# OSHEN INDUSTRY GROUP
# HYFONG MARINE ENGINES

**THANKS FOR YOUR SELECTING OUR OSHEN-HYFONG BRAND 4 STROKE OUTBOARD MOTORS, ALL PRICES ARE BASED ON FOB NINGBO/SHANGHAI TERMS, VALID WITHIN 10 DAYS**

| | 4 TROKE | | | | 2 STROKE | | |
|---|---|---|---|---|---|---|---|
| MODEL | F2.5M | F4BMS | F5BMS | F6BMS | T2MS | T2.5MS | T2.6MS |
| PRICE(USD)0 | | | | | | | |
| Exernal fuel tank price | | | | | | | |
| | If If you order one model more than 50 pcs, or you can mix models into a 20ft or 40ft container,the fuel tank is free charged | | | | | | |
| Power(HP) | 2.5hp | 4 hp | 5 hp | 6 hp | 2 HP | 2.5 HP | 2.6 hp |
| Power(KW) | 1.8 | 2.9 | 3.7 | 4.4 | 1.6 | 1.8 | 1.9 |
| Cooling System | Water-cooled w/thermostat | | | | Water-cooled w/thermostat | | |
| Cylinder/Configuration 1 | 1 | | | | 1 | | |
| Bore & Stroke (cm/inch | 54 x 31.5/ | 59X45 (2.32 x 1.77) | | | | | |
| O/M Transom Height (mm/in) | 432 (17.0) | 435(17.1) | | | 432 (17.0) | 435(17.1) | |
| Max RPM (WOT) | 5000-6000 | 4500-5500 | | 5000-6000 | 5000-6000 | 4500-5500 | 5000-5500 |
| Engine Type | 4 stroke | | | | 2 Stroke | | |
| Displacement (cc) | 72 | 123 | | | 41 | 43 | 74.6 |
| Ignition | TCI | | | | CDI | | TCI |
| Gear Ratio | 2.08 (27/13) | 28/13 | | | 2.08 (27/13) | 28/13 | 28/13 |
| Oil Pan Capacity (litres) | 0.5 | 0.45 | | | 0.45 | 0.45 | 0.45 |
| Max. Fuel Consumption | 1.7 l/h | 1.6 l/h | 1.68 L/H | 1.7 L/H | 1.8 l/h | 1.8 l/h | 1.65 l/h |
| Spark Plug | BPR7HS | | | | NHSK | | |
| Starting System | Manual Pull start | | | | Manual pull start | | |
| Lubrication System | Pressurized wet sump | | | | Pressurized wet sump | | |
| Propeller | Standard | | | | Standard, 17 inch | | |
| Recommended Oil | Recommended Oil 10W-30/40 | | | | Recommended Oil 10W-30/40 | | |
| Fuel Tank(Integral) Liter | 1 L | 1.3 | | | 1.3L | | 1.25 L |
| Fuel Tank(External) Liter | NO | 12 | | | NO | | |
| Dry Weight (kg.) | 17 | 25 | | | 7.8 | 8 | 17 |
| Gear Shift | Gear Shift F-N | Forward- Netural-Reverse | | | 360 deg tilt drive | | |
| Fuel type | petro/gasoline > #90 | | | | 1:25 mixed fuel | | |
| Exhaust system | Through Prop. | | | | Through Prop. | | |
| Operator Warning System | | Low oil pressure | | | Low oil pressure | | |
| Packing size | 112cm*41.5*56 | 116cm*64.5*41.5 | | | 96*42*28 | | |

# OSHEN INDUSTRY GROUP
# HIDEA MARINE ENGINES

**THANKS FOR YOUR SELECTING OUR OSHEN-HIDEA BRAND OUTBOARD MOTORS, ALL PRICES ARE BASED ON FOB SHANGHAI TERMS, VALID WITHIN 10 DAYS**

## 4 STROKE SERIES

HDF13.5

| | |
|---|---|
| 4-stroke | OUTBOARD MOTOR |
| MODELS | 13.5hp |
| Max.output | 9.9kw |
| Full Throttle Operating Range | 4500-5500rpm |
| Stroke | 4 |
| Cylinder | 2 |
| Displacement(cm) | 323 |
| Bore×Stroke(mm) | 59×59 |
| Length×Width×Height(mm)(L) | 870×427×1207 |
| Length×Width×Height(mm)(S) | 870×427×1080 |
| Weight(kgs) | S:45 L:47 |
| 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 |
| Capacity Of Fuel Tank | 24L/12 |

HDF15

| | |
|---|---|
| 4-stroke | OUTBOARD MOTOR |
| MODELS | 15hp |
| Max.output | 11kw |
| Full Throttle Operating Range | 4500-5500rpm |
| Stroke | 4 |
| Cylinder | 2 |
| Displacement(cm) | 323 |
| Bore×Stroke(mm) | 59×59 |
| Length×Width×Height(mm)(S) | 870×427×1080 |
| Length×Width×Height(mm)(L) | 870×427×1207 |
| Weight(kgs) | S:45 L:47 |
| 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 |
| Capacity Of Fuel Tank | 24L/12 |
| Capacity Of Fuel Tank | 24L |
| Regular gasoline | 50:1 |

2 STROKE SERIES

## HDT9.9

| 2-stroke | OUTBOARD MOTOR |
|---|---|
| MODELS | 9.9hp |
| Max.output | 7.3kw |
| Full Throttle Operating Range | 4000-5000rpm |
| Stroke | 2 |
| Cylinder | 2 |
| Displacement(cm) | 246 |
| Bore×Stroke(㎜) | 56×50 |
| Compression Ratio | 6.8:1 |
| Length×Width×Height(㎜) | 873×332×1040 |
| Weight(kgs) | 36 |
| 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 |
| Lubrication System | Mixed fuel&oil |
| Capacity Of Fuel Tank | 24L |
| Regular gasoline | 50:1 |

## HDT15

| 2-stroke | OUTBOARD MOTOR |
|---|---|
| MODELS | 15hp |
| Max.output | 11kw |
| Full Throttle Operating Range | 4500-5500rpm |
| Stroke | 2 |
| Cylinder | 2 |
| Displacement(cm) | 246 |
| Bore×Stroke(㎜) | 56×50 |
| Compression Ratio | 6.8:1 |
| Length×Width×Height(㎜) | 873×332×1040 |
| Weight(kgs) | 36 |
| 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 |
| Lubrication System | Mixed fuel&oil |
| Capacity Of Fuel Tank | 24L |
| Regular gasoline | 50:1 |