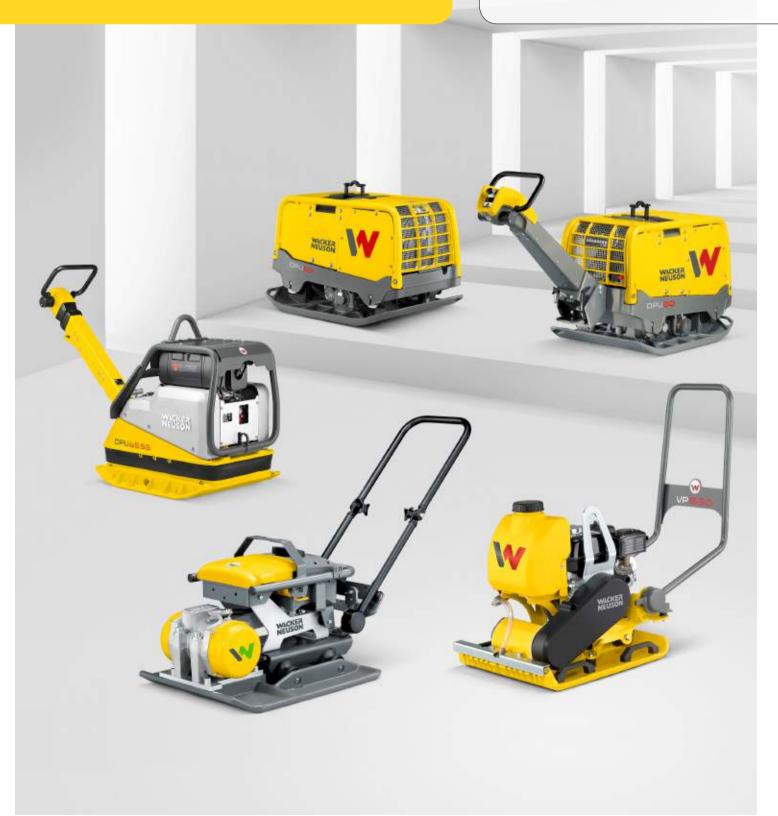
Vibratory plates







These reasons speak for vibration plates from Wacker Neuson.

1. Uncompromising economic efficiency! With innovations for optimum compaction performance.

Great performance, low consumption. No element is too much. But it's full of ideas and technologies that make operation and work easier for you. You will only find this combination with the vibratory plates from Wacker Neuson.

2. Reliable operation! With the proven quality of the compaction specialists.

Unload. Switch on. Get started. And then straight to the next project. You can't afford to stop. That's why our vibration plates run reliably for as long as you need - supported by our first-class service.

3. Your needs in focus! With the complete range of compactors.

The extensive product range of vibratory plates is not only perfectly matched to your different application areas, but is also exemplary in its maintenance. We would be happy to advise you which product and accessories are the right ones for your project - and help you with financing.

Wacker Neuson-all it takes!

We offer products and services that meet your high demands and diverse applications. Wacker Neuson stands for reliability. Of course, this also applies to our wide range of vibration plates. We do our best every day to ensure your success. And we do this full of passion for our jobs.

Compaction expertise to the last detail.



Pinpoint compaction

Compated shows you when no further compaction is required with the respective unit. This prevents over-compaction and overload.



Transport in no time

Whether on the construction site or in the vehicle: sophisticated details make transporting the vibratory plates convenient and easy.



Diesel or gasoline drives

High power reserves and long service life characterize the engines of all models. Many models are optionally available with a gasoline or diesel drive engines.



Remote-controlled operation

The models DPU80r, DPU110r and DPU130r can be operated conveniently and safely via infrared remote control.

Read more on pages 19 and 23.



