ENGINEERING FOR Life



MARKET ADDRESS INFO HERE

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Generators Water Pumps Power Carriers

HONDA





When we designed our range of industrial products we looked at your life from every angle.

engineering, it's **ENGINEERING FOR** fe

GENERATORS

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WATER PUMPS

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How to choose your generator

					I	NVERTER SERIE	S	
				INVERTER	INVERTER	INVERTER	INVERTER	INVERTER
	Continuous power (W)			900	1.800	2.600	2.800	5.500
	Sound power level (2000/14/EC,	2005/88/EC)		87	90	91	91	91
	Typical Applications*	Application Continuous Rating (W)**	Indicative Start-up Load (W)**	EU 10i	EU 22i	EU 32i	EU 30is	EU 70is 🗲
ĺ	Portable TV	250	-	ă	Ŏ	ă	ŏ	ŏ
	Portable Fridge	110+	300+					
	Travel Kettle	650+	-	Ŷ	Ý	Ŷ	Ŷ	Ŷ
	Hair Dryer	1.000+	-		5	1	5	J
	Portable Microwave	600+	1.600+					
	Portable Fan	40+	100+	¥	¥	¥	¥	×
	Laptop/PC	20+	100+					
	Portable Heater	1.500+	-		â	â	â	â
	Caravan Air Conditioner	2.600+	-			P	P	P
	Battery Charging	100+	-	Ē	⊡		i ⊂i	
	Lawnmower	1.100+	2.500+					26
	Strimmer	350+	1.000+					
	Hedgetrimmer	500+	1.200+	~~	T	4	*	~~
	Shredder	2.000+	2.600+			Å	Å	Å
	Garden Vac/Blower	2.000+	2.600+			<i></i>	<i>_</i> ^@	~ @
	Chainsaw	1.800+	2.600+			<i>d</i> i e	aí∍	<i>d</i> io
	Pressure Washer	2.100+	3.000+			3€]4
l	Fridge/Freezer	500+	1.500+			-	F	8
	Central Heating Pump	300+	500+	Õ	Ō	Õ	Ō	Ō
	Plasma TV	300+	900+	Ģ		Ţ		
	Desktop Computer	320+	700+					
	Computer Printer	150+	-	Ē	Ē	Ē	Ē	Ē
	Photocopier Machine	1.600+	1.800+					Ē
	Portable Air Conditioner	3.000+	5.000+					
	Jigsaw	400+	1.100+		8	Ð	Ð	e
	-	2.000+	6.000+			<u> </u>	<u> </u>	E.
	Compressor							Ì.
	Welder	3.500+	5.500+ 2.975+					E.
	Concrete Mixer	850+	2.979+	Les.	lei	\ei	\e	\et
	Submersible Pump	500+	-			1	1	1
	Hammer Drill	800+	-	r				
	Table Saw	1.500+	3.000+				0	
	Angle Grinder	900+	-				••••	
	Industrial Fan/Blower	2.000+	-			e e e e e e e e e e e e e e e e e e e	E T	
	Concrete Breaker	850+	2.500+			T	.	Ţ
	Circular Saw	1.500+	-		·Qu	۰ <u>څ</u> ۰	• @ ^	• <u>@</u> •
l	Candescent	25+	-	_				
	Halogen Spotlights	75+	-	<u> </u>	Ţ	Ţ.	Ţ	Ŧ
	Domestic Fluorescent	8-100	-	· · · · ·		· · · · · ·	· · · · · ·	
	Energy Saving Bulb	12-33	_		· U	·	·	·
	Professional Tungsten	100+	-	ð	ð	t B	t d	ð
	Halogen Spotlights	150-500			• 蒙	。 蒙	• 蒙	。 蒙

	SPECIALIST OPEN	N FRAME SERIES	
D-AVR	D-AVR	D-AVR	i-AVR
3.200	4.000	5.000	5.000
96	97	97	96
EG 3600CL	EG 4500CL	EG 5500CL	EM 5500CXS
2000002		2000002	#
]	3€
			8
			Õ
2	2	2	2
<u>'</u>	<u> 19</u> 1	11 11	
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To determine which Honda generator is best suited to your application, refer to the individual appliance data plate for actual power specifications. See the chart below for a quick reference guide to typical applications – or talk to your local Honda authorised dealer who will be happy to help.



GENERATORS EQUIPPED WITH ELECTRIC START AND AUTO CHOKE For home/office back up special consideration should be matter For home/office back up special consideration should be made when select-ing a generator. Generators equipped with both electric start and auto-choke are required for fully automatic mains failure systems. Other generators will require the operator to visit the generator to start/stop the unit. In both cases please only use qualified electricians for installation.

SOUND LEVEL

Honda generators provide one of the quietest sources of portable power available. The chart below compares the noise level of Honda generators to a variety of common sounds we're exposed to every day.

60	Normal speech
70	Vacuum cleaner
80	Inside a car at 50 mph

90 Hair dryer 100Heavy traffic110Chainsaw

*When powering multiple applications ensure that the total power required does not exceed the generators rated output (please consider both running loads and start up loads).

**Typically the lowest power requirement, however many applications will require more power. Please check with your specific application to ensure generator compatibility.

Honda generator benefits



Keep it 100% Honda

Honda generators have an enviable reputation throughout the world, they are trusted to work wherever and whenever they are needed. Every part of our generators, including our legendary engines, has been designed and built to be as robust and reliable as possible. So wherever you are, campsite, building site, outdoor event or at home, you can rely on your Honda generator to provide you with the power you need, just when you need it.

Every Honda generator is backed up by an extensive network of Honda Power Products dealers, who will always be happy to provide more information or advice.

Inverter innovation

Honda were first to develop generators with the ability to power sensitive electronics. Our Inverter technology regulates surges of raw power and evens them out to the same high quality electricity as outlets from your home. Our Inverter range can produce 1.000 W to 7.000 W of portable power, enough to run anything from a laptop to a cottage.



