



NEWS 2013

Just like previous years, our novelties focus on improving the everyday boating experience. These are some of this year's newcomers:

ALL-NEW V8 GENERATION This powerful V8-380 engine with world-class hp/kg ratio is extremely fast to plane. It combines new fuel-efficient technology with superior low-, mid- and high-end torque.

NEW, CLEANER D4/D6 Now, Volvo Penta's world-leading D4/D6-series is compliant with US EPA Tier 3, the world's strictest environmental demands for marine diesel engines. The result is minimal environmental impact combined with superior performance.

E-KEY - THE NEW STANDARD The smart and safe e-Key comes with the latest generation EVC diesel engines. Sweep it in front of the e-Key panel to unlock the system – and press the button to start the engines. Only one key per boat is needed.



EASY BOATING

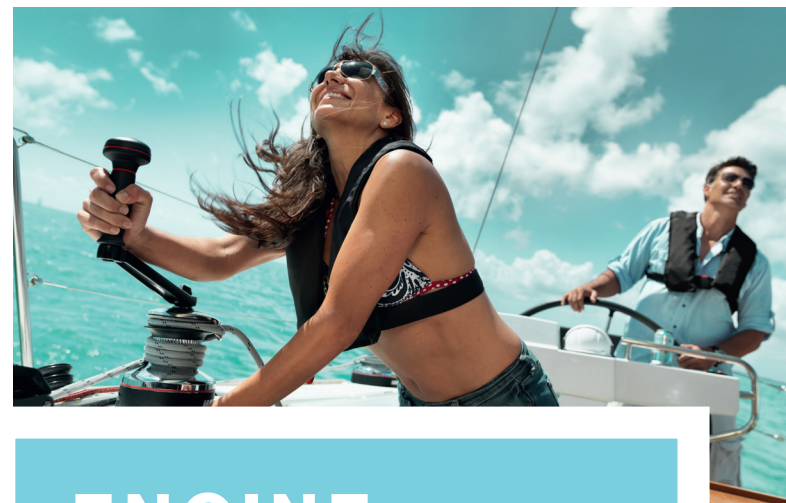
Volvo Penta continues to make your boating easy and intuitive. Because easy means safe and fun driving. The popular joystick, that makes docking a sheer pleasure, is a perfect example of this.



**VOLVO
PENTA**

www.volvopenta.com

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ENGINE RANGE 2013

FOR SAILBOATS AND
POWERBOATS 12-900 HP



MORE PERFORMANCE, LESS CO₂

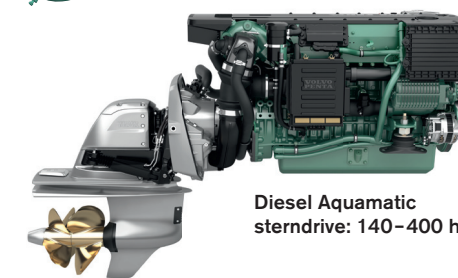
The Volvo Penta 12-900 hp engine range for leisure boats includes state-of-the-art propulsion systems with engines, drives and accessories – all perfectly matched. For you, this means superior performance, high reliability and low CO₂ emissions.



