





### 9 REASONS TO CHOOSE HIDEA





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



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



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



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



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



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



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.



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



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

### COMPANY STRENGTHS

- Listed company of outboard engine in China
- Leading brand of outboard engine in China
- Applied world-class cutting edge anti-corrosion coating to protect your engine in harsh marine condition



#### HIGH-TEC MANUFACTURING EQUIPMENT

















#### **WORLDWIDE SUPPLY CHAIN**







Martyr















# PRODUCT HDEF60



Model	HDEF 60
Max.output(kw)	44.1KW
Recommended Max RPM	5000-5800
Stroke	4
Cylinder	4
Displacement(cc)	996
Bore×Stroke	65×75
Weight	L:124kg
Gear Ratio	28:12 (2.33)
Gear Shift Position	F-N-R
Ignition System	ECM
Cooling System	Water-cooling
Starting System	Electric start
Control System	Tiller & Remote Control
Standard Capacity of Fuel Tank (L)	24





# PRODUCT HDEF50



Model	HDEF50
Max.output(kw)	36.8KW
Recommended Max RPM	5000-5800
Stroke	4
Cylinder	4
Displacement(cc)	996
Bore×Stroke	65×75
Weight	L:124kg
Gear Ratio	28:12 (2.33)
Gear Shift Position	F-N-R
Ignition System	ECM
Cooling System	Water-cooling
Starting System	Electric start
Control System	Tiller & Remote Control
Standard Capacity of Fuel Tank (L)	24





# PRODUCT HDEF40



Model	HDEF40
Max.output(kw)	29.4KW
Recommended Max RPM	5000-5800
Stroke	4
Cylinder	3
Displacement(cc)	747
Bore×Stroke	65×75
Weight	L:103kg
Gear Ratio	28:12 (2.33)
Gear Shift Position	F-N-R
Ignition System	ECM
Cooling System	Water-cooling
Starting System	Electric start
Control System	Tiller & Remote Control
Standard Capacity of Fuel Tank (L)	24





# PRODUCT HDEF40SK



Model	HDEF 40 SK
Max.output(kw)	29.4KW
Recommended Max RPM	5000-5800
Stroke	4
Cylinder	4
Displacement(cc)	996
Bore×Stroke	65×75
Weight	L:124kg
Gear Ratio	28:12 (2.33)
Gear Shift Position	F-N-R
Ignition System	ECM
Cooling System	Water-cooling
Starting System	Electric start
Control System	Tiller & Remote control
Standard Capacity of Fuel Tank (L)	24







### **PRODUCT** MR. GREY



Model	HDEF40
Max.output(kw)	29.4KW
Recommended Max RPM	5000-5800
Stroke	4
Cylinder	3
Displacement(cc)	747
Bore×Stroke	65×75
Weight	L:103kg
Gear Ratio	28:12 (2.33)
Gear Shift Position	F-N-R
Ignition System	ECM
Cooling System	Water-cooling
Starting System	Electric start
Control System	Tiller & Remote Control
Standard Capacity of Fuel Tank (L)	24

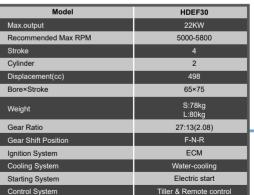




# **PRODUCT** HDEF30

Standard Capacity of Fuel Tank (L)











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# **PRODUCT** HDEF25



HDEF25HES \ HDEF25HEL HDEF25FES \ HDEF25FEL HDEF25FES-T\ HDEF25FEL-T HDEF25HES-T\ HDEF25HEL-T

Model	HDEF30
Max.output	18.4 kw
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
Starting System	Electric start
Control System	Tiller & Remote control
Standard Capacity of Fuel Tank (L)	24





# **PRODUCT** HDEF20





HDEF20HES \ HDEF20HEL HDEF20FES \ HDEF20FEL

Model	HDEF20
Max.output	14.7KW
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
Starting System	Electric start
Control System	Manual & Electric startl
Standard Capacity of Fuel Tank (L)	24







# PRODUCT HDF 25



HDF25HS \ HDF25HL HDF25HES \ HDF25FEL HDF25FES \ HDF25FEL-HDF25FES-T \ HDF25FEL-T

Model	HDF25
Max.output	18.4KW
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	CDI
Cooling System	Water-cooling
Starting System	Manual & Electric start
Control System	Tiller & Remote Control
Standard Capacity of Fuel Tank (L)	24



# PRODUCT HDF 20



HDF20HS \ HDF20HL HDF20HES \ HDF20FEL HDF20FES \ HDF20FEL

Model	HDF20
Max.output	14.7KW
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)	24



### 4-STROKE

# PRODUCT HDF 15

Standard Capacity of Fuel Tank (L)



HDF15HS \ HDF15HL HDF15HES \ HDF15FEL HDF15FES \ HDF15FEL

Model	HDF15
Max.output	11KW
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



# PRODUCT HDF 9.9



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

Model	HDF9.9
Max.output	7.2KW
Recommended Max RPM	4500-5500
Stroke	2
Cylinder	212
Displacement(cc)	56×43
Bore×Stroke	"S:41.6kg
Weight	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



#### 4-STROKE

# PRODUCT HDF 8



HDF8HS \ HDF8HL HDF8HES \ HDF8HEL HDF8FES \ HDF8FEL

Model	HDF 8
Max.output	5.9KW
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



# **PRODUCT** HDF 6



Model	HDF 6
Max.output	4.4KW
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
Control System	Tiller Control
Standard Capacity of Fuel Tank (L)	1.1





# **PRODUCT** HDF 5

Standard Capacity of Fuel Tank (L)



HDF5HAS \ HDF5HAL

Model	HDF 5
Max.output	3.6KW
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
Control System	Tiller Control



# PRODUCT HDF 4



HDF4HS \ HDF4HL

Model HDF 4 2.9KW Recommended Max RPM 4500-5500 Cylinder Bore×Stroke 59×41 "S:22kg Weight L:23kg " Gear Ratio 27:13(2.08) Gear Shift Position F-N-R Ignition System TCI Cooling System Water-cooling Starting System Manual Control System Tiller Control Standard Capacity of Fuel Tank (L) 1.1



#### 4-STROKE

# PRODUCT HDF2.5

Starting System

Control System

Standard Capacity of Fuel Tank (L)



HDF2.5HS \ HDF2.5HL

 
 Model
 HDF 2.5

 Max.output
 1.8 KW

 Recommended Max RPM
 5250-5750

 Stroke
 4

 Cylinder
 1

 Displacement(cc)
 72

 Bore×Stroke
 54×31.5

 Weight
 "S:17kg L:18kg"

 Gear Ratio
 27:13(2.08)

 Gear Shift Position
 F-N

 Ignition System
 TCI

 Cooling System
 Water-cooling

9

Manual

Tiller Control

0.9







# PRODUCT HD60F



HD60FHL-D \ HD60FFEL-D \ HD60FFEL-T

Model	HD60F
Max.output	44.1KW
Recommended Max RPM	4500-5500
Stroke	2
Cylinder	3
Displacement(cc)	849
Bore×Stroke	72×69.5
Weight	" L:102kg"
Gear Ratio	28:12 (2.33)
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)	24



# PRODUCT HD75F



HD75FHL-D \ HDFHX-D HD75FEL-T \ HD75FEX-T

Model	HDF9.9
Max.output	55.2KW
Recommended Max RPM	4500-5500
Stroke	2
Cylinder	3
Displacement(cc)	1140
Bore×Stroke	82x72
Weight	L:114kg"
Gear Ratio	26:13(2.0)
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)	24



### 2-STROKE

# PRODUCT HD85F



HD85FHL-D \ HD85FHX-E HD85FEL-T \ HD85FEX-T

Model	HDF 8
Max.output	62.5KW
Recommended Max RPM	4500-5500
Stroke	2
Cylinder	3
Displacement(cc)	1140
Bore×Stroke	82×72
Weight	L:114kg"
Gear Ratio	26:13(2.0)
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)	24

# PRODUCT HD40F



HD40FHS \ HD40FHES \ HD40FFES \ HD40FFES-T HD40FHL \ HD40FHEL \ HD40FFEL \ HD40FFEL-T



PRODUCT HD30F



HD30FHS \ HD30FHES \ HD30FFES \ HD30FHL HD30FHEL \ HD30FFEL

Model	HD40F	HD30F
Max.output	29.4 KW	22 KW
Recommended Max RPM	4500-5500	4500-5500
Stroke	2	2
Cylinder	2	2
Displacement(cc)	703	496
Bore×Stroke	80×70	72×61
Weight	"S:76.6 kg	"S:54kg
	L:80.6kg"	L:61kg"
Gear Ratio	26:13 (2.00)	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	Tiller & Remote Control	Tiller & Remote Control
Standard Capacity of Fuel Tank (L)	24	24



PRODUCT HD25F



HD25FHS \ HD25FFES \ HD25FHES \ HD25FHL

HD25FFEL \ HD25FHEL





HD20FHS \ HD20FFES HD20FHL \ HD20FFEL

Model	HD25F	HD20F
Max.output	18.4 KW	14.7kw
Recommended Max RPM	4500-5500	5200-5800
Stroke	2	2
Cylinder	2	2
Displacement(cc)	496	326
Bore×Stroke	72×61	62x54
Weight	"S:54kg	"S:43kg
	L:61kg"	L:48kg "
Gear Ratio	27:13 (2.08)	24:13 (1.85)
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	Tiller & Remote Control	Tiller & Remote Control
Standard Capacity of Fuel Tank (L)	24	24





HD18FHS \ HD18FFES

HD18FHL \ HD18FFEL

Standard Capacity of Fuel Tank (L)



24



Model HD18F HD15F Max.output 13.2KW 11 KW Recommended Max RPM 5200-5800 4500-5500 Cylinder 2 2 326 Displacement(cc) 56×50 Bore×Stroke 62x54 "S:43kg "S:36kg Weight L:48kg " L:38kg " Gear Ratio 24:13 (1.85) 27:13 (2.08) Gear Shift Position Ignition System CDI CDI Cooling System Water-cooling Water-cooling Starting System Manual & Electric start Manual Control System Tiller & Remote Control Tiller Control

24



**PRODUCT HD9.8F □** 

HD9.8FHS \ HD9.8FHL

Model	HD9.9F	HD9.8F
Max.output	7.3KW	7.2KW
Recommended Max RPM	4500-5500	4500-5500
Stroke	2	2
Cylinder	2	2
Displacement(cc)	246	169
Bore×Stroke	56×50	50×43
Weight	"S:36kg	"S:26kg
	L:38kg "	L:27kg "
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	Manual
Control System	Tiller Control	Tiller Control
Standard Capacity of Fuel Tank (L)	24	12

# **PRODUCT** HD5F



HD5FHS \ HD5FHL



Model	HD5F	HD4FW
Max.output	3.7KW	2.9KW
Recommended Max RPM	4500-5500	4000-5500
Stroke	2	2
Cylinder	1	1
Displacement(cc)	102	79.5
Bore×Stroke	55×43	48×44
Weight	"S:20kg	"S:13kg
	L:21kg "	L:14kg "
Gear Ratio	27:13(2.08)	27:13(2.08)
Gear Shift Position	F-N-R	F-N
Ignition System	CDI	CDI
Cooling System	Water-cooling	Water-cooling
Starting System	Manual	Manual
Control System	Tiller Control	Tiller Control
Standard Capacity of Fuel Tank (L)	2.5	1.4

### 2-STROKE

### **PRODUCT** HD3F











Model	HD3F
Max.output	2.2
Recommended Max RPM	4000-5500
Stroke	2
Cylinder	1
Displacement(cc)	64
Bore×Stroke	45×40
Weight	9.8kg
Gear Ratio	27:13(2.08)
Gear Shift Position	F-N
Ignition System	CDI
Cooling System	Water-cooling
Starting System	Manual
Control System	Tiller Control
Standard Capacity of Fuel Tank (L)	1.2



#### **PRODUCTS CATALOGUE**











H: REAR CONTROL F: FRONT REMOTE S: SHORT SHAFT E: ELECTRICAL STARTER L: LONG SHAFT T: POWER TRIM

#### **PRODUCTS CATALOGUE**



















H: REAR CONTROL F: FRONT REMOTE S: SHORT SHAFT E: ELECTRICAL STARTER L: LONG SHAFT T: POWER TRIM

# HD40FFES \ HD40FFEL HD40FFES \ HD40FFEL HD40FFES \ HD40FFEL-T HD30FHS \ HD30FHL HD30FFES \ HD30FFEL HD30FHES \ HD30FHEL ◀ HD5FHS HD5FHL

#### **PRODUCTS CATALOGUE**



H: REAR CONTROL F: FRONT REMOTE S: SHORT SHAFT E: ELECTRICAL STARTER L: LONG SHAFT T: POWER TRIM





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