Honda 4-Stroke

Our powerful 4-Stroke engines are remarkably fuel efficient and reliable, which means fewer fill-ups and reduced maintenance costs throughout their working life. With lower emissions and lower noise levels than standard 2-Stroke engines, they give a cleaner, more efficient and quieter working environment.

Quiet running

We have gone to great lengths to make sure our portable generators are as quiet and unobtrusive as possible. Which is why they feature our exhaust and muffler

Generator key features

technologies. They can be found throughout the brochure making it easy for you to compare models and choose the right generator.

PERFORMANCE

€...

()4

Lightweight For superb portability in any situation, with easy transportation and storage.

Automatically adjusts the engine speed to precisely match the load, to save fuel, extend engine life and give quieter

Key operated electric start for effortless

Enhanced Anti-Vibration

Our 45° inclined rubber engine mounts give superior vibration damping compared to industry-standard straight rubber mounts.

The intelligent auto-choke system automatically sets the choke to give optimum starting and running in all

Eco-Throttle[™]

Electric Start

System

Auto-Choke

operation.



Ŏ



Super-Quiet

revents engine damage by automation nutting the unit down if the oil drops elow a safe operating level.



Extended **Run Time** Model features a larger fuel tank for longer continuous operation

-=0,1//2 Auto Throttle Automatically reduces the engine speed when appliances are turned off or disconnected. Engine returns to rated speed when appliances are turned on or reconnected.



۵,

Parallel Operation Parallel operation capability is an additional benefit of Inverter technology. Using Honda Genuine Parallel Operation cables, you can link two generators together to get as much as double the output of a single unit. This gives you extra power when you need it, without having to trade up to a larger, heavier generator. Note: you can only parallel link two identical units together.



 $\mathbf{\tilde{\mathbf{b}}}$

Bluetooth connectivity enables remote access to controls, including sending service information, access to output power, checking the fuel gauge and even activate a remote stop if needed.

DC Output Provides up to 12A for battery charging (optional cable required).



ΕÌ

i-Monitor

8.5.2 Monitors output performance as well as self-diagnostics and servicing information

High Dust and Water Protection Model features a high level of dust and water protection (IP54 category compared to the standard IP23 category).

High Output Engine 3200 Reliable power and continuous performance that doesn't even need to pause for refuelling. WATTS

The right power output for the job

AVR



Many Honda generators feature an Automatic Voltage Regulator, or AVR, designed to consistently control voltage. Power regulation is electronically controlled, which allows for better voltage and frequency stability. The AVR helps keep the output voltage more constant and less dependent on the load. This means less drop in power or power spikes. AVR technology significantly enhances the performance and operating lifetime of reactive load applications.

Digital AVR

DIGITAL AVR

Digital Automatic Voltage Regulator (D-AVR) has a significant advantage over the traditional AVR, giving a smoother and more efficient output. This new output technology has several application benefits over AVR, such as minimising flickering lights.





intelligent Auto Voltage **Regulator (i-AVR)**

By combining Honda's D-AVR with engines equipped with i-Governor (Electronic Governor), Honda has produced a range of generators offering class leading output performance with stable voltage and frequency. Ideal for construction, hospitality, emergency services, home back up and sensitive applications.



True Inverter Technology

True inverter generators give high quality clean power and are not RPM dependent. Ideal for powering highly sensitive electronic equipment, such as computers, Inverters produce optimised electricity for reactive loads and electronic loads, ensuring superb performance and longevity. Inverter generators offer a number of other benefits, including less noise, lower weight and greater fuel efficiency when compared to traditional models.







Powering Possibilities

Compact, quiet, and packed full of power, our Inverter range is trusted by professional and private users throughout the world. With the new EU 32i picking up a prestigious Red Dot Award for Product Design, we're not alone in acknowledging they're built to handle multiple everyday and professional activities, as well as emergencies.

Lightweight

The lightweight design of our compact range enables power to be accessed in the remotest places, and an integral and ergonomically designed handle allows them to be easily carried.

Powerful and reliable

With up to 3.200 watts* of power, these compact generators are easy to start, stop and restart quickly, whatever task you need it for. Our EU range is unique producing clean power as they are equipped with true inverter technology, which has its benefits when powering sensitive electronic devices.

Economic

The low fuel consumption not only makes our compact range highly cost effective, but features such as Fuel-injection* and ECO Throttle* ensure longer working times without the need for refuelling. Our portable range is also quiet with specially designed acoustically insulated casings and an advanced exhaust muffler system, which drastically reduces noise.

Intuitive App Control

The new EU 32i generator can be paired with its own dedicated Android or iOS smartphone app. It'll allow you to check the fuel level, power output and even activate a remote stop. You can also receive maintenance alerts and swap monitoring between multiple generators.





Parallel operation allows two generators to be linked to increase the output of a single unit



Intelligent app gives you access to features such as fuel gauge and run time, plus maintenance alerts.

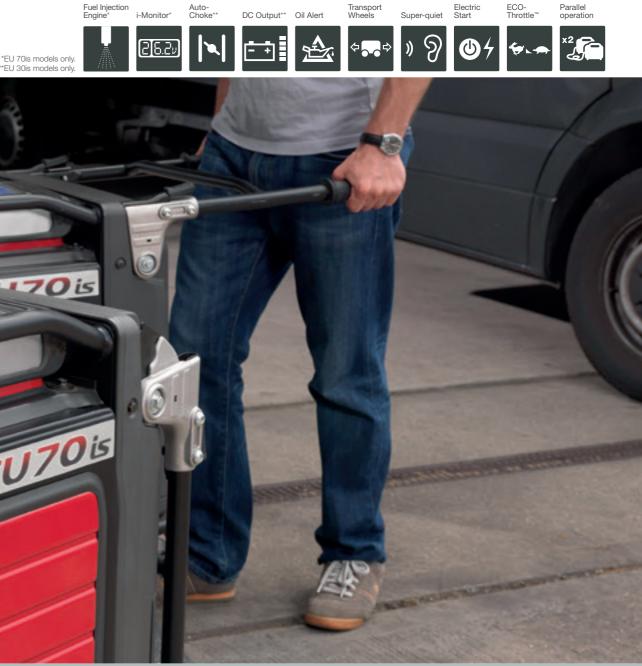
Portability allows for easy transport and storage







Model availability is dependant on country, do not hesitate to ask your local Honda dealer.