Volvo Penta IPS:
IPS350-IPS1200



Diesel inboard:
12-900 hp
New – D6-435
Waterjet



Diesel Aquamatic
sterndrive: 140-400 hp



Diesel
Saildrive:
12-75 hp



Gasoline Aquamatic
sterndrive: 200-380hp
New – V8-380

DIESEL INBOARD

| ENGINE | TRANSMISSION TYPE | PROPSHAFT KW/HP | CRANKSHAFT KW/HP | RATED RPM | NO. OF CYL. | DISPLACEMENT LITERS/IN ³ | WEIGHT ⁵⁾ KG/LBS | LENGTH ¹⁾ MM/IN | WIDTH ¹⁾ MM/IN | HEIGHT ¹⁾ MM/IN | EMISSION CERTIFICATES |
|-----------|-------------------|-----------------|------------------|-----------|-------------|-------------------------------------|-----------------------------|----------------------------|---------------------------|----------------------------|-----------------------|
| D1-13 | MS10L/A | 8.6/11.8 | 9.0/12.2 | 3200 | 2 | 0.5/31.1 | 112/247 | 649/25.6 ²⁾ | 476/18.7 | 517/20.4 | 2 4 6 7 |
| D1-13 | 130S | 8.6/11.8 | 9.0/12.2 | 3200 | 2 | 0.5/31.1 | 126/278 | 735/28.9 | 476/18.7 | 517/20.4 | 2 4 6 7 |
| D1-20 | MS10L/A | 13/18 | 14/19 | 3200 | 3 | 0.8/46.5 | 130/287 | 679/26.8 ²⁾ | 470/18.5 | 535/21.1 | 2 4 6 7 |
| D1-20 | 130S | 13/18 | 14/19 | 3200 | 3 | 0.8/46.5 | 144/317 | 765/30.0 | 470/18.5 | 535/21.1 | 2 4 6 7 |
| D1-30 | MS10L/A | 20/27 | 21/28 | 3200 | 3 | 1.1/68.9 | 144/317 | 716/28.2 ²⁾ | 482/19.0 | 560/22.1 | 2 4 6 7 |
| D1-30 | MS15L/A | 20/27 | 21/28 | 3200 | 3 | 1.1/68.9 | 156/344 | 727/28.6 ²⁾ | 482/19.0 | 560/22.1 | 2 4 6 7 |
| D1-30 | 130S | 20/27 | 21/28 | 3200 | 3 | 1.1/68.9 | 158/348 | 802/31.6 | 482/19.0 | 560/22.1 | 2 4 6 7 |
| D2-40 | MS15L/A | 28/38 | 29/40 | 3200 | 4 | 1.5/92.1 | 177/390 | 811/31.9 ²⁾ | 482/19.0 | 574/22.6 | 2 4 6 7 |
| D2-40 | 130S | 28/38 | 29/40 | 3200 | 4 | 1.5/92.1 | 189/417 | 886/34.9 | 482/19.0 | 574/22.6 | 2 4 6 7 |
| D2-55 | MS25L/A | 39/53 | 41/55 | 3000 | 4 | 2.2/134.2 | 243/536 | 890/34.0 ²⁾ | 520/20.5 | 687/27.1 | 2 4 6 7 |
| D2-55 | HS25A | 39/53 | 41/55 | 3000 | 4 | 2.2/134.2 | 249/549 | 916/36.1 ²⁾ | 520/20.5 | 687/27.1 | 2 4 6 7 |
| D2-55 | 130S | 39/53 | 41/55 | 3000 | 4 | 2.2/134.2 | 253/558 | 930/36.6 | 520/20.5 | 687/27.1 | 2 4 6 7 |
| D2-75 | MS25L/A | 53/72 | 55/75 | 3000 | 4 | 2.2/134.2 | 258/569 | 890/34.0 ²⁾ | 520/20.5 | 687/27.1 | 2 4 6 7 |
| D2-75 | HS25A | 53/72 | 55/75 | 3000 | 4 | 2.2/134.2 | 264/582 | 916/36.1 ²⁾ | 520/20.5 | 687/27.1 | 2 4 6 7 |
| D2-75 | 150S | 53/72 | 55/75 | 3000 | 4 | 2.2/134.2 | 264/582 | 930/36.6 | 520/20.5 | 687/27.1 | 2 4 6 7 |
| D3-110 | HS25AE | 78/107 | 81/110 | 3000 | 5 | 2.4/146 | 297/655 | 1027/40.4 ²⁾ | 710/28.0 | 750/29.5 | 2 4 5 6 7 |
| D3-110 | HS45AE | 78/107 | 81/110 | 3000 | 5 | 2.4/146 | 301/664 | 992/39.1 ²⁾ | 710/28.0 | 750/29.5 | 2 4 5 6 7 |
| D3-110 | HS63IVE | 78/107 | 81/110 | 3000 | 5 | 2.4/146 | 335/739 | 1091/43.0 ²⁾ | 710/28.0 | 750/29.5 | 2 4 5 6 7 |
| D3-150 | HS45AE | 106/144 | 110/150 | 3000 | 5 | 2.4/146 | 301/664 | 992/39.1 ²⁾ | 710/28.0 | 750/29.5 | 2 4 5 6 |
| D3-150 | HS63IVE | 106/144 | 110/150 | 3000 | 5 | 2.4/146 | 335/739 | 1091/43.0 ²⁾ | 710/28.0 | 750/29.5 | 2 4 5 6 |
| D3-170 | HS45AE | 121/165 | 125/170 | 4000 | 5 | 2.4/146 | 301/664 | 992/39.1 ²⁾ | 710/28.0 | 750/29.5 | 2 4 5 6 7** |
| D3-170 | HS63IVE | 121/165 | 125/170 | 4000 | 5 | 2.4/146 | 335/739 | 1091/43.0 ²⁾ | 710/28.0 | 750/29.5 | 2 4 5 6 7** |
| D3-200 | HS45AE | 143/194 | 147/200 | 4000 | 5 | 2.4/146 | 301/664 | 992/39.1 ²⁾ | 710/28.0 | 750/29.5 | 2 4 5 6 |
| D3-200 | HS63IVE | 143/194 | 147/200 | 4000 | 5 | 2.4/146 | 335/739 | 1091/43.0 ²⁾ | 710/28.0 | 750/29.5 | 2 4 5 6 |
| D3-220 | HS45AE | 157/213 | 162/220 | 4000 | 5 | 2.4/146 | 301/664 | 992/39.1 ²⁾ | 710/28.0 | 750/29.5 | 2 4 5 6 |
| D3-220 | HS63IVE | 157/213 | 162/220 | 4000 | 5 | 2.4/146 | 335/739 | 1091/43.0 ²⁾ | 710/28.0 | 750/29.5 | 2 4 5 6 |
| D4-180 | HS45AE | 128/174 | 132/180 | 2800 | 4 | 3.7/224 | 546/1204 | 1041/41.0 ²⁾ | 760/29.9 | 780/30.7 | 2 4 5 6 |
| D4-180 | HS63LE | 128/174 | 132/180 | 2800 | 4 | 3.7/224 | 564/1243 | 1086/42.8 ²⁾ | 760/29.9 | 780/30.7 | 2 4 5 6 |
| D4-180 | HS63IVE | 128/174 | 132/180 | 2800 | 4 | 3.7/224 | 580/1279 | 1139/44.8 ²⁾ | 760/29.9 | 780/30.7 | 2 4 5 6 |
| D4-225 | HS45AE | 160/218 | 165/225 | 3500 | 4 | 3.7/224 | 546/1204 | 1041/41.0 ²⁾ | 760/29.9 | 780/30.7 | 2 4 5 6 7** |
| D4-225 | HS63AE | 160/218 | 165/225 | 3500 | 4 | 3.7/224 | 558/1230 | 1078/42.4 ²⁾ | 760/29.9 | 780/30.7 | 2 4 5 6 7** |
| D4-225 | HS63IVE | 160/218 | 165/225 | 3500 | 4 | 3.7/224 | 580/1279 | 1139/44.8 ²⁾ | 760/29.9 | 780/30.7 | 2 4 5 6 7** |
| D4-260 | HS63AE | 186/253 | 191/260 | 3500 | 4 | 3.7/224 | 558/1230 | 1078/42.4 ²⁾ | 760/29.9 | 780/30.7 | 2 4 5 |
| D4-260 | HS63IVE | 186/253 | 191/260 | 3500 | 4 | 3.7/224 | 594/1310 | 1139/44.8 ²⁾ | 760/29.9 | 780/30.7 | 2 4 5 |
| D4-300 | HS63AE | 212/288 | 221/300 | 3500 | 4 | 3.7/224 | 559/1232 | 1078/42.4 ²⁾ | 760/29.9 | 780/30.7 | 2 4 5 |
| D4-300 | HS63IVE | 212/288 | 221/300 | 3500 | 4 | 3.7/224 | 595/1312 | 1139/44.8 ²⁾ | 760/29.9 | 780/30.7 | 2 4 5 |
| D4-300 | HS80AE | 212/288 | 221/300 | 3500 | 4 | 3.7/224 | 580/1279 | 1104/43.5 ²⁾ | 760/29.9 | 780/30.7 | 2 4 5 |
| D6-330 | HS63AE | 237/322 | 243/330 | 3500 | 6 | 5.5/336 | 656/1446 | 1314/51.7 ²⁾ | 760/29.9 | 780/30.7 | 2 4 5 |
| D6-330 | HS63IVE | 237/322 | 243/330 | 3500 | 6 | 5.5/336 | 674/1486 | 1375/54.1 ²⁾ | 760/29.9 | 780/30.7 | 2 4 5 |
| D6-330 | HS80AE | 237/322 | 243/330 | 3500 | 6 | 5.5/336 | 677/1493 | 1340/52.7 ²⁾ | 760/29.9 | 780/30.7 | 2 4 5 |
| D6-330 | HS80IVE | 237/322 | 243/330 | 3500 | 6 | 5.5/336 | 721/1590 | 1424/56.1 ²⁾ | 760/29.9 | 780/30.7 | 2 4 5 |
| D6-370 | HS80AE | 267/363 | 272/370 | 3500 | 6 | 5.5/336 | 677/1493 | 1340/52.7 ²⁾ | 760/29.9 | 780/30.7 | 2 4 5 |
| D6-370 | HS80IVE | 267/363 | 272/370 | 3500 | 6 | 5.5/336 | 721/1590 | 1424/56.1 ²⁾ | 760/29.9 | 780/30.7 | 2 4 5 |
| D6-435 | HS80AE | 310/422 | 320/435 | 3500 | 6 | 5.5/336 | 695/1532 | 1357/53.4 ²⁾ | 760/29.9 | 780/30.7 | 2 4 5 |
| D6-435 | HS85AE | 310/422 | 320/435 | 3500 | 6 | 5.5/336 | 699/1541 | 1357/53.4 ²⁾ | 760/29.9 | 780/30.7 | 2 4 5 |
| D6-435 | HS80IVE | 310/422 | 320/435 | 3500 | 6 | 5.5/336 | 732/1614 | 1444/56.8 ²⁾ | 760/29.9 | 780/30.7 | 2 4 5 |
| D6-435 | HS85IVE | 310/422 | 320/435 | 3500 | 6 | 5.5/336 | 735/1620 | 1444/56.8 ²⁾ | 760/29.9 | 780/30.7 | 2 4 5 |
| D6-435 WJ | - | - | 320/435 | 3500 | 6 | 5.5/336 | 584/1287 | 1444/56.8 ²⁾ | 760/29.9 | 780/30.7 | 2 4 5 |
| D9-500 | - | 357/486 | 368/500 | 2600 | 6 | 9.4/571 | 1075/2370 | 1310/51.6 ³⁾ | 885/34.9 | 970/38.2 | 1 4 5 |
| D9-575 | - | 410/558 | 423/575 | 2500 | 6 | 9.4/571 | 1075/2370 | 1310/51.6 ³⁾ | 885/34.9 | 970/38.2 | 1 4 5 |
| D11-670 | - | 478/650 | 493/670 | 2300 | 6 | 10.8/660 | 1130/2491 | 1310/51.6 ³⁾ | 945/37.3 | 978/38.5 | 1 4 5 |
| D13-800 | - | 564/768 | 588/800 | 2300 | 6 | 12.8/780 | 1450/3197 | 1420/55.9 ³⁾ | 1038/40.8 | 1038/40.8 | 1 4 5 |
| D13-900 | - | 636/864 | 636/864 | 2300 | 6 | 12.8/780 | 1560/3439 | 1420/55.9 ³⁾ | 1089/42.9 | 1038/40.8 | 1 4 5 |

Power according to ISO 8665. Merchant fuel may influence engine power output and fuel consumption. For specific information on a certain engine model, ask your dealer for a Product Bulletin or go to volvopenta.com. Not all models, standard equipment and accessories are available in all markets. Every effort has been made to ensure that facts and figures are correct at the time of publication. Volvo Penta reserves the right to make changes without prior notice. Products shown may differ from production models.

EMISSION REGULATION COMPLIANCE

The D-series diesel engine range complies with the most stringent environmental demands in their respective power classes: the US EPA Tier 2 for D9, D11 and D13 and the US EPA Tier 3 for D1 to D6, two regulations significantly more stringent than the European RCD regulation.

All our gasoline engines comply with the European RCD regulation. Models with catalytic converters also comply with CARB 4 Star Super Ultra Low Emission and US EPA.

EASY BOATING OPTIONS

| | VOLVO PENTA IPS | AQUAMATIC STERNDRIVE | INBOARD |
|----------------------------|-----------------|----------------------|-----------------|
| Joystick Docking | ○ | ○ ¹⁾ | - |
| Joystick Driving | ○ | ○ ¹⁾ | - |
| Autopilot | ○ | ○ ¹⁾ | - |
| Dynamic Positioning System | ○ | - | - |
| Powertrim Assistant | - | ○ | - |
| Low-speed Mode | ○ | - | ○ ³⁾ |
| Trip computer | ○ | ○ | ○ |
| Cruise control | ○ | ○ | ○ |
| Single-lever Mode | ○ | ○ | ○ |
| Tow Mode for water sport | - | ○ ²⁾ | - |
| Sportfish Mode | ○ | - | - |
| Automatic Boat Trim System | ○ | ○ | ○ |
| Battery Management | ○ | ○ | ○ |

¹⁾ Requires factory-installed electronic steering ²⁾ Single installations ³⁾ D4-D13

VOLVO PENTA IPS

| MODEL | ENGINE | PROPSHAFT KW/HP | CRANKSHAFT KW/HP | RATED RPM | NO. OF CYL. | DISPLACEMENT LITERS/IN ³ | WEIGHT ⁵⁾ KG/LBS | LENGTH ^{1,4)} MM/IN | WIDTH ¹⁾ MM/IN | HEIGHT ¹⁾ MM/IN | EMISSION CERTIFICATES |
|---------|--------|-----------------|------------------|-----------|-------------|-------------------------------------|-----------------------------|------------------------------|---------------------------|----------------------------|-----------------------|
| IPS350 | D4 | 182/248 | 191/260 | 3500 | 4 | 3.7/224 | 780/1720 | 1978/77.9 | 760/29.9 | 780/30.7 | 2 4 5 S |
| IPS400 | D4 | 212/289 | 221/300 | 3500 | 4 | 3.7/224 | 780/1720 | 1978/77.9 | 760/29.9 | 780/30.7 | 2 4 5 S |
| IPS450 | D6 | 230/314 | 243/330 | 3500 | 6 | 5.5/336 | 863/1903 | 2214/87.2 | 760/29.9 | 780/30.7 | 2 4 5 S |
| IPS500 | D6 | 259/352 | 272/370 | 3500 | 6 | 5.5/336 | 887/1955 | 2214/87.2 | 760/29.9 | 780/30.7 | 2 4 5 S |
| IPS600 | D6 | 307/418 | 320/435 | 3500 | 6 | 5.5/336 | 901/1986 | 2231/87.8 | 760/29.9 | 780/30.7 | 2 4 5 S |
| IPS800 | D11 | 417/567 | 441/600 | 2300 | 6 | 10.8/661 | 1800/3968 | 3100/122.1 | 1036/40.8 | 978/38.5 | 1 4 5 S |
| IPS900 | D11 | 487/662 | 515/700 | 2350 | 6 | 10.8/661 | 1800/3968 | 3100/122.1 | 1036/40.8 | 978/38.5 | 1 4 5 S |
| IPS1050 | D13 | 564/768 | 588/800 | 2300 | 6 | 12.8/780 | 2300/5060 | 3153/124.1 | 1124/44.3 | 1053/41.5 | 1 4 5 S |
| IPS1200 | D13 | 636/864 | 662/900 | 2300 | 6 | 12.8/780 | 2300/5060 | 3153/124.1 | 1124/44.3 | 1053/41.5 | 1 4 5 S |

DIESEL AQUAMATIC STERNDRIVE

| ENGINE | DRIVE | PROPSHAFT KW/HP | CRANKSHAFT KW/HP | RATED RPM | NO. OF CYL. | DISPLACEMENT LITERS/IN ³ | WEIGHT ⁵⁾ KG/LBS | LENGTH ^{1,4)} MM/IN | WIDTH ¹⁾ MM/IN | HEIGHT ¹⁾ MM/IN | EMISSION CERTIFICATES |
|--------|-------|-----------------|------------------|-----------|-------------|-------------------------------------|-----------------------------|------------------------------|---------------------------|----------------------------|-----------------------|
| D3-140 | SX | 98/133 | 103/140 | 4000 | 5 | 2.4/146 | 358/789 | 853/33.6 | 710/28.0 | 750/29.5 | 2 4 5 6 7 S |
| D3-140 | DPS | 98/133 | 103/140 | 4000 | 5 | 2.4/146 | 363/800 | 853/33.6 | 710/28.0 | 750/29.5 | 2 4 5 6 7 S |
| D3-170 | SX | 119/162 | 125/170 | 4000 | 5 | 2.4/146 | 358/789 | 853/33.6 | 710/28.0 | 750/29.5 | 2 4 5 6 7** S |
| D3-170 | DPS | 119/162 | 125/170 | 4000 | 5 | 2.4/146 | 363/800 | 853/33.6 | 710/28.0 | 750/29.5 | 2 4 5 6 7** S |
| D3-200 | DPS | 140/190 | 147/200 | 4000 | 5 | 2.4/146 | 363/800 | 853/33.6 | 710/28.0 | 750/29.5 | 2 4 5 6 S |
| D3-220 | DPS | 154/209 | 162/220 | 4000 | 5 | 2.4/146 | 363/800 | 853/33.6 | 710/28.0 | 750/29.5 | 2 4 5 6 S |
| D4-225 | DPH | 158/215 | 165/225 | 3500 | 4 | 3.7/224 | 644/1420 | 932/36.7 | 760/29.9 | 780/30.7 | 2 4 5 6 7** S |
| D4-260 | DPH | 184/250 | 191/260 | 3500 | 4 | 3.7/224 | 660/1455 | 932/36.7 | 760/29.9 | 780/30.7 | 2 4 5 S |
| D4-300 | DPH | 214/291 | 221/300 | 3500 | 4 | 3.7/224 | 663/1462 | 932/36.7 | 760/29.9 | 780/30.7 | 2 4 5 S |
| D6-330 | DPH | 233/317 | 243/330 | 3500 | 6 | 5.5/336 | 750/1653 | 1168/46.0 | 760/29.9 | 780/30.7 | 2 4 5 S |
| D6-370 | DPH | 261/355 | 272/370 | 3500 | 6 | 5.5/336 | 770/1698 | 1168/46.0 | 760/29.9 | 780/30.7 | 2 4 5 S |
| D6-400 | DPH | 281/382 | 294/400 | 3500 | 6 | 5.5/336 | 785/1731 | 1298/51.5 | 794/31.2 | 780/30.7 | 2 4 5 S |

GASOLINE AQUAMATIC STERNDRIVE

| ENGINE | DRIVE | PROPSHAFT KW/HP | MAX RPM |
|--------|-------|-----------------|---------|
|--------|-------|-----------------|---------|