

LARGE VOLUME AND TRASH PERFORMANCE

Designed for dealing with large volumes of water and moving it quickly, our general purpose and trash pumps are the professional choice. Robust and durable, thanks to a heavy-duty protective frame, they are powered by our commercial grade GX engine, renowned for its high performance and fuel efficiency.

The general-purpose WB range is built with an abrasion-resistant cast iron volute and impeller, providing extra durability for handling water containing a certain amount of silt and sand, such as on construction sites or in floodwater. Rubber engine mounts reduce mechanical stress through vibration.

Taking on the most demanding jobs, our range of trash pumps are designed to allow gravel and other suspended debris to flow through the pump without clogging or causing damage. Built around durability and wear resistance, they feature a silicon carbide seal and a unique conical cast iron impeller design which reduces wear. 45° inclined rubber mounts ensure minimal vibration at high engine rpm. Quick-release bolts on the removable inspection cover make maintenance and clearing debris quick and simple.



WB 20

WB 30

WT 20

WT 30*

WT 40*

WMP 20*

For feature and technology symbol glossary see page 31
For full water pump model specifications see page 37

Max output capacity

- Inlet/outlet diameter
- Total head
- Suction head
- Pressure
- Debris size capacity
- Fuel tank capacity
- Operating time
- Dry weight
- Dimensions (mm)



600 litres/min

- 50.8mm (2")
- 32m
- 8m
- 3.2bar
- 6mm
- 2.5L
- 2h50 approx
- 21kg
- L 455 × W 365 × H 420



1100 litres/min

- 76.2mm (3")
- 28m
- 8m
- 2.8bar
- 6mm
- 3.6L
- 2h50 approx
- 27kg
- L 510 × W 385 × H 455



710 litres/min

- 50.8mm (2")
- 30m
- 8m
- 3bar
- 24mm
- 3.6L
- 2h50 approx
- 47kg
- L 620 × W 460 × H 465



1,210 litres/min

- 76.2mm (3")
- 27m
- 8m
- 2.7bar
- 28mm
- 5.3L
- 2h10 approx
- 60kg
- L 660 × W 495 × H 515



1,640 litres/min

- 101.6mm (4")
- 26m
- 8m
- 2.6bar
- 31mm
- 6.1L
- 2h approx
- 78kg
- L 735 × W 535 × H 565



833 litres/min

- 50.8mm (2")
- 32m
- 8m
- 3.2bar
- 5mm
- 3.6L
- 2h15 approx
- 26kg
- L 520 × W 400 × H 450

*Not available in UK.

LIGHTWEIGHT AND HIGH PRESSURE PUMPS



| Model | WX 10 | WX 15 | WH 15 | WH 20 |
|---|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Maximum output capacity (L/min) | 140 | 240 | 435 | 500 |
| Inlet/outlet diameter (mm) | 25.4 (1") | 38.1 (1.5") | 38.1 (1.5") | 50.8 (2") |
| Total head (m) | 36 | 40 | 50 | 50 |
| Suction head (m) | 7 | 8 | 8 | 8 |
| Pressure (bars) | 3.6 | 4 | 5 | 5 |
| Debris size capacity (mm) | 5.7 | 5.7 | 3 | 3 |
| Engine model | GX25 | GXH50 | GX120 | GX160 |
| Engine type | 4-stroke, OHV,** 1 cylinder | 4-stroke, OHV,** 1 cylinder | 4-stroke, OHV,** 1 cylinder | 4-stroke, OHV,** 1 cylinder |
| Displacement (cm³) | 25 | 49 | 118 | 163 |
| Bore x stroke (mm) | 35 x 26 | 41.8 x 36 | 60 x 42 | 68 x 45 |
| Engine speed (rpm) | 7,000 max | 7,000 max | 3,600 max | 3,600 max |
| Engine Net Power (kW) (SAE J1349) | 0.72 | 1.6 | 2.6 | 3.6 |
| Cooling system | Forced air | Forced air | Forced air | Forced air |
| Ignition system | Transistorised magneto | Transistorised magneto | Transistorised magneto | Transistorised magneto |
| Oil capacity (L) | 0.1 | 0.25 | 0.6 | 0.6 |
| Fuel tank capacity (L) | 0.55 | 0.77 | 2 | 3.6 |
| Operating time | 1h20 approx | 1h30 approx | 2h approx | 2h30 approx |
| Spark plug | CM5H/CMR5H (NGK) | CR5HSB (NGK) | BPR6ES (NGK) | BPR6ES (NGK) |
| Starter system | Recoil | Recoil | Recoil | Recoil |
| Length (mm) | 325 | 325 | 415 | 520 |
| Width (mm) | 220 | 275 | 360 | 400 |
| Height (mm) | 300 | 375 | 405 | 450 |
| Dry weight (kg) | 6.1 | 9 | 22 | 27 |
| Sound pressure level at workstation – dB(A) (EN809:1998/AC:2001) | 86 | 88 | 87 | 91 |
| Guaranteed sound power level – dB(A) (2000/14/EC, 2005/88/EC) | 102 | 103 | 104 | 106 |

HIGH FLOW RATE, TRASH AND CHEMICAL PUMPS

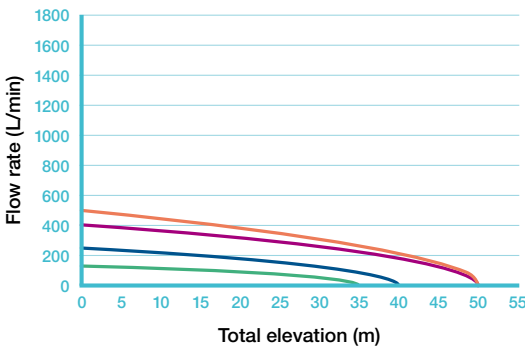


| WB 20 | WB 30 | WT 20 | WT 30 | WT 40 | WMP 20 |
|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| 600 | 1,100 | 710 | 1,210 | 1,640 | 833 |
| 50.8 (2") | 76.2 (3") | 50.8 (2") | 76.2 (3") | 101.6 (4") | 50.8 (2") |
| 32 | 28 | 30 | 27 | 26 | 32 |
| 8 | 8 | 8 | 8 | 8 | 8 |
| 3.2 | 2.8 | 3 | 2.7 | 2.6 | 3.2 |
| 6 | 6 | 24 | 28 | 31 | 5 |
| GX120 | GX160 | GX160 | GX240 | GX340 | GX160 |
| 4-stroke, OHV,** 1 cylinder | 4-stroke, OHV,** 1 cylinder | 4-stroke, OHV,** 1 cylinder | 4-stroke, OHV,** 1 cylinder | 4-stroke, OHV,** 1 cylinder | 4-stroke, OHV,** 1 cylinder |
| 118 | 163 | 163 | 242 | 337 | 163 |
| 60.0 x 42.0 | 68.0 x 45.0 | 68.0 x 45.0 | 74.0 x 58.0 | 82.0 x 64.0 | 68.0 x 45.0 |
| 3,600 max | 3,600 max | 3,600 max | 3,600 max | 3,600 max | 3,600 max |
| 2.6 | 3.6 | 3.6 | 5.3 | 7.1 | 3.6 |
| Forced air | Forced air | Forced air | Forced air | Forced air | Forced air |
| Transistorised magneto | Transistorised magneto | Transistorised magneto | Transistorised magneto | Transistorised magneto | Transistorised magneto |
| 0.6 | 0.6 | 0.6 | 1.1 | 1.1 | 0.6 |
| 2.5 | 3.6 | 3.6 | 5.3 | 6.1 | 3.6 |
| 2h50 approx | 2h50 approx | 2h50 approx | 2h10 approx | 2h approx | 2h15 approx |
| BPR6ES (NGK) | BPR6ES (NGK) | BPR6ES (NGK) | BPR6ES (NGK) | BPR6ES (NGK) | BPR6ES (NGK) |
| Recoil | Recoil | Recoil | Recoil | Recoil | Recoil |
| 455 | 510 | 510 | 660 | 735 | 520 |
| 365 | 385 | 385 | 495 | 535 | 400 |
| 420 | 455 | 455 | 515 | 565 | 450 |
| 21 | 27 | 27 | 60 | 78 | 26 |
| 85 | 88 | 92 | 93 | 96 | 85 |
| 101 | 106 | 106 | 110 | 110 | 101 |

WATER PUMP PERFORMANCE

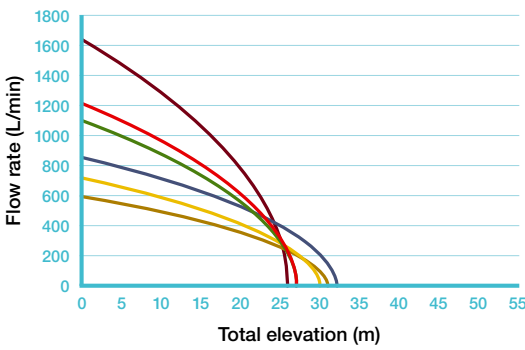
The colour-coded performance curves below show a direct comparison between the different water pumps. Each individual curve represents the flow rate vs. total elevation performance for each water pump.

LIGHTWEIGHT AND HIGH PRESSURE PUMP PERFORMANCE CURVES



Product key:
WX10 WX15 WH15 WH20

HIGH FLOW RATE, TRASH AND CHEMICAL PUMP PERFORMANCE CURVES



Product key:
WB20 WB30 WMP20
WT20 WT30 WT40

*Not available in UK. **OHV – Overhead Valve.

Note: all Honda water pumps run on Unleaded Petrol.