SPECIFICATION







Press the button to start the engine

Easy manoeuvrability means 118 kg has never been so easy to move

High power on demand

Perfect for home/office back up or outdoor events, these models can operate a wide variety of appliances with a high quality, clean electricity supply.

The Honda GX engine generates strong, stable and clean power thanks to our unique Honda Inverter technology. The range is also extremely manoeuvrable, with well positioned handles and tough wheels.

Comfort



EU 70is

EU 30is

Compact high performance

These Inverter generators may be powerful, but with Honda's exhaust and muffler technology, they are also extremely quiet. A large fuel tank combined with our fuel efficient engine, allows more than 6 hours of uninterrupted running time, even under high power. Both models feature electric start and a fuel gauge as standard.

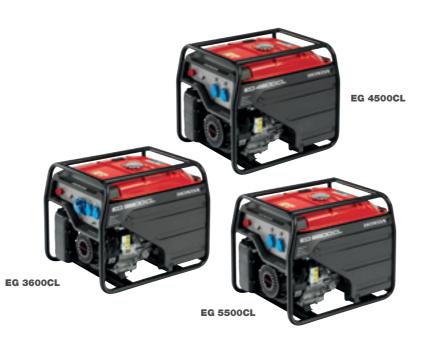
Fuel Injected EU 70is

The EU 70is is the only Inverter generator equipped with a fuel injection engine, which provides better fuel efficiency, easy starting, lower maintenance and the same level of performance even if used at altitude.



SPECIFICATION





Long run generators

Perfect for the most demanding commercial and rental applications, the EG range has been designed and built for professional use to deliver robust, reliable, efficient power.



The EG range is equipped with a high capacity fuel tank for extended run time



The exclusive Honda D-AVR technology provides cleaner electricity

Reliable The EG range features our efficient GX engine with low emissions and an extended capacity fuel tank. They offer an exceptionally long running time of about 12 hours, enough to cover a full day of hard work. Even after long periods of storage, the EG generators are easy to start and are protected from the toughest environments by a tough steel frame.

Honda D-AVR technology

These generators produce a consistent and stable output of clean power. This comes courtesy of Honda's highly advanced D-AVR (Digital Auto Voltage Regulator) which uses a microcomputer to precisely

Images for illustration purposes only. Model availability is dependant on country, do not hesitate to ask your local Honda dealer.

control output voltage. It not only improves the performance of reactive type loads, but maximises product's working life.

Comfortable

To minimise vibration, we have built an engine mount system into the frame. These unique Honda rubber shock absorbers are positioned either side of the engine at 45° and significantly reduce the engine vibration. To aid transportation and manoeuvrability an optional wheel kit is also available.







Clear and intuitive control panels, including electric start system



The EM 5500CXS can supply up to 5.500 W through high quality current

Intelligent energy

These professional generators produce a clean electricity output that can be used for a wide range of sensitive electrical applications, including construction, hospitality, emergency and home back up.

High quality clean power

The EM 5500CXS supplies power through the Honda intelligent Auto Voltage Regulator (i-AVR). It ensures a constant voltage output and reacts to any fluctuations in load, no matter how heavy.

Comfortable usage

The EM 5500CXS unit features our Honda Auto-Throttle, which is a unique load-sensing device that detects when the load increases, whilst quietly and instantly increasing the revs to match,

without you experiencing any drop in power. And when the demand drops the revs will decrease, saving you fuel and money. They also come with electric start and transport wheels as standard. The EM 5500CXS can be equipped with an APC Universal Transfer Switch, which automatically manages your home's power, switching it from utility to generator as needed.



Generator specification

Use our handy table to compare our generators and choose the right model for you.

			NVERTER SERIE	S	
	EU 10i	EU 22i	EU 32i	EU 30is	EU 70is
				P	S
OUTPUT TECHNOLOGY	INVERTER	INVERTER	INVERTER	INVERTER	INVERTER
Туре	Single phase				
Maximum output (W)	1.000	2.200	3.200	3.000	7.000
Rated output (W)	900	1.800	2.600	2.800	5.500
Rated voltage (V)	230	230	230	230	230
Rated frequency (Hz)	50	50	50	50	50
Rated current (A)	3,9	7,8	11,3	12,2	23,9
DC rated output	12V/8,0A	12V/8.3A		12V/12A	-
Dutlets	0-16A- 250V	16A- 250V	Depending on country	0000 16A- 250V	Depending on country
Engine model	GXH50	GXR120	GX130	GX200	GX390
Engine type	4-Stroke, OHV**, 1 cylinder	4-Stroke, OHC**, 1 cylinder	4-Stroke, OHC**, 1 cylinder	4-Stroke, OHV**, 1 cylinder	4-Stroke, OHV**, 1 cylinder
Displacement (cm ³)	49,4	121.0	130,0	196,0	389,0
Bore × stroke (mm)	41,8 × 36,0	60,0 x 43,0	56,0 x 53,0	68,0 × 54,0	88,0 × 64,0
Engine speed (rpm)	4.000-6.000	4.500 max	4.800-5.500	3.800 max	3.600 max
Cooling system	Forced air				
gnition system	Transistor	Transistor	Transistor	Transistor	Transistor
Dil capacity (L)	0,25	0,40	0,46	0,55	1,10
Fuel tank capacity (L)	2,1	3,6	4,6	13,0	19,2
Operating time at rated	3h 54	3h 35	3hr 20	8h	6h 30
Starter system	Recoil	Recoil	Recoil	Recoil and electric start	Recoil and electric start
Length (mm)	451	512	571 & 596	658	Handle down: 848 Handle up: 1.198
Nidth (mm)	242	290	306	482	700
Height (mm)	379	425	452	570	721
Dry weight (kg)	13,0	21,1	26,5	61,2	118,1
Sound pressure level at workstation – dB(A) (98/37/EC, 2006/42/EC)	70	72	73	74	75
Guaranteed sound power level – dB(A) (2000/14/EC, 2005/88/EC)	87	90	91	91	91

