manual
Control System	Tiller Control
Fuel Tank (L)	1.2

SERIES INTRODUCTION

TWO STROKE

HDJ30F

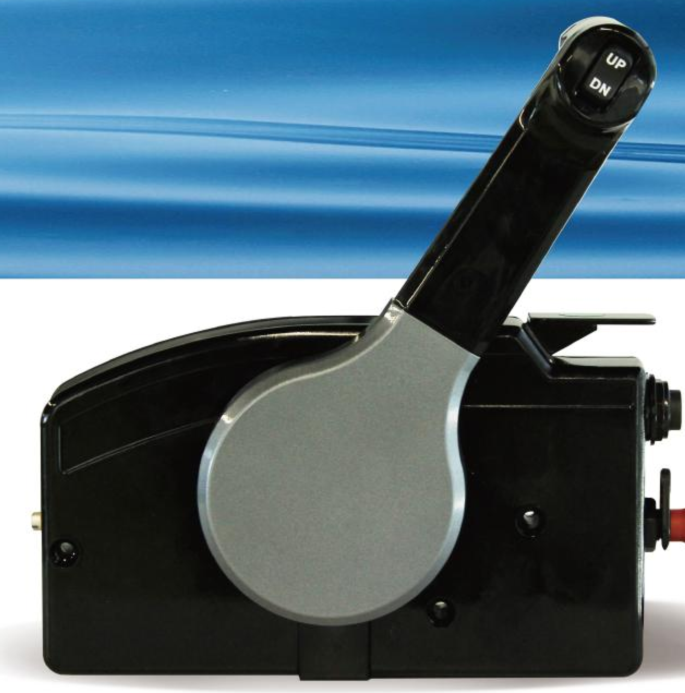
Max.output	22KW
Max RPM RANGE	4500-5500
Stroke	2
Cylinder	2
Displacement (cc)	496
BoreXStroke(mm)	72X61
Weight	S:70kg L:72kg
Gear Ratio	
Gear Shift Position	F-N-R
Lgnition System	CDI
Cooling System	Water-cooling
Starting System	Manual
Control System	Tiller
Fuel Tank (L)	24

HDJ40F

Max.output	29.4KW
Max RPM RANGE	4500-5500
Stroke	2
Cylinder	2
Displacement (cc)	703
BoreXStroke(mm)	80X70
Weight	S:84kg L:86kg
Gear Ratio	
Gear Shift Position	F-N-R
Lgnition System	CDI
Cooling System	Water-cooling
Starting System	Manual
Control System	Tiller
Fuel Tank (L)	24

REMOTE CONTROL BOX AND STEERING SYSTEM

- The internal spline of the propeller is made of high-quality copper alloy, and the shock-absorbing rubber sleeve is an integrated structure, which has good fastening performance and is not easy to degum. The shape of the paddle is scientifically calculated by CAE and is formed in one piece, with a perfect arc and high water-cutting efficiency. It undergoes 100% dynamic balance calibration for more stable operation. The unique anti-corrosion process makes it durable.



- Hidea has specially developed a remote control box and steering system for the front-control models, which conforms to the principles of ergonomics, provides smooth and precise control, quick shifting, and enhances the user experience for a better sailing life.

INSTRUMENTS

■ The multi-functional integrated handle is a special steering handle developed by Hidea for the rear-operated model. It conforms to the principles of ergonomics and integrates the gear shifting mechanism, fuel valve operating mechanism, and tilting switch, among other functions to improve user convenience and experience.

Integrated tiller steering handle

■ Hidea digital instruments can provide many important pieces of information about engines, ships, fuel, water, engine oil, batteries, etc., which help to achieve efficient and simple operations. For the multi-function touch screen, in line with the requirements of the NMEA2000 marine communication protocol, the interface is intuitive, simple, and the operation is smooth. It can be operated by both digital and analog reading methods.

Marine instrument

Marine instrument

Lifting altimeter

Multifunctional digital instrument

WEAR PARTS

■ For outboard motor maintenance, please be sure to use original genuine spare parts from Hidea. Long-term use of non-genuine spare parts will cause irreversible damage to the engine and other components. The use of other brands of spare parts is also likely to damage the engine.

OIL-WATER SEPARATOR

FUEL TANK

OIL FILTER