Low hand-arm vibrations (HAV)

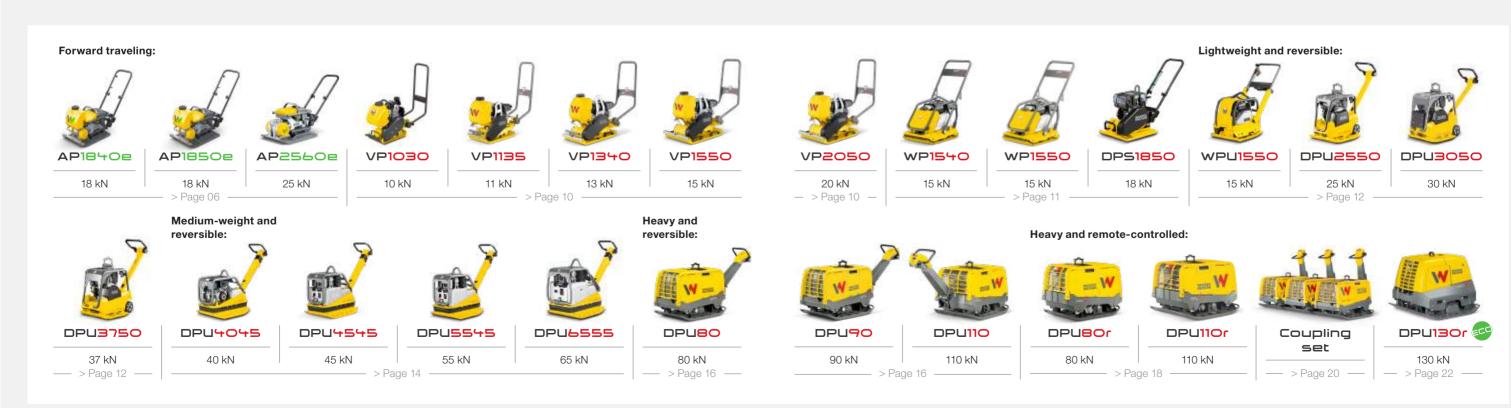
Low hand-arm vibrations (HAV) are essential, especially during long-time application. Almost all reversible vibratory plates from Wacker Neuson can be used without a time restriction, sometimes even without a documentation requirement.



Wacker Neuson has been awarded the ECO seal for particularly economical and environmentally friendly products, including the DPU130r vibration plate.

03

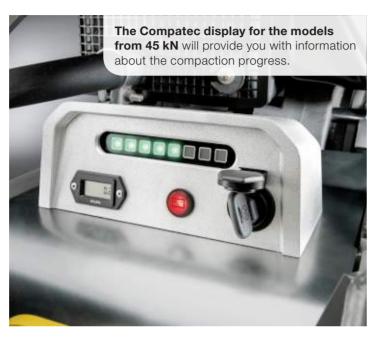
Overview of all vibratory plates.



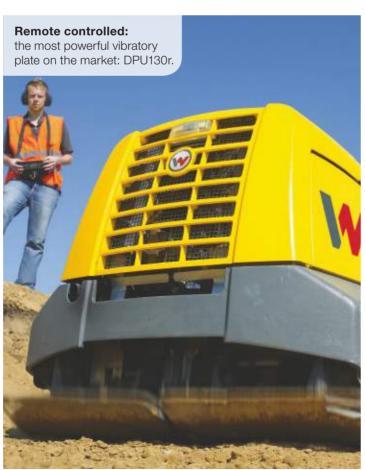
02

The right solution for every type of application area and application area.

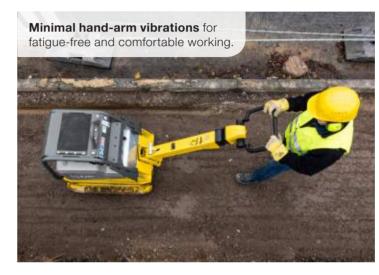


















Battery-powered vibratory plates

The battery-powered vibratory plates by Wacker Neuson are the world's only cable-free electric vibratory plates. They work completely emission-free and are therefore suitable for many sensitive areas of application. These can do everything a normal vibratory plate can do: compaction of soils, paving stones and - with optional water tank - asphalt compaction.

Emission-free vibratory plates are ideal for:

- Areas where emissions can become dangerous, e.g. trenches, tunnels, interiors, etc.
- Construction projects with strict emission requirements, e.g. in city centers or for major public projects
- Small to medium-sized civil engineering sites one battery charge per day is sufficient for typical operating times
- Construction sites with high emission levels for the operator, e.g. with many devices in confined spaces or high temperatures with little wind movement
- Water protection areas where the use of internal combustion engines is generally prohibited

Completely maintenance-free, since the electric motor is mounted directly on the base plate and therefore does not require a V-belt for power transmission.

Robust electric motor based on time-tested and proven components

Optimum water distribution due to wide sprinkler bar

0 % Emissions **Guide handle can be** folded down, thus more compact during transport

Sturdy protective cage also enables lateral guiding

Powerful lithium-ion battery, can also be used on other battery operated devices by Wacker Neuson thanks to a modular concept

Easy starting at the push of a button replaces the cable pull

Rugged, durable base plate





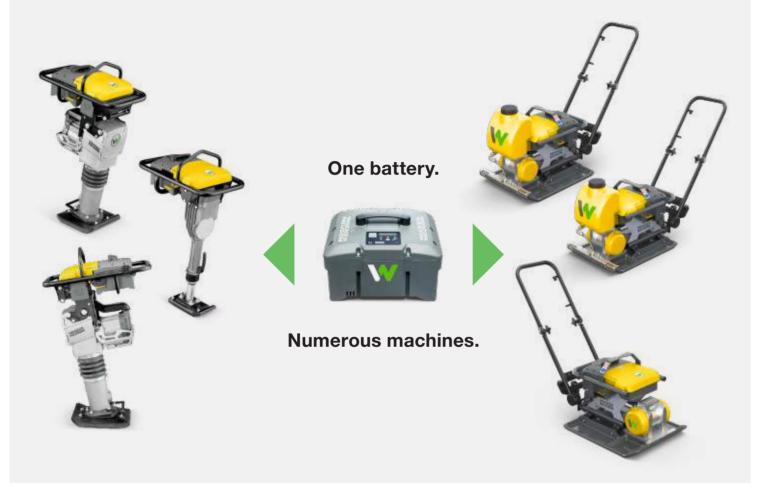
	AP1850e	AP1840e	AP2560e
Operating weight ² (kg)	97	93	147
Surface capacity ¹ (m ² /h)	800	648	756

¹ Depends on the soil and environmental influences

² Water tank model plus 10 kg

Battery with system: once purchased, twice used, lots saved.

The powerful batteries BP1000 and BP1400 fit into our vibratory rammers as well as into the vibratory plates. The change is done in a few steps and in seconds - without any tools. This is not just practical, but also saves costs, since you only have to buy as many batteries as machines are in use at the same time. And the transport is also easier - in the true sense of the word.



Battery power in two different power classes: BP1000 and BP1400.

Lithium ion rechargeable batteries have been specially developed for use in vibrating machines. They have a particularly extended running time, are extremely robust and easy to handle. In addition, they are continuously developed by us - thus, your machines are always in keeping with the latest technological developments.

- Consistent power output across the entire discharge phase, therefore full compaction performance from the first to the last minute of working
- Can be charged quickly with protection against overloading
- Active cooling while charging preserves the battery



AP2560e: The paving stone specialist.











Single-direction vibratory plates

Easy to maneuver and extremely mobile – with the small single direction vibratory plate, you will effortlessly reach any narrow spot.