	SPECIALIST OPE	N FRAME SERIES	
EG 3600CL	EG 4500CL	EG 5500CL	EM
D-AVR	D-AVR	D-AVR	
Single phase	Single phase	Single phase	S
3.600	4.500	5.500	
3.200	4.000	5.000	
230	230	230	
50	50	50	
13,9	17,4	21,7	
-	-	-	
16A- 250V 16A- 240V	16A- 16A- 32A- 250V 240V 230V	16A- 16A- 32A- 250V 240V 230V	(1 2
GX270T2	GX390T2	GX390T2	
4-Stroke, OHV*, 1 cylinder	4-Stroke, OHV*, 1 cylinder	4-Stroke, OHV*, 1 cylinder	4-8
270	389	389	
77,0 × 58,0	88,0 × 64,0	88,0 × 64,0	8
3.000	3.000	3.000	
Forced air	Forced air	Forced air	I
Transistor	Transistor	Transistor	
1,10	1,10	1,10	
24,0	24,0	24,0	
12h	9h 30	8h 10	
Recoil	Recoil	Recoil	l e
681	681	681	Han Hanc
530	530	530	
571	571	571	
68,0	79,5	82,5	
79	81	82	
96	97	97	



M 5500CXS



i-AVR

Single phase 5.500 5.000 230 50 21,7



i-GX390

Stroke, OHV*, 1 cylinder 389

88,0 × 64,0

3.000

Forced air

Transistor

1,10

23,5

8h

Recoil and electric start ndle down: 725 ndle up: 1.047,5 706



*Three phase 400 V3-. **OHV – Overhead Valve. Note: all the generators run on unleaded petrol.

Honda water pump benefits



Keep it 100% Honda

Honda water pumps are built to the very highest standards and feature many high-tech innovations developed over more than 20 years of experience. They also have the unique advantage of being powered by a Honda engine, which has an enviable reputation throughout the world, backed up by a network of specialist Honda Power Products dealers. The result is unprecedented performance and expert care across a complete line-up of water pumps, to assist you with everything from garden irrigation and pool maintenance to heavy-duty drainage work.

Reliable quality designed for you

We have designed a whole range of reliable and durable water pumps to make sure there is one to meet your needs. From transfer and trash to high-pressure pumps, all are built to provide you with the best possible performance.





Honda 4-Stroke

Our innovative and powerful 4-Stroke engine technology has many advantages, their lower noise and emissions, for example. Compared to 2-Stroke engines they give a cleaner and quieter working environment. They are also remarkably fuel efficient, which means fewer fill-ups and reduced ownership costs.

Superb performance

Honda water pumps adhere to the highest standards of quality in every aspect of their design. Rugged, cast-iron impellers and mechanical seals ensure years of reliable service.



Built to last under pressure

The Honda WMP 20 water pump model has been specially developed to deal with corrosive fluids such as salted water, chemicals and fertilisers. Very specific materials have been selected for the volute and impeller to ensure a long working life.

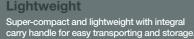
Water pump key features

Honda water pumps have many innovative features and technologies. The following icons have been carefully considered to support you in choosing the right water pump for your needs. Look for these symbols on the following model pages.

360

PERFORMANCE

OHV 4-Stroke Engine 4 Powerful and efficient with trusted reliability. Easy starting in all conditions with automatic decompression to reduce the pull force require





Oil Alert



Prevents engine damage by automatically shutting the unit down if the oil drops below a safe operating level.



Conical Impeller Superb pumping and priming performance with reduced wear and clogging.



Anti-Vibration System Straight engine rubber mounts to reduce mechanical stress on the entire unit.



Types

Removable Inspection Cover Quick and simple access for making inspections and clearing debris for reduced downtime.



			I							
Model	WX 10	WX 15	WH 15	wн 20	WB 20	WB 30	WMP 20	WT 20	wт зо	WT 40
Clean water	•	•	•	•	•	•	•	•	•	•
Muddy water	•	•			•	•		•	•	•
Solids up to 3 mm	•	•	•	•	•	•	•	•	•	•
Solids up to 6 mm					•	•		•	•	•
Solids up to 24 mm								•	•	•
Solids up to 28 mm									•	•
Solids up to 31 mm										•
Chemicals							•			

Water pump terminology

Pressure

Pressure is force per unit area, usually listed in bar, and is often included in pump performance curves. Pressure and head are directly related when referring to water pump performance. The pressure exerted (in bar) at the base of a column of water is 0,098 × HEAD (in metres). If you attach a pressure gauge at the base of a 30 m pipe filled with clear water, you would measure 2,94 bar. Notice how the diameter of the pipe doesn't affect the pressure value. The maximum pressure (at zero discharge) of any water pump can be determined by multiplying the maximum head by 0,098.

Impeller

crankshaft. All centrifugal pumps contain an impeller. The impeller vanes sling liquid outward through centrifugal force, causing a pressure change. This pressure change results in liquid flowing through the pump.

Volute

The volute is the stationary housing enclosing the impeller. The volute collects and directs the flow of liquid from the impeller and increases the pressure of the high velocity water flowing from the vanes of the impeller

Mechanical Seal

This is a spring-loaded seal consisting of several parts that seal the rotating impeller in the water pump case, preventing water from leaking into and damaging the engine. Mechanical seals are subject to wear when pumping water containing abrasives and will quickly overheat if the pump is run without filling the pump chamber with water before starting the engine. Honda trash pumps contain silicone carbide mechanical seals, designed to withstand abrasive conditions.

Flow Rate

The flow rate is the maximum amount of water that can be pumped to a given height. A pump's flow rate can be calculated by using a pump performance curve, as shown in the WB 20 example below. If you know the maximum elevation you will be pumping to, you can plot the value on the curve and determine if the pump has a sufficient flow rate for your requirements.



Image for illustration purposes only.

Suitable for pumping chemical products such as agricultural fertiliser or industrial chemicals. CAST IRON



Chemical Pump



High-Efficiency Impeller Unique Honda design results in optimal flow and efficiency.

Unique 360° Operation

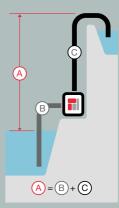
Allows the pump to operate or be stored at any incline without damage.

Enhanced Anti-Vibration System

 45° inclined rubber engine mounts for superior vibration damping at high engine rpm.

Elevation Height

The relevance of elevation height depends on the application itself. Elevation height is calculated by:



SUCTION HEAD (B)

DISCHARGE HEAD (C)

and the highest point of the output

+

HEAD LOSS

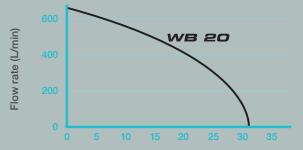
The resistance of the pipes. Longer, narrower and twisted pipes create more

=

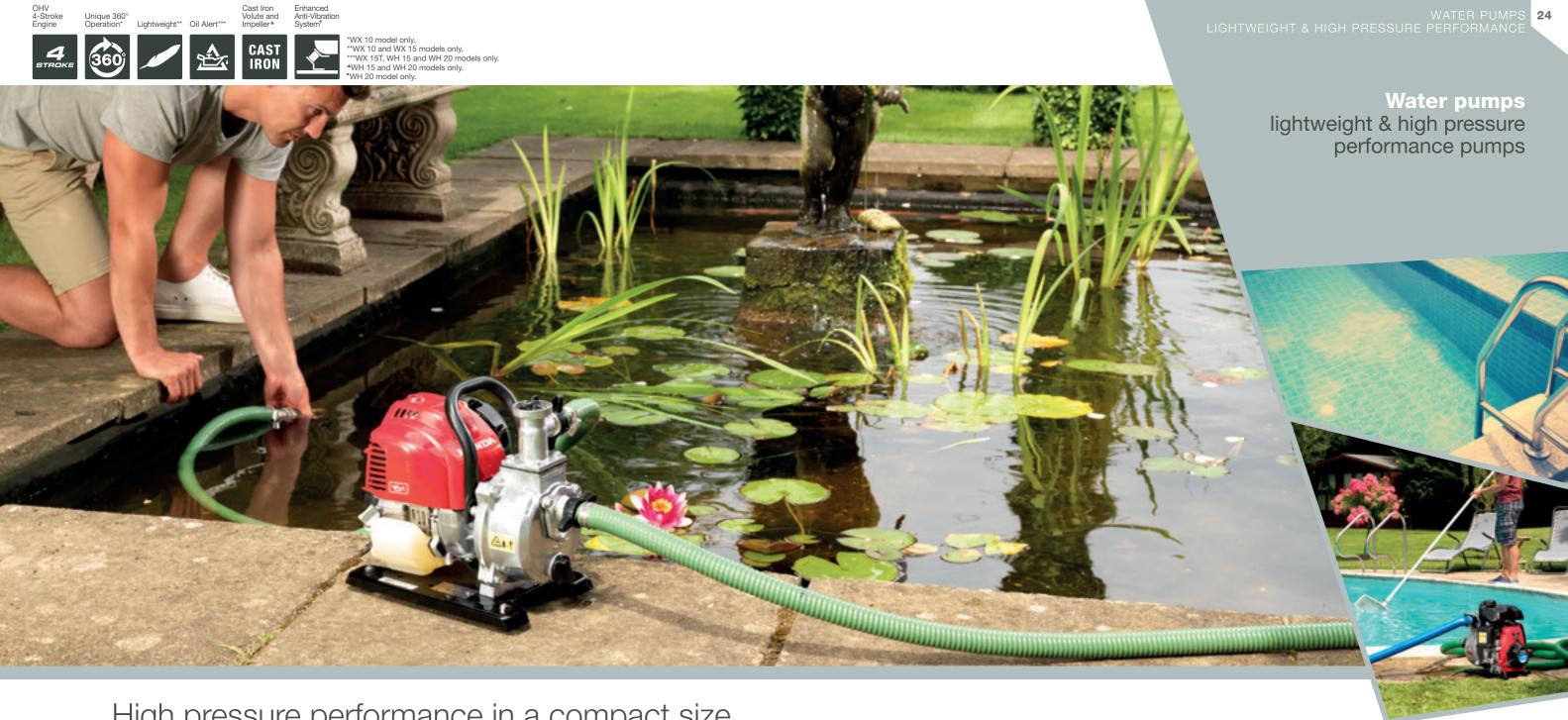
TOTAL HEAD (A)

The total vertical height the pump can

PUMP PERFORMANCE CURVE



Total elevation (m)



High pressure performance in a compact size

The lightweight WX and portable WH ranges are capable of generating impressive pressure, making them ideal for sprinkling, jetting, long-hose irrigation or firefighting applications.



Starting from 6,1 kg, the WX range is very convenient to carry



Lightweight WX range

The WX range is lightweight (from 6,1 kg), compact and easy to transport, with a convenient carry handle. The WX 10 has been designed to allow 360° operation making it ideal for sprinkling, jetting, long hose irrigation or firefighting applications. The durable Honda GX series commercial grade engine ensures easy starting and provides ample power for the toughest conditions.

WH range: Water cannons

They may be compact in size but they have an impressive high pressure capacity (up to 5 bars). The WH products are able to transport high quantities of water for long distances. The combination of rigid-mount cast iron volute, which reduces case wear, and the reliable Honda GX engines, ensures our products last a long time. The WH 20 is fitted with a frame and rubber mount to reduce mechanical stress absorbing vibration.

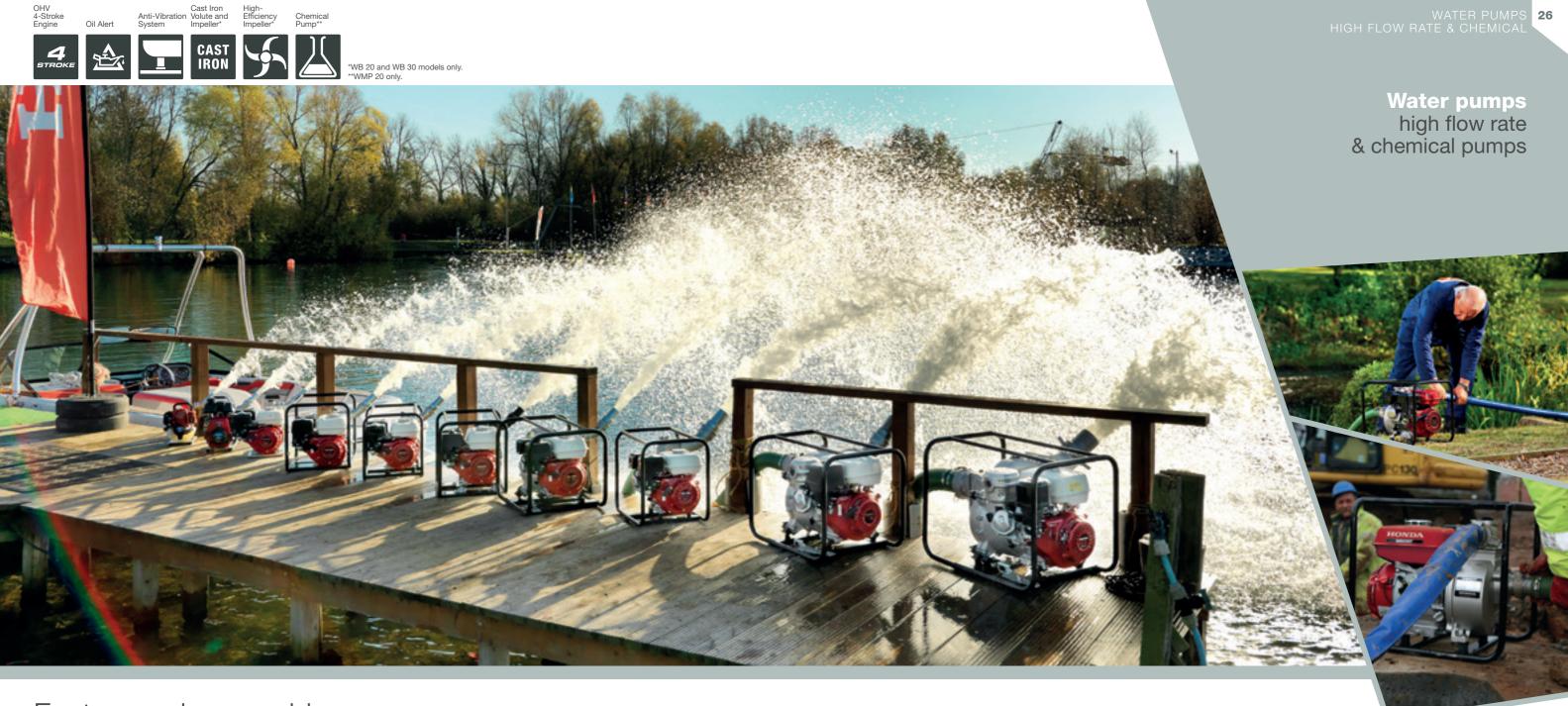




The WH range offers up to 5 bars pressure, ideal to transport water long distances

SPECIFICATION					
WX 10	WX15	WH 15	WH 20		
MAX OUTPUT	MAX OUTPUT	MAX OUTPUT	MAX OUTPUT		
7,2 m³/h	16,8 m³/h	22,2 m³/h	27,0 m³/h		
PRESSURE	PRESSURE	PRESSURE	PRESSURE		
3,7 bar	4,0 bar	4,0 bar	5,0 bar		
DEBRIS SIZE	DEBRIS SIZE	DEBRIS SIZE	DEBRIS SIZE		
5,7 mm	5,7 mm	3,0 mm	3,0 mm		
WEIGHT	WEIGHT	WEIGHT	WEIGHT		
6,1 kg	9,1 kg	22,0 kg	27,0 kg		

Images for illustration purposes only. Model availability is dependant on country, do not hesitate to ask your local Honda dealer.



Fast pumping machines

These water pumps excel in discharging large amounts of water quickly and easily, specially designed to work with salted water, agricultural fertiliser or industrial waste.

High flow rate water pumps

Designed with an abrasion-resistant cast iron volute and impeller, WB units have specially designed vanes for a larger discharge capacity, they can move up to 1.100 litres a minute. That's enough capacity to clear a medium size swimming pool in an hour and a half. The debris size capacity allows them to deal with gravel and other suspended debris.

WMP built for strength

Our chemical pump's housing, volute and impeller are all made of reinforced thermoplastic which gives top-class chemical resistance. Seals are made of very specific rubber materials, resistant to a wide range of abrasive materials and ensures a long working life.

Performance

Featuring the incredibly reliable Honda 4-Stroke engine, this model provides easy starting in all conditions with automatic decompression to reduce the pull-force needed. It's also very efficient, emitting fewer emissions than a regular 2-Stroke engine and provides lower noise levels.



The WMP 20 can deal with abrasive chemical liquids through very special pump casing



The WB range are fitted with a 4 vane high efficiency impeller



SPECIFICATION					
WMP 20	WB 20	WB 30			
MAX OUTPUT	MAX OUTPUT	ΜΑΧ ΟυΤΡυΤ			
50,0 m³/h	37,2 m³/h	66,0 m³/h			
PRESSURE	PRESSURE	PRESSURE			
2,5 bar	3,2 bar	2,3 bar			
DEBRIS SIZE	DEBRIS SIZE	DEBRIS SIZE			
5,7 mm	6,0 mm	6,0 mm			
WEIGHT	WEIGHT	WEIGHT			
25,5 kg	20,0 kg	26,0 kg			

Images for illustration purposes only. Model availability is dependant on country, do not hesitate to ask your local Honda dealer.



The tough choice

Our trash pumps range is ideal for messy jobs and dirty water. It has been developed to handle high volumes of water filled with solids.

The Honda WT trash range water

pump has been designed to allow

pump, without clogging or causing

solids such as sticks, gravel and

other suspended debris to flow

through the 31 mm diameter

damage. This makes them the

ideal water pump for heavy duty

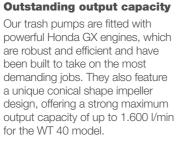


The removable inspection cover allows construction and waste work. quick simple access

High output capacity means the WT 40 for the WT 40 model. can clear up to 1.600 l/min

High debris size absorption Superior durability

To cope with highly abrasive sands and aggregates, this pump also features a super-durable silicon carbide seal and cast iron impeller and volute. Our unique antivibration, 45° inclined rubber engine mounts extend durability further still, reducing vibration and stress to the frame and of course, cutting down on noise levels.





WT 20







Images for illustration purposes only. Model availability is dependant on country, do not hesitate to ask your local Honda dealer.

Water pump specification

Use our handy table to compare our water pumps to choose the right one for you.

	LIGHTWEIGHT AND HIGH PRESSURE PUMP						
	WX 10	WX 15	WH 15°	WH 20 [◊] *			
	e	١	6				
Maximum discharge capacity (L/min)	120	280	370	450			
Max outlets (m³/h)	7,2	16,8	22,2	27,0			
nlet/outlet diameter mm/inches - thread type	25/1,0-PF	40/1,5-PF	40/1,5-PF	50/2,0-PF			
Maximum total head (m)	37	40	40	50			
Maximum suction head (m)	8,0	8,0	8,0	8,0			
Pressure (bars)	3,7	4,0	4,0	5,0			
Debris size capacity (mm)***	5,7	5,7	3,0	3,0			
Engine model	GX25	GXH50	GX120	GX160			
Engine type	4-Stroke, OHC, 1 cylinder	4-Stroke, OHV**, 1 cylinder	4-Stroke, OHV**, 1 cylinder	4-Stroke, OHV**, 1 cylinder			
Displacement (cm ³)	25	49	118	163			
Bore × stroke (mm)	35,0 × 26,0	41,8 × 36,0	60,0 × 42,0	68,0 × 45,0			
Engine speed (rpm)	7.000 max	7.000 max	3.600 max	3.600 max			
Engine net power (kW) (SAE J1349)	0,72	1,60	2,60	3,60			
Cooling system	Forced air	Forced air	Forced air	Forced air			
gnition system	Transistor	Transistor	Transistor	Transistor			
Dil capacity (L)	0,08	0,25	0,56	0,58			
Fuel tank capacity (L)	0,53	0,77	2,00	3,10			
Operating time at maximum discharge	54m	54m	1h 30	1h 30			
Starter system	Recoil	Recoil	Recoil	Recoil			
_ength (mm)	340	355	415	520			
Nidth (mm)	220	275	360	400			
Height (mm)	295	375	415	460			
Dry weight (kg)	6,1	9,1	22,0	27,0			
Sound pressure level at operator's ears – dB(A)	87	90	87	91			
98/37/EC, 2006/42/EC)							

	HIGH FLOW I	RATE, TRAS	H AND CHE	MICAL PUMI	PS
MP 20	WB 20 °	WB 30 °	WT 20 °	WT 30 °	V



W

833	620	1.100	700	1.200	
50,0	37,2	66,0	42,0	72,0	
50/2,0-NPT	50/2,0-PF	80/3,0-PF	50/2,0-PF	80/3,0-PF	
25	32	23	26	25	
8,0	7,5	7,5	8,0	8,0	
2,5	3,2	2,3	2,6	2,5	
5,7	6,0	6,0	24,0	28,0	
GX160	GX120	GX160	GX160	GX270	
4-Stroke, OHV**, 1 cylinder	4				
163	118	163	163	270	
68,0 × 45,0	60,0 × 42,0	68,0 × 45,0	68,0 × 45,0	77,0 × 58,0	
3.600 max					
3,60	2,60	3,60	3,60	6,30	
Forced air					
Transistor	Transistor	Transistor	Transistor Magneto	Digital CDI	
0,58	0,56	0,58	0,58	1,10	
3,10	2,00	3,10	3,10	5,30	
1h 30	1h 42	1h 54	1h 30	1h 30	
Recoil	Recoil	Recoil	Recoil	Recoil	
520	490	510	620	660	
400	365	385	460	495	
450	420	455	465	515	
25,5	20,0	26,0	47,0	61,0	
89	88	89	92	95	
105	102	103	106	110	
					1

Note: all Honda water pumps run on unleaded petrol. ¹PF threads are functionally interchangeable with BSPP. ^{*}Trameless option available. ^{**}OHV – Overhead Valve. ^{**}Derive Joverhead Valve.



WT 40[◊]



1.600
96,0
100/4,0-PF
25
8,0
2,5
31,0
GX390
-Stroke, OHV** 1 cylinder
389
88,0 x 64,0
3.600 max

8,70

Forced air

Digital CDI

1,10 6,10

1h 30

Recoil 735 535

565 78,0

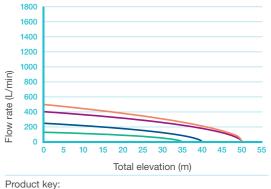
96

112

WATER PUMP PERFORMANCE

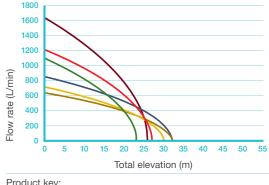
The colour-coded performance curves below show a direct comparison between the different water pumps. Each individual curve represents the flow rate vs. total elevation performance for each water pump.



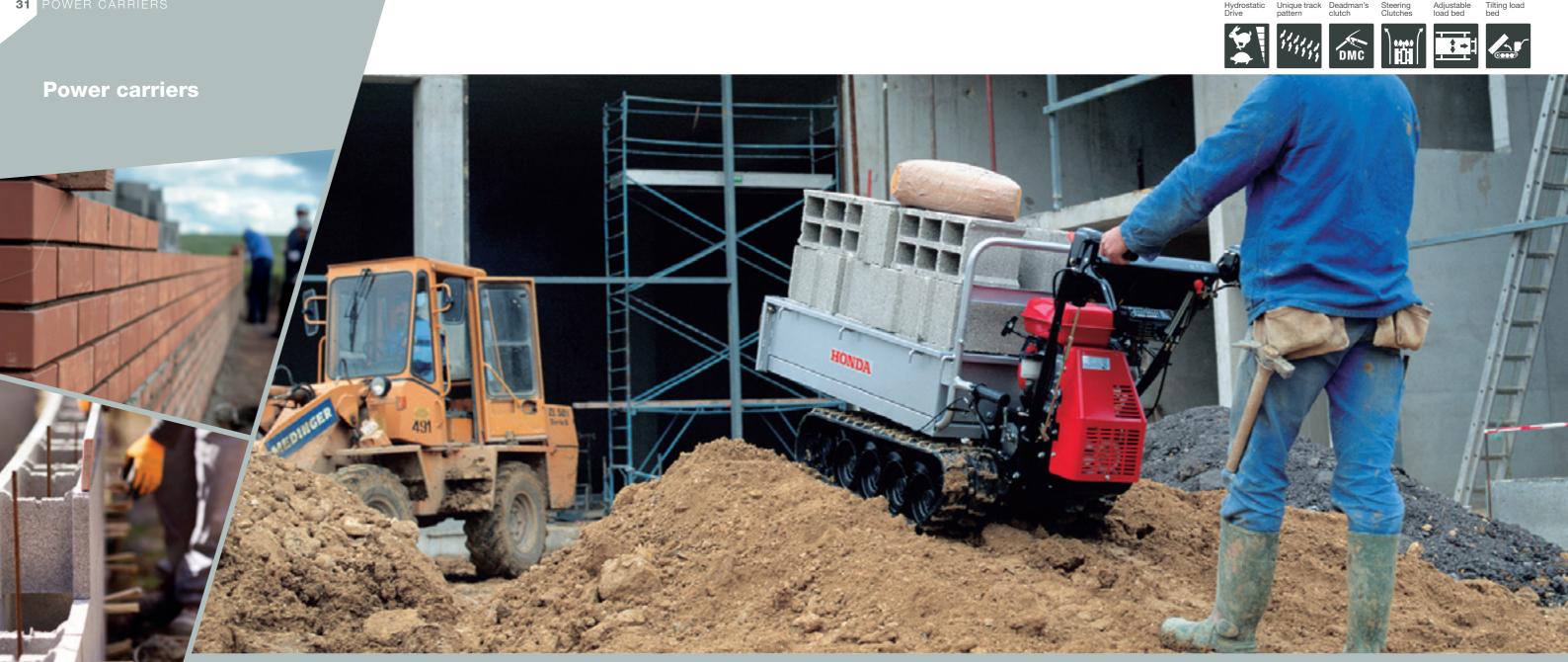


WX10 WX15 WH15 WH20

HIGH FLOW RATE, TRASH AND CHEMICAL PUMP PERFORMANCE CURVES









Our power carriers are flexible - simply adjust the bed for different sized materials

Time and labour saver

Our power carriers take the backache out of shifting heavy loads in confined spaces and inaccessible work areas. The HP 500 provides unbeatable traction and manoeuvrability over all types of terrain including inclines and declines of up to 25°.

High traction performance

Across gravel, bumps and even up stairs, our power carriers' unique track tread provides incredible traction. They have great manoeuvrability and the uniquely designed tread also minimises ground damage, which is important when working across lawns and gardens.

Smooth control

Powered by the efficient, easy starting Honda 4-Stroke GX160 OHV engine, the Honda power carrier HP 500 is easy to operate with simple and conveniently located machine to the floor. controls. The machine is fitted with

steering clutches which allow you to perform U-Turns effortlessly even in the tightest spaces. The hydrostatic transmission provides a smooth, variable speed control, which allows you to work at your own pace.

Versatile load bed

The Honda power carrier has the flexibility of an adjustable load bed. So whatever the shape and size of the load - breeze blocks, agricultural material or rubble, the bed can be changed to accommodate them. It also has the added benefit of a tilting bed, which makes depositing cargo easy. So there's no lifting from the



The HP 500 power carrier has traction, even on a slope



Hydrostatic transmission offers great ease of use





WORLD OF HONDA POWER PRODUCTS

Every innovative Honda product inspires the next, as we deliver on our commitment to making powerful equipment that is engineered for life. From the comfort and intuitive control of our lawn tractors to the complete autonomy of our Miimo robotic mowers... and beyond. We've used our experience to create technologically advanced Snowthrowers that make clearing snow as effortless, efficient and reliable as possible and dependable and dynamic marine engines that have been refined over 54 years to deliver outstanding efficiency and enjoyable performance.

Contact your dealer for details.







Heading for markets

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