



# HIDEA

## Outboard engines from 2.5 to 200 Hp

### 4 STROKE - CARBURETOR



Hidea's four-stroke outboard motor has a compact structure, high integration, excellent anti-corrosion performance, lightweight, low noise, low vibration, clean emissions, low fuel consumption, stable and reliable performance, and easy control. It includes a complete warning system to ensure safer operation. The power ranges from 2.5 to 130 hp. For models above 20 hp, there is a high-performance electronic fuel injection system configuration with even better performance. It is suitable for a variety of scenarios and brings you a full range of dynamic driving enjoyment.

#### HDF2.5

Max Output	1.8 kW
Max RPM RANGE	5250 - 5750
Stroke	4
Cylinder	1
Displacement (cc)	72
Bore X Stroke (mm)	54 x 31.5
Weight	S: 17 Kg - L: 17.5 Kg
Gear Ratio	27:13 (2.08)
Gear Shift Position	F-N
Ignition System	TCI
Cooling System	Water-Cooling
Starting System	Manual
Control System	Tiller Control
Fuel Tank (L)	0.9

#### HDF5

Max Output	3.6 kW
Max RPM RANGE	4500 - 5500
Stroke	4
Cylinder	1
Displacement (cc)	112
Bore X Stroke (mm)	59 x 41
Weight	S: 22 Kg - L: 24 Kg
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
Fuel Tank (L)	1.1

#### HDF6

Max Output	4.4 kW
Max RPM RANGE	4500 - 5500
Stroke	4
Cylinder	1
Displacement (cc)	139
Bore X Stroke (mm)	62 x 46
Weight	S: 27 Kg - L: 28 Kg
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
Fuel Tank (L)	1.1

#### HDF8

Max Output	5.9 kW
Max RPM RANGE	4500 - 5500
Stroke	4
Cylinder	2
Displacement (cc)	212
Bore X Stroke (mm)	56 x 43
Weight	S: 41.5 Kg - L: 42 Kg
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
Fuel Tank (L)	12

#### HDF9.9

Max Output	7.2 kW
Max RPM RANGE	4500 - 5500
Stroke	4
Cylinder	2
Displacement (cc)	212
Bore X Stroke (mm)	56 x 43
Weight	S: 41.5 Kg - L: 42 Kg
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
Fuel Tank (L)	12

#### HDF15

Max Output	11 kW
Max RPM RANGE	4500 - 5500
Stroke	4
Cylinder	2
Displacement (cc)	345
Bore X Stroke (mm)	61 x 59
Weight	S: 58 Kg - L: 60 Kg
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
Fuel Tank (L)	12

#### HDF20

Max Output	14.7 kW
Max RPM RANGE	4500 - 5500
Stroke	4
Cylinder	2
Displacement (cc)	345
Bore X Stroke (mm)	61 x 59
Weight	S: 58 Kg - L: 60 Kg
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
Fuel Tank (L)	12

#### HDBF20 **NEW**

Max Output	14.7 kW
Max RPM RANGE	4500 - 5500
Stroke	4
Cylinder	2
Displacement (cc)	362
Bore X Stroke (mm)	63 x 58.1
Weight	S: 51 Kg - L: 53 Kg
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
Fuel Tank (L)	12



**EFI** using many advanced technologies and structures such as low friction design, SFI, 16V DOHC, MAPCID, fuel evaporation recovery and utilization, etc., it has experienced "high temperature", "high altitudes" "Low temperature" high-precision adjustments and multiple rounds of sea trial durability verification. It has strong environmental adaptability, excellent NVH performance, convenient control, and takes into account low emissions, high performance and excellent fuel economy. Give you more comfortable and powerful water driving experience.

## HDEF20

Max Output	14.7 kW
Max RPM RANGE	4500 - 5500
Stroke	4
Cylinder	2
Displacement (cc)	345
Bore X Stroke (mm)	61 x 59
Weight	S: 59.6 Kg - L: 61 Kg
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
Fuel Tank (L)	12

## HDEF30

Max Output	22 kW
Max RPM RANGE	5000 - 5800
Stroke	4
Cylinder	2
Displacement (cc)	498
Bore X Stroke (mm)	65 x 75
Weight	S: 77 Kg - L: 79 Kg
Gear Ratio	26:13 (2.0)
Gear Shift Position	F-N-R
Ignition System	ECM
Cooling System	Water-Cooling
Starting System	Electric start
Control System	Tiller & Remote Control
Fuel Tank (L)	24

## HDEF40

Max Output	29.4 kW
Max RPM RANGE	5000 - 5800
Stroke	4
Cylinder	3
Displacement (cc)	747
Bore X Stroke (mm)	65 x 75
Weight	S: 103 Kg - L: 107 Kg
Gear Ratio	26:13 (2.0)
Gear Shift Position	F-N-R
Ignition System	ECM
Cooling System	Water-Cooling
Starting System	Electric start
Control System	Tiller & Remote Control
Fuel Tank (L)	24

## HDEF50

Max Output	36.8 kW
Max RPM RANGE	5000 - 5800
Stroke	4
Cylinder	4
Displacement (cc)	996
Bore X Stroke (mm)	65 x 75
Weight	L: 126 / 121 Kg
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	Tiller & Remote Control
Fuel Tank (L)	24

## HDEF60

Max Output	44.1 kW
Max RPM RANGE	5000 - 5800
Stroke	4
Cylinder	4
Displacement (cc)	996
Bore X Stroke (mm)	65 x 75
Weight	L: 126 / 121 Kg
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	Tiller & Remote Control
Fuel Tank (L)	24

## HDEF100

Max Output	73.5 kW
Max RPM RANGE	5000 - 6000
Stroke	4
Cylinder	4
Displacement (cc)	1832
Bore X Stroke (mm)	81 x 88.9
Weight	L: 180 Kg - X: 184 Kg
Gear Ratio	28:13 (2.15)
Gear Shift Position	F-N-R
Ignition System	ECM
Cooling System	Water-Cooling
Starting System	Electric start
Control System	Remote Control
Fuel Tank (L)	

## HDEF115

Max Output	84.6 kW
Max RPM RANGE	5000 - 6000
Stroke	4
Cylinder	4
Displacement (cc)	1832
Bore X Stroke (mm)	81 x 88.9
Weight	L: 180 Kg - X: 184 Kg
Gear Ratio	28:13 (2.15)
Gear Shift Position	F-N-R
Ignition System	ECM
Cooling System	Water-Cooling
Starting System	Electric start
Control System	Remote Control
Fuel Tank (L)	

## HDEF130

Max Output	95.6 kW
Max RPM RANGE	5000 - 6000
Stroke	4
Cylinder	4
Displacement (cc)	1832
Bore X Stroke (mm)	81 x 88.9
Weight	L: 180 Kg - X: 184 Kg
Gear Ratio	28:13 (2.15)
Gear Shift Position	F-N-R
Ignition System	ECM
Cooling System	Water-Cooling
Starting System	Electric start
Control System	Remote Control
Fuel Tank (L)	



## HDEF150 **NEW**

Max Output	110.3 kW
Max RPM RANGE	5000 - 6000
Stroke	4
Cylinder	4
Displacement (cc)	2785
Bore X Stroke (mm)	96 x 96.2
Weight	L: 226 Kg - X: 230 Kg
Gear Ratio	26:14 (1.86)
Gear Shift Position	F-N-R
Ignition System	ECM
Cooling System	Water-Cooling
Starting System	Electric start
Control System	Remote Control
Fuel Tank (L)	

## HDEF175 **NEW**

Max Output	128.7 kW
Max RPM RANGE	5000 - 6000
Stroke	4
Cylinder	4
Displacement (cc)	2785
Bore X Stroke (mm)	96 x 96.2
Weight	L: 226 Kg - X: 230 Kg
Gear Ratio	26:14 (1.86)
Gear Shift Position	F-N-R
Ignition System	ECM
Cooling System	Water-Cooling
Starting System	Electric start
Control System	Remote Control
Fuel Tank (L)	

## HDEF200 **NEW**

Max Output	147.1 kW
Max RPM RANGE	5000 - 6000
Stroke	4
Cylinder	4
Displacement (cc)	2785
Bore X Stroke (mm)	96 x 96.2
Weight	L: 226 Kg - X: 230 Kg
Gear Ratio	26:14 (1.86)
Gear Shift Position	F-N-R
Ignition System	ECM
Cooling System	Water-Cooling
Starting System	Electric start
Control System	Remote Control
Fuel Tank (L)	



Division of RAMA S.p.A.

Via Agnoletti, 8 - 42124 Reggio Emilia

+39 0522 930711

marine@rama.it