	VP1030	VP1135	VP1340	VP1550	VP2050
Power output (kN	N) 10	11	13	15	20
Weight (kg)	50.8 - 51.2	60.5 – 63.7	80.7 - 84.5	90.8 – 94.6	93 – 99
Type of engine			Gasoline engine		

VP series:

- Optimum watering through maximum supply quantity, comfortably adjustable with a large voltage regulator
- At all times, sufficient water flow thanks to high-quality filter
- A full workday of long, comfortable working thanks to very good attenuation of the control handle (hand-arm vibration values below 5 m/s²)
- Easy access to the tank and optimum balance when loading by 90° turned lifting eye
- The narrowing control handle makes it ideal for working along walls: no sanding marks on the wall, more hands-free (from VP1340)
- Robust, durable cylindrical roller bearings
- Additional front handle facilitates transportation, e.g. by two people
- Ideal for asphalt compaction: a bent control handle provides stability in the case of lateral guide, e.g. on curbs
- All models available without water tank and sprinkler system

Convinces with all-round qualities for small areas and niches, mixed soil types as well as interlocking paving stones and asphalt.





- The versatile DPS1850 Vario: adjustable centrifugal force to adapt the compaction force to different soils and layer thicknesses
- Asphalt specialist DPS1850 asphalt: with an 11-liter water tank, sprinkler system and protective frame. Outfitting also available as an accessory for DPS1850 Basic and DPS1850 Vario

	DPS1850	DPS1850	DPS1850
	Basic	Asphalt	Vario
Power output (k	N)18	18	18
Weight (kg)	114	139	116
Type of engine		Diesel engine	



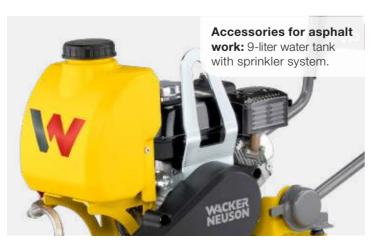
WP series:

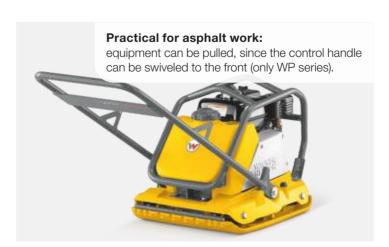
- Sturdy tubular frame provides complete protection and handles for transport and lateral operation.
 Lifting eye integrated
- The base plate is made of a very wear resistant material with a high surface quality for perfectly compacted asphalt
- 2 operating widths available (400 mm and 500 mm)
- High quality Honda gasoline engine
- All models available without and with 11-liter water tank and sprinkler system

	WP1540	WP1550
Power output (kN)	15	15
Weight (kg)	86 – 92	89 – 96
Type of engine	Gas	oline engine ———









Special Vario exciter allows variable adjustment of centrifugal forces, in order to adapt the compaction force individually to the ground - ideal also for the vibration of interlocking paving stones.





Lightweight reversible vibratory plates

More operating comfort due to the forward and reverse travel direction combined with a compact design – that is what the small reversible vibratory plates from Wacker Neuson offer you.

Economical solution thanks to the very convincing price-performance ratio.



WPU1550

- Smallest and most lightweight reversible vibratory plate from Wacker Neuson
- Solid steel pipe frame offers the possibility of lateral guidance as well as reliable protection of the engine and water tank
- Base plate made of high quality nodular cast iron: for easy turning on asphalt, without roughing it up
- Sturdy transport roller with a wide contact surface prevents tracks in fresh asphalt
- Sprinkler system for optimal water distribution across the entire width of the base plate

WPL	17=		
VV I		-	_

Power output (kN)	15
Weight (kg)	90
Type of engine	Gasoline engine



Power output (kN) **25**Weight (kg) **145 – 160**Type of engine



DPU2550	DPU2560	DPU3050*	DPU3060*	DPU3070*	DPU3750*	DPU3760
25	25	30	30	30	37	37
166	171	181 – 206	190 – 215	195	247 – 265	274
		Diesel engine -				

* Models optionally also available with gasoline engine (BPU)

DPU series

- Handle-attenuation for fatigue-free and comfortable working (hand-arm vibrations under 5 m/s²)
- Electric starter is available as an option for the DPU3050, DPU3060, DPU3750 and DPU3760 models
- Extremely economical and durable due to break-proof, low-wear materials
- Fold-down and displaceable lifting eye
- Base plate made of wear resistant nodular cast iron guarantees a long service life



For the compaction of paths, trenches, in confined areas, for paving stones or maintenance work.













Medium-weight reversible vibratory plates

For long-time application, you can rely on the extremely high compaction performance of the medium-weight reversible vibratory plates from Wacker Neuson. Hand-arm vibration (HAV) values far below the trigger value save the effort of documentation.

DPU series

- First-class compaction force
- Handle attenuation for fatigue-free and comfortable work
- Engines with high power reserves provide for a long service life
- Intelligent functions, such as low oil shutdown, self-adjusting V-belt, maintenance-free alternator
- Base plate made from wear resistant nodular cast iron
- Optional outfitting for electric starter models: Compatec, operating hour meter, extra-wide extension plates

For professional long-time application, the compaction of anti-frost layers and subbases in road and highway, path and parking lot construction, the vibration of heavy interlocking paving stones, thanks to the 69 Hz frequency as well as for the backfilling of buildings.





Widths from 40 to 86 cm available



 DPU4O45
 DPU5S45*
 DPU6S55

 Power output (kN) 40
 45
 55
 65

 Weight (kg)
 376
 402 - 425
 399 - 447
 480 - 527

 Type of engine
 Diesel engine

* Model optionally also available with gasoline engine (BPU)

Time-tested and proven for all application areas in road and highway construction and civil engineering. Even vibrates heavy interlocking paving stones and reliably compacts very cohesive soils.

No documentation requirement:

hand-arm vibrations (HAV) are below 2.5 m/s² thanks to the vibration-reduced drawbar.



Low hand-arm vibrations



Unit operation without any time restrictions



















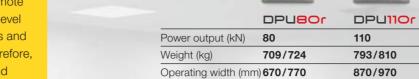
Heavy-weight remote controlled vibratory plates

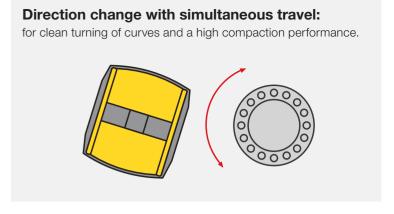
The DPU80r and DPU110r remote-controlled vibratory plates allow for safe work and sensitive control at all times.

DPU series: benefits at a glance

- No load from hand-arm vibration or exhaust fumes to the operator thanks to the vibratory plate.
- High level of safety: the equipment remains stationary if clear line of sight is lost
- Long engine running time and maintenance intervals due to large air filters
- Durable and optimum for all maintenance work: robust hood made of tubular frame and steel plates, bifurcated and swiveled
- Optimum for application in trench shoring due to low height
- Less transport damage due to large, easily accessible lashing lugs
- Easy cleaning without damage to hydraulic hoses, thanks to the open base plate
- Large, easily accessible fuel tank with a visible fill level, sufficient for about 4 hours of continuous operation
- Integrated machine protection, adjustable in case of overload: warning, reduction of rpm or shutdown

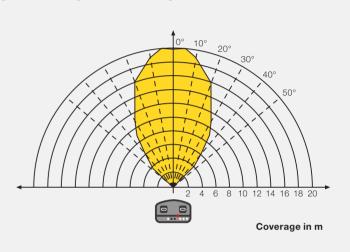
Innovative infrared remote control ensures high level of safety for operators and the environment. Therefore, the operator can stand safely outside the trench, protected from vibration, dust and noise.





Far-reaching control:

a transmission field of up to 20 meters and an angle of 45° guarantee a high level of working comfort.



High level of safety:

it automatically stops if there is no clear line of sight between the operator and the compaction equipment.











Intelligent proximity recognition sensor:

the machine stops automatically when the minimum safety distance between the operator and machine is less than 2 m.



Coupling set

Connect three DPU110 vibratory plates to a high-performance machine. The coupling set offers extreme surface and compaction performance - ideal for crushed stone compaction in railway construction and for large areas in earthworks. Compared to a roller, it is considerably lower priced to purchase, more economical in fuel consumption and easier to transport. The vibratory plates can also be used individually. Thus, maximum flexibility can be obtained.

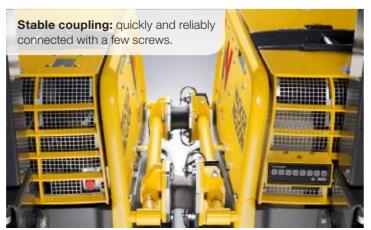
- Automatic infrared connection of machines via "Plug and Play"
- Extreme operating width saves time and time-consuming turning maneuvers in narrow track hed
- Safe control via infrared remote control, without hand-arm vibrations and away from dust and noise
- Proximity recognition sensor and field of view function offer maximum safety for the operator and the vicinity (see also p. 19)
- The remote control can be charged under the hood no additional power supply required
- Economical use of the machines with coupling set or individually
- Comparatic: Compaction display on coupling set, clearly visible for the operator, as well as documentation via GPS in Telematics portal

3-part coupling set: 2-part coupling set:

Power output (kN)	3 x 110	2 x 110
Weight (kg)	2,616	1,727
Operating width (mm)	3,000	1,985







Comparatic = Compatec + Telematics.

Optimal compaction control with GPS tracking: the innovative Compamatic function records the machine location during compaction via GPS and documents the compaction clearly on a map. This gives you a quick overview of work progress and compaction quality. All telematics data can be retrieved in a protected area from our EquipCare portal.





The DPU130r is the most powerful vibratory plate on the market and exceeds all expectations: its compaction performance approaches that of a 7-ton roller. Thanks to the remote control, you can also compact places with the DPU130r that are difficult to access.

Offers a compaction performance like a 7-ton roller and

can also be used in twisting and winding areas due to the

high level of maneuverability.

DPU13Or Power output (kN) 130 Weight (kg) 1,170 Operating width (mm) 1,202

A high level of safety due to infra-red remote control with a proximity recognition sensor and automatic shutdown if the line of sight is lost

equipment

against damage to the

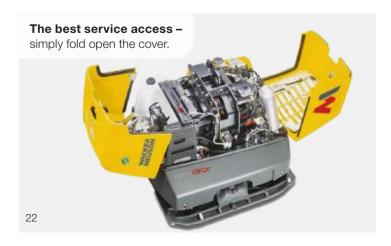
Overload sensor to protect

On-board computer for comfort

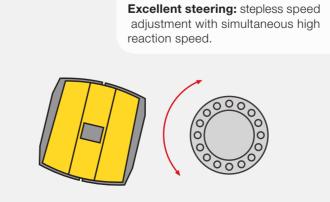
functions, such as anti-theft protection or extensive diagnostic options

Very simple maneuvering thanks to the unique, two-part base plate, e.g. along manhole covers and other obstacles

Large, easily accessible tie-downs and therefore easier securing and less transport damage









