



BELLE
LIGHT
CONSTRUCTION
EQUIPMENT



Altrad-Belle.com

PCX 20/45 & 20/50

FORWARD PLATE COMPACTORS

Heavyweight Plate Compactors used for soil compaction on new developments, repairs and maintenance jobs with large aggregates, cohesive material or moist content.

This plate is a hard hitting but user friendly machine in the heavy weight class.



BUILDING A SUSTAINABLE FUTURE.

FEATURES & BENEFITS

- Compaction all-rounder for soils, asphalt and pavements, a plate with unlimited possibilities.
- The optimum vibratory plate for finishing or patching a surface.
- Highest degree of operator comfort: patented vibration neutralisation of the operating handle.
- Wear and fracture resistant cast base continuous load applications, manufactured out of extremely resistant cast iron (GJS-700)
- The sturdy protective frame with integrated Lifting Point makes this plate resistant to rough treatment or mechanical shocks.
- Fold-Flat handle for easy storage & transportation.
- High power 20kN Vibration Force.
- Improved productivity with fast travel speeds.
- Water Kit, Wheel Kit & Paving Pad options available.



WHEEL KIT OPTION



UNIQUE LOW HAV MOUNTING SYSTEM

TECHNICAL SPECIFICATIONS

Model	PCX 20/45		Model	PCX 20/50	
Width	(mm)	450	Width	(mm)	500
Storage Length	(mm)	880	Storage Length	(mm)	880
Operating Length	(mm)	1167	Operating Length	(mm)	1167
Storage Height	(mm)	585	Storage Height	(mm)	585
Operating Height	(mm)	987	Operating Height	(mm)	987
Plate Contact Area (W x L)	(mm)	418 x 500	Plate Contact Area (W x L)	(mm)	467 x 500
Vibrator Force	(kN)	20	Vibrator Force	(kN)	20
Frequency	(Hz)	80	Frequency	(Hz)	80
Max. Gradient	(°)	20	Max. Gradient	(°)	20
Sound Power Level	(dB LWA)	108	Sound Power Level	(dB LWA)	108
Model	PCX 20/45 - Honda		Model	PCX 20/50 - Honda	
Part No.	FC4500E		Part No.	FC5000E	
Engine Power	(Hp / kW)	4.9 / 3.6	Engine Power	(Hp / kW)	4.9 / 3.6
Engine RPM		3600	Engine RPM		3600
Weight	(kg)	91	Weight	(kg)	97
Maximum Travel Speed	(m/min)	26	Maximum Travel Speed	(m/min)	25
Compaction Force	(kg/m ²)	433	Compaction Force	(kg/m ²)	422
3 Axis Vibration*	(m/sec ²)	3.5	3 Axis Vibration*	(m/sec ²)	3.5
Usage Time	(Mins)	245	Usage Time	(Mins)	245
Model	PCX 20/45 - Hatz		Model	PