



HIDEA
OUTBOARDS



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HIDEA

COMPANY INTRODUCTION

Hangzhou Hidea Power Machinery Co., Ltd. is a listed company specializing in the production of outboard engines. The company is located in Hangzhou, a city of quality life in China. Our factory has an annual capacity of 100,000 outboard engines. The outboard engine production line of the company was established in accordance with China's intelligent manufacturing standards. The production system adopts advanced foreign equipment for automated flow operations, robot operation, data management

and control, and acquisition, ensuring that Hidea manufactured product quality can reach international advanced standards.

Hidea attaches great importance to the issue of anti-corrosion of outboard engines and has always been committed to research and resolution of anti-corrosion problems. The company's new paint production line utilises the most advanced paint anti-corrosion technology in the industry, and enhances it in all aspects including materials, pre-treatment, paint formulation and lacquer layer thickness.

Hidea current products are mainly two-stroke series, four-stroke series, durability series and electronic fuel injection system outboard engines.

The company's existing distribution network covers more than 70 countries and regions such as Europe, the Americas, Oceania, Australia, Asia and Africa. With a stable and reliable quality and after-sales service system, Hidea products enjoy a global reputation.

Hidea has passed ISO9001 international quality system certification, China Classification Society CCS certification, the United States EPA certification and the European Union CE certification. It has successively won honors such as Zhejiang Outboard R&D Center, Zhejiang Famous Brand Products, Zhejiang High-tech Enterprise, etc. It is also the drafting unit of Chinese outboard engine industry standard. Hidea is focused on innovation, dedication, efficiency, and ingenious development concepts. It concentrates on the wisdom of experts, constantly develops green environmental protection power products, and provides people with continuous efforts to provide a high quality of life.

Power of Hidea, Power of Spirit!

9 REASONS TO CHOOSE HIDEA

State-of-the-art production facility



1.

Hidea is China's largest manufacturing facility for outboard engines, with an annual production capacity of 100,000 outboard engines.



2. Hidea outboards feature great corrosion resistance thanks to having the world's top anti-corrosion technology and our automatic electrophoresis production line.

3.

Each outboard has 6 layers of American PPG paint which keeps our motors looking beautiful and having great anti-corrosion performance.



4.

Our engines are cleaned robotically with the water and oil channels fixed, which greatly extended the service life of our motors.



5.

Our main components are produced with special high-precision tooling in our machine center to allow for high quality and stability.



6.

Engine seals are glued by servo-shift automatic applicators with makes glue lines uniform and precise.

7.

Hidea performs axial clearance testing on the line to ensure that each machine has no mechanical loss of power and that moving parts are precisely matched.



9.

Both the engine and gearbox are tested to be air tight on the line to ensure that both are expertly sealed.



8.

Automatic tightening machines assemble all of our core components with precise tools and torque.



OUR STRENGTH



CNC Workshop



Assembling Workshop



Automatic tightening



Robot

- Listed company on Shanghai Stock Exchange
- Leading brand in China market
- World class anti-corrosion coating to protect against saltwater

High-tech manufacturing equipment



World-class supply partners





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EFI



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EFI
4 STROKE



PRODUCTS
HDEF130 HDEF130FEL-T



Model	HDEF 130
Max. Output (kW)	95.6
Recommended Max RPM	5300-6300
Stroke	4
Cylinder	4
Displacement (cc)	1832
Bore×Stroke	81 x 88.9
Weight	L: 175kg
Gear Ratio	28:13 (2.15)
Gear Shift Position Ignition	F-N-R
System	ECM
Cooling System	Water-cooling
Starting System	Electric start
Control System	Remote Control
Standard Capacity of Fuel Tank (L)	24


PRODUCTS

HDEF115

HDEF115FEL-T

Model	HDEF 115
Max. Output (kW)	84.6
Recommended Max RPM	5300-6300
Stroke	4
Cylinder	4
Displacement (cc)	1832
Bore×Stroke	81 x 88.9
Weight	L: 175kg
Gear Ratio	28:13 (2.15)
Gear Shift Position Ignition	F-N-R
System	ECM
Cooling System	Water-cooling
Starting System	Electric start
Control System	Remote Control
Standard Capacity of Fuel Tank (L)	24


PRODUCTS

HDEF60

HDEF60HEL-T / HDEF60FEL-

Model	HDEF 60
Max. Output (kW)	44.1
Recommended Max RPM	5000-5800
Stroke	4
Cylinder	4
Displacement (cc)	996
Bore×Stroke	65×75
Weight	L: 109kg
Gear Ratio	28:12 (2.33)
Gear Shift Position Ignition	F-N-R
System	ECM
Cooling System	Water-cooling
Starting System	Electric start
Control System	Tiller & Remote Control
Standard Capacity of Fuel Tank (L)	24