Accessories

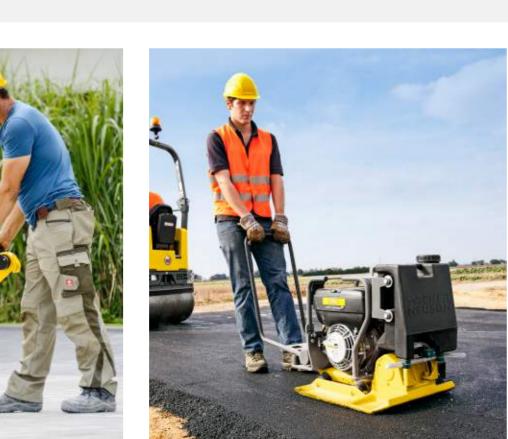


















		Set of extension plates in various widths	Transport device	Plate slider
	BPU2540A	-	•	0
	DPU2540H	-	•	0
res	DPU2550H	-	•	0
PLATE	DPU2560H/DPU256OHts	-	•	0
	BPU3050A	-	•	0
VIBRATORY	DPU3050H/DPU3050He	-	•	0
ΥŢ	DPU3060H/DPU3060Hts	-	•	0
3R/	DPU3070H	-	•	0
X	DPU3750Hts/DPU3750Hets	-	•	0
OR	DPU3760Hts/DPU3760Hets	-	•	0
S FO	DPU4045Ye	0	0	0
ES	DPU 4545 H/DPU 4545 He/DPU 4545 Heap	0	0	0
ORIE	BPU5545A	0	0	0
CESS	DPU5545H/DPU5545He/DPU5545Heap	0	0	0
CE	DPU6555H/DPU6555He/DPU6555Hec	0	-	0
AC	DPU80	-	-	-
	DPU90	-	-	-
	DPU <mark>110</mark>	-	-	-
	DPU8Or	-	-	-
	DPU11Or	-	-	-
	DPU13Or	-	-	-

⁻ Not available ○ Available ● Integrated





Technical data

			AP1840e	AP1850e	AP2560e		VP1030	VP 1135	VP1340	VP1550	VP2050	WP1540) WP1550		DPS1850 (Basic)	DPS1850 (Vario)	DPS1850 (Asphalt)		WPU1550
	SPECIFICATION	UNIT																	
IES	Weight	kg	101	101	147	ES	50.8-58.8°	60.5-68.5	80.7 - 88.7*	90.8-98.8*	93-101	86-92°	89-96°	ES	114	116	139	邑	89-96 ⁻
<u> </u>	Centrifugal force	kN	18	18	25	2	10	11	13	15	20	15	15	EB	18	18	18	ER	15
SE	Operating width	mm	400	500	600	SE	313	355	405	505	505	430	498	S	500	500	500	S	498
AP	Frequency	Hz	98	98	98	Λ	98	98	98	98	98	98	98	OP?	88	98	88	VP	98
	Engine		Electric motor	Electric motor	Electric motor		Honda GX120	Honda GX 120	Honda GX160	Honda GX160	Honda GX160	Honda GX 1	Honda GX 16		Hatz 1 B 20	Hatz 1 B 20	Hatz 1 B 20	>	Honda GX 160
	Electrical load rating at 3,600 rpm	kW	-	-	-		2.6	2.6	3.1	3.1	3.1	3.6	3.6		3.4	3.4	3.4		3.6

X			BPU2540	DPU2540	DPU2550	DPU2560	BPU3050	DPU3050	DPU3060	DPU3070	BPU3750	DPU3750	DPU3760
37	SPECIFICATION	UNIT											
25-	Weight	kg	145	160	166	171	181	206	190-215°	195	247	265	274
S	Centrifugal force	kN	25	25	25	25	30	30	30	30	37	37	37
E	Operating width	mm	400	400	500	600	500	500	600	700	500	500	600
SE	Vertical clearance	mm	666	736	736	736	777	777	777	777	777	777	-
P	Frequency	Hz	90	90	90	90	90	90	90	90	90	90	90
	Engine		Honda GX 160	Hatz 1 B 20	Hatz 1 B 20	Hatz 1 B 20	Honda GX270	Hatz 1 B 30	Hatz 1 B 30	Hatz 1 B 30	Honda GX270	Hatz 1 B 30	Hatz 1 B 30
∞ _ <u>'</u>	Electrical load rating	kW	3.1 (at 2,840 rpm)	3.1 (at 2,800 rpm)	3.1 (at 2,800 rpm)	3.1 (at 2,800 rpm)	5.1 (at 3,600 rpm)	4.2 (at 2,800 rpm)	4.2 (at 2,800 rpm)	4.2 (at 2,800 rpm)	5.1 (at 3,600 rpm)	4.2 (at 2,800 rpm)	4.2 (at 2,800 rpm)
BPU	Options		-	-	-	Top Speed Version	-	Electric starter	Electric start, top speed version	-	-	Electric starter	Electric starter

			DPU4045	DPU 4545	BPU5545	DPU5545	DPU 6555	DPU80	DPU90	DPU110	DPUBOr	DPUITOr	Coupling set	DPUIBOr
X	SPECIFICATION	UNIT												
30	Weight	kg	376	402-425*	340	399-447	480-527*	756-771*	756-771°	813-830°	709-724*	793-810°	2,616	1,170
Ţ	Centrifugal force	kN	40	45	55	55	65	80	90	110	80	110	3 x 110	130
3 4(Operating width	mm	604	604	604	604/750	710 x 860	670/770	670/770	870/970	670/770	870/970	3,000	1,202
Ä	Vertical clearance	mm	764	790	725	790	861	830	830	830	830	830	830	996
H	Frequency	Hz	69	69	69	69	69	56	63	60	56	60	60	58
S	Engine		Yanmar L70N	Hatz 1 D 42S	Honda GX390	Hatz 1 D 42S	Hatz 1 D 81S	Kohler 702	Kohler 702	Kohler LDW 1003	Kohler LDW 702	Kohler LDW 1003	Kohler LDW 1003	Kohler KDW 1404
DP	Electrical load rating	kW	4.5 (at 3,000 rpm)	6.4 (at 2,850 rpm)	6.4 (at 2,600 rpm)	6.4 (at 2,850 rpm)	9.6 (at 2,800 rpm)	11 (at 3,600 rpm)	11.7 (at 3,600 rpm)	16 (at 3,600 rpm)	11 (at 3,600 rpm)	16 (at 3,600 rpm)	16 (at 3,600 rpm)	21 (at 2,700 rpm)
BPU- & I	Options		Electric starter standard, operating hour meter	Compatec, operating hour meter	-	Electric starter, Compatec, operating hour meter, extra-wide extension plates	Electric starter, Compatec, operating hour meter, extra-wide extension plates, narrow protective cage	Overload protection, Compatec incl. overload protection; with electric start and operating hours meter as standard	Overload protection, Compatec incl. overload protection; with electric start and operating hours meter as standard	Overload protection, Compatec incl. overload protection; with electric start and operating hours meter as standard	Overload protection, Compatec incl. overload protection; with electric start and operating hours meter as standard	Overload protection, Compatec incl. overload protection; with electric start and operating hours meter as standard	Overload protection, Compatec incl. overload protection; with electric start and operating hours meter as standard	Standard with electric starter, operating hour meter and overload protection

Not available

The Wacker Neuson product range includes over 300 different product series with different versions. The product data may vary accordingly with the selection of different options. Not all Wacker Neuson products listed or shown here are however available or allowed in all countries. The Wacker Neuson products shown are examples and as such are subject to changes. We are happy to make you a specific offer upon request!

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^{*} Weight depends on the additional options selected

Your everyday work day is full of challenges. We have the right solutions and help you to be ahead of the competition.

We offer you everything you need for this purpose: Wacker Neuson—all it takes!



Services



Financial solutions Uncomplicated, transparent and individual financing options for you.



Repair & maintenance Excellent and fast maintenance. Repairs with original spare



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We expand
your know-how:
practice-oriented
and within an
ideal learning
environment.



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the machines
at a glance, via
app or PC –
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Protect your
liquidity and rent
well-maintained
construction
equipment according
to requirement.



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