



HIDEA



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HIDEA

First-Class Chinese Outboard Motor

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. It 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 the Hidea manufactured product quality can reach the international advanced level in the industry.

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 adopts the advanced paint anti-corrosion technology in the industry, and enhances it in all aspects including materials, pre-treatment, paint formulation, and lacquer layer thickness. It has been verified that Hidea outboard seawater corrosion life can reach the international level of the same industry. Hidea current products are mainly two-stroke series, four-stroke series, durability series and electronic fuel injection system outboard engines. All products are independently developed and over 70% of the products are exported to developed countries such as Europe and the United States. The company's existing distribution network covers more than 70 countries and regions such as Europe, the Americas, Oceania, 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



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 which 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.



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



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

OUR CUSTOMERS



HIGH-TEC MANUFACTURING EQUIPMENT

Mitutoyo

IR Ingersoll Rand
Industrial Technologies

Desoutter



inomatec

Atlas Copco

SIEMENS

HYUNDAI

Mazak

WORLDWIDE SUPPLY CHAIN

NSK

Martyr
ANODES

BASF
The Chemical Company

NTN

3M

PPG PAINTS

S K F

NGK
SPARK
PLUGS

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EFI



PRODUCTS

HDEF130 / 115

HDEF130FEL-T/HDEF130FEX-T
HDEF115FEL-T/HDEF115FEX-T



Model	HDEF130	HDEF115
Max.output(kW)	95.6	84.6
Recommended Max RPM	5300-6300	5300-6300
Stroke	4	4
Cylinder	4	4
Displacement(cc)	1832	1832
Bore X Stroke (mm)	81×88.9	81×88.9
Weight(kg)	L:180 X:184	L:180 X:184
Gear Ratio	28:13(2.15)	28:13(2.15)
Gear Shift Position	F-N-R	F-N-R
Ignition System	ECM	ECM
Cooling System	Water-cooling	Water-cooling
Starting System	Electric start	Electric start
Control System	Front operation	Front operation
Standard Capacity of Fuel Tank(L)		



PRODUCTS HDEF60

HDEF60HVEL-T/HDEF60FVEL-T
HDEF60HUEL-T/HDEF60FUEL-T



Model	HDEF60
Max.output(kW)	44.1
Recommended Max RPM	5000-5800
Stroke	4
Cylinder	4
Displacement(cc)	996
Bore x Stroke (mm)	65 x 75
Weight(kg)	L:126/121
Gear Ratio	28:12(2.33) / 24:13(1.85)
Gear Shift Position	F-N-R
Ignition System	ECM
Cooling System	Water-cooling
Starting System	Electric start
Control System	Rear/Front operation
Standard Capacity of Fuel Tank(L)	24



PRODUCTS HDEF50

FRP Ship
HDEF50HVEL-T/HDEF50FVEL-T
HDEF50HUEL-T/HDEF50FUEL-T

Model	HDEF50
Max.output(kW)	36.8
Recommended Max RPM	5000-5800
Stroke	4
Cylinder	4
Displacement(cc)	996
Bore x Stroke(mm)	65 x 75
Weight(kg)	L:126/121
Gear Ratio	28:12(2.33) / 24:13(1.85)
Gear Shift Position	F-N-R
Ignition System	ECM
Cooling System	Water-cooling
Starting System	Electric start
Control System	Rear/Front operation
Standard Capacity of Fuel Tank(L)	24





PRODUCTS HDE40/30

HDE40HEL-T | HDE40FEL-T
HDE30HEL-T | HDE30FEL-T



Model	HDE40	HDE30
Max.output(kW)	29.4	22
Recommended Max RPM	5000-5800	5000-5800
Stroke	4	4
Cylinder	3	3
Displacement(cc)	747	747
Bore×Stroke (mm)	65×75	65×75
Weight(kg)	L:107	L:107
Gear Ratio	26:13(2.08)	26:13(2.08)
Gear Shift Position	F-N-R	F-N-R
Ignition System	ECM	ECM
Cooling System	Water-cooling	Water-cooling
Starting System	Electric start	Electric start
Control System	Rear/Front operation	Rear/Front operation
Standard Capacity of Fuel Tank(L)	24	24



PRODUCTS HDE20

Walnut shell Rubber yacht
HDE20HS | HDE20HL
HDE20FES | HDE20FEL
HDE20HES | HDE20HEL

Model	HDE20
Max.output(kW)	14.7
Recommended Max RPM	4500-5500
Stroke	4
Cylinder	2
Displacement(cc)	356
Bore×Stroke (mm)	61×59
Weight(kg)	S:59.6 L:61
Gear Ratio	27:13(2.08)
Gear Shift Position	F-N-R
Ignition System	ECM
Cooling System	Water-cooling
Starting System	Electric start
Control System	Rear/Front operation
Standard Capacity of Fuel Tank(L)	12





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4-STROKE



PRODUCTS



HDF20

HDF20HS|HDF20HL|HDF20FES
HDF20FEL|HDF20ES|HDF20EL
HDF20FES|HDF20FEL

PRODUCTS



HDF15

HDF15HS|HDF15HL
HDF15ES|HDF15EL
HDF15FES|HDF15FEL

Model	HDF20	HDF15
Max.output(kW)	14.7	11
Recommended Max RPM	4500-5500	4500-5500
Stroke	4	4
Cylinder	2	2
Displacement(cc)	345	345
Bore x Stroke (mm)	61 x 59	61 x 59
Weight(kg)	S:58 L:60	S:58 L:60
Gear Ratio	27:13(2.08)	27:13(2.08)
Gear Shift Position	F-N-R	F-N-R
Ignition System	CDI	CDI
Cooling System	Water-cooling	Water-cooling
Starting System	Manual / Electric start	Manual / Electric start
Control System	Rear/Front operation	Rear/Front operation
Standard Capacity of Fuel Tank(L)	12	12

PRODUCTS

HDF9.9

HDF9.9HS\HDF9.9HL
HDF9.9HES\HDF9.9HEL
HDF9.9FES\HDF9.9FEL



Walnut shell Rubber yacht



PRODUCTS

HDF8

HDF8HS\HDF8HL
HDF8HES\HDF8HEL
HDF8FES\HDF8FEL



Walnut shell Rubber yacht



Model	HDF9.9	HDF8
Max.output(kW)	7.2	5.9
Recommended Max RPM	5000-5800	4500-5500
Stroke	4	4
Cylinder	2	2
Displacement(cc)	212	212
Bore x Stroke (mm)	56 x 43	56 x 43
Weight(kg)	S:41.5 L:42	S:41.5 L:42
Gear Ratio	27:13(2.08)	27:13(2.08)
Gear Shift Position	F-N-R	F-N-R
Ignition System	CDI	CDI
Cooling System	Water-cooling	Water-cooling
Starting System	Manual / Electric start	Manual / Electric start
Control System	Rear/Front operation	Rear/Front operation
Standard Capacity of Fuel Tank(L)	12	12

Model	HDF6
Max.output(kW)	4.4
Recommended Max RPM	4500-5500
Stroke	4
Cylinder	1
Displacement(cc)	139
Bore x Stroke (mm)	62 x 46
Weight(kg)	S:27 L:28
Gear Ratio	27:13(2.08)
Gear Shift Position	F-N-R
Ignition System	TCI
Cooling System	Water-cooling
Starting System	Manual
Control System	Rear operation
Standard Capacity of Fuel Tank(L)	1.1

PRODUCTS

HDF6

HDF6HS\HDF6HL



Walnut shell Rubber yacht



PRODUCTS HDF5

HDF5HAS\HDF5HAL



Walnut shell Rubber yacht



PRODUCTS HDF4

HDF4HS\HDF4HL



Walnut shell Rubber yacht



PRODUCTS HDF2.5

HDF2.5HS\HDF2.5HL



Walnut shell Rubber yacht



Model	HDF5	HDF4
Max.output(kW)	3.6	2.9
Recommended Max RPM	4500-5500	4500-5500
Stroke	4	4
Cylinder	1	1
Displacement(cc)	112	112
Bore×Stroke (mm)	59×41	59×41
Weight(kg)	S:22 L:24	S:22 L:24
Gear Ratio	27:13(2.08)	27:13(2.08)
Gear Shift Position	F-N-R	F-N-R
Ignition System	TCI	TCI
Cooling System	Water-cooling	Water-cooling
Starting System	Manual	Manual
Control System	Rear operation	Rear operation
Standard Capacity of Fuel Tank(L)	1.1	1.1

Model	HDF2.5
Max.output(kW)	1.8
Recommended Max RPM	5250-5750
Stroke	4
Cylinder	1
Displacement(cc)	72
Bore×Stroke (mm)	54×31.5
Weight(kg)	S:17 L:18
Gear Ratio	27:13(2.08)
Gear Shift Position	F-N
Ignition System	TCI
Cooling System	Water-cooling
Starting System	Manual
Control System	Rear operation
Standard Capacity of Fuel Tank(L)	0.9

JET DRIVE

2-STROKE



4-STROKE

EFI