PRODUCTS

HDEF50



HDEF50HEL-T / HDEF50FEL-T

Model	HDEF50
Max. Output (kw)	36.8 KW
Recommended Max RPM	5000-5800
Stroke	4
Cylinder	4
Displacement (cc)	996
Bore×Stroke	65×75
Weight	L: 109kg
Gear Ratio	28:12 (2.33)
Gear Shift Position Ignition	F-N-R
System	ECM
Cooling System	Water-cooling
Starting System	Electric start
Control System	Tiller & Remote Control
Standard Capacity of Fuel Tank (L)	24



PRODUCTS

HDEF40



HDEF40HEL-T & HDEF40FEL-T

Model	HDEF40
Max. Output (kw)	29.4
Recommended Max RPM	5000-5800
Stroke	4
Cylinder	3
Displacement (cc)	747
Bore×Stroke	65×75
Weight	L: 97kg
Gear Ratio	28:12 (2.33)
Gear Shift Position Ignition	F-N-R
System	ECM
Cooling System	Water-cooling
Starting System	Electric start
Control System	Tiller & Remote Control
Standard Capacity of Fuel Tank (L)	24

**HIFLEX****EFI**

HDEF30



HDEF30HES / HDEF30HEL
 HDEF30FES / HDEF30FE
 L HDEF30FES-T / HDEF30FEL-
 T

Model	HDEF30
Max. Output (kW)	22
Recommended Max RPM	5000-5800
Stroke	4
Cylinder	2
Displacement (cc)	498
Bore×Stroke	65×75
Weight	S: 78kg L: 80kg
Gear Ratio	27:13 (2.08)
Gear Shift Position	F-N-R
Ignition System	ECM
Cooling System	Water-cooling Electric
Starting System	start
Control System	Manual & Electric start
Standard Capacity of Fuel Tank (L)	24



HDEF20



HDEF20HS / HDEF20HL
 HDEF20FES / HDEF20FEL
 HDEF20HES / HDEF20HEL

Model	HDEF20
Max. Output (kW)	14.7
Recommended Max RPM	4500-5500
Stroke	4
Cylinder	2
Displacement (cc)	323
Bore×Stroke	59×59
Weight	S: 53.4kg L: 54.4kg
Gear Ratio	27:13 (2.08)
Gear Shift Position	F-N-R
Ignition System	ECM
Cooling System	Water-cooling Electric
Starting System	start
Control System	Manual & Electric Start
Standard Capacity of Fuel Tank (L)	12



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4-STROKE



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4-STROKE



PRODUCTS

HDF 20



HDF20HS / HDF20HL
 HDF20HES / HDF20HEL
 HDF20FES / HDF20FEL
 HDF20HES-IB / HDF20HEL-IB

Model	HDF20
Max. Output (kW)	14.7
Recommended Max RPM	4500-5500
Stroke	4
Cylinder	2
Displacement (cc)	323
Bore×Stroke	59×59
Weight	S: 49.5kg L: 51.5kg
Gear Ratio	27:13 (2.08)
Gear Shift Position	F-N-R
Ignition System	CDI
Cooling System	Water-cooling
Starting System	Manual & Electric start
Control System	Tiller & Remote Control
Standard Capacity of Fuel Tank (L)	12

IB models features built-in lithium battery for starting and running navigation lights etc. Recharges whilst motor is operating or can be recharged with AC-DC charger supplied.



PRODUCTS

HDF 15



HDF15HS / HDF15HL
 HDF15HES / HDF15HEL
 HDF15FES / HDF15FEL
 HDF15HES-IB / HDF15HEL-IB

Model	HDF15
Max. Output (kW)	11
Recommended Max RPM	4500-5500
Stroke	4
Cylinder	2
Displacement (cc)	323
Bore×Stroke	59×59
Weight	S: 53.4kg L: 54.4kg
Gear Ratio	27:13 (2.08)
Gear Shift Position	F-N-R
Ignition System	CDI
Cooling System	Water-cooling
Starting System	Manual & Electric start
Control System	Tiller & Remote Control
Standard Capacity of Fuel Tank (L)	12

IB models features built-in lithium battery for starting and running navigation lights etc. Recharges whilst motor is operating or can be recharged with AC-DC charger supplied.



HIFSEA

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PRODUCTS

HDF 9.9



HDF9.9HS / HDF9.9HL
 HDF9.9HES / HDF9.9HEL
 HDF9.9FES / HDF9.9FEL
 HDF9.9HES-IB / HDF9.9HEL-IB

Model	HDF9.9
Max. output (kW)	7.2
Recommended Max RPM	5000-5800
Stroke	4
Cylinder	2
Displacement (cc)	212
Bore×Stroke	56×43
Weight	S: 41.6kg L: 43kg
Gear Ratio	27:13 (2.08)
Gear Shift Position	F-N-R
Ignition System	CDI
Cooling System	Water-cooling
Starting System	Manual & Electric start
Control System	Tiller & Remote Control
Standard Capacity of Fuel Tank (L)	12

IB models features built-in lithium battery for starting and running navigation lights etc. Recharges whilst motor is operating or can be recharged with AC-DC charger supplied.



PRODUCTS

HDF 8



HDF8HS / HDF8HL
 HDF8HES / HDF8HEL
 HDF8FES / HDF8FEL
 HDF8HES-IB / HDF8HEL-IB

Model	HDF 8
Max. Output (kW)	5.9
Recommended Max RPM	4500-5500
Stroke	4
Cylinder	2
Displacement (cc)	212
Bore×Stroke	56×43
Weight	S: 41.6kg L: 43kg
Gear Ratio	27:13 (2.08)
Gear Shift Position	F-N-R
Ignition System	CDI
Cooling System	Water-cooling
Starting System	Manual & Electric start
Control System	Tiller & Remote Control
Standard Capacity of Fuel Tank (L)	12

IB models features built-in lithium battery for starting and running navigation lights etc. Recharges whilst motor is operating or can be recharged with AC-DC charger supplied.



PRODUCTS HDF 6



HDF6HS & HDF6HL

Model	HDF 6
Max. Output (kW)	4.4
Recommended Max RPM	4500-5500
Stroke	4
Cylinder	1
Displacement (cc)	139
Bore×Stroke	62×46
Weight	S: 27kg L: 28kg
Gear Ratio	27:13(2.08)
Gear Shift Position	F-N-R
Ignition System	TCI
Cooling System	Water-cooling
Starting System	Manual Tiller
Control System	Control 1.1
Standard Capacity of Fuel Tank (L)	



PRODUCTS HDF 5



HDF5HS & HDF5HL

Model	HDF 5
Max. Output (kW)	3.6
Recommended Max RPM	4500-5500
Stroke	4
Cylinder	1
Displacement (cc)	112
Bore×Stroke	59×41
Weight	S: 22kg L: 23kg
Gear Ratio	27:13(2.08)
Gear Shift Position	F-N-R
Ignition System	TCI
Cooling System	Water-cooling
Starting System	Manual Tiller
Control System	Control 1.1
Standard Capacity of Fuel Tank (L)	



PRODUCTS HDF 4



HDF4HS & HDF4HL

Model	HDF 4
Max. Output (kW)	2.9
Recommended Max RPM	5250-5750
Stroke	1
Cylinder	11
Displacement(cc)	59×41
Bore×Stroke	S: 22kg
Weight	L: 23kg 27.13 (2.08) F-N
Gear Ratio	TCI
Gear Shift Position	Water-cooling
Ignition System	Manual Tiller
Cooling System	Control 0.9
Starting System	
Control System	
Standard Capacity of Fuel Tank (L)	



PRODUCTS HDF2.5



HDF2.5HS

Model	HDF 2.5
Max. Output (kW)	1.8
Recommended Max RPM	5250-5750
Stroke	4
Cylinder	1
Displacement (cc)	72
Bore×Stroke	54×31.5
Weight	S: 17kg 27.13
Gear Ratio	(2.08) F-N
Gear Shift Position	TCI
Ignition System	Water-cooling
Cooling System	Manual Tiller
Starting System	Control 0.9
Control System	
Standard Capacity of Fuel Tank (L)	



Hidea are Yamaha 33C cable connector compatible and supplied with 7-pin (non power tilt and trim) or 10-pin (power tilt and trim) control cable and selector cables (throttle and F-N-R). A multifunction 85mm gauge shows revs, speed, engine status, temperature and hours.

Quality hydraulic steering kits are available for up to 350HP outboards.



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EFI

STROKE



◀ HDFE130FEL-T



◀ HDFE115FEL-T



◀ HDEF60HEL-T
HDEF60FEL-T



◀ HDEF50HEL-T
HDEF50FEL-T



◀ HDEF40HEL-T
HDEF40FEL-T



◀ HDEF30HES / HDEF30HEL
HDEF30FES / HDEF30FEL
HDEF30FES-T / HDEF30FEL-T



◀ HDEF20HS / HDEF20HL
HDEF20FES / HDEF20FEL
HDEF20HES / HDEF20HEL

H:Tiller steer

F:Forward control

L:Long shaft

S:Short shaft

E:Electric start

T: Power tilt & trim

4 STROKE



HDF20HS ▣HDF20HL ▶
HDF20HES ▣HDF20HEL
HDF20FES ▣HDF20FEL
HDF20FES-T ▣HDF20FEL-T



HDF15HS ▣HDF15HL ▶
HDF15FES ▣HDF15FEL
HDF15HES ▣HDF15HEL



HDF9.9HS ▣HDF9.9HL ▶
HDF9.9FES ▣HDF9.9FEL
HDF9.9HES ▣HDF9.9HEL



HDF8HS ▣HDF8HL ▶
HDF8FES ▣HDF8FEL
HDF8HES ▣HDF8HEL



HDF6HS ▶
HDF6HL



HDF5HS ▶
HDF5HL



HDF4HS ▶
HDF4HL



HDF2.5HS ▶

H:Tiller steer

F:Forward control

L:Long shaft

S:Short shaft

E:Electric start

T: Power tilt & trim

IB : In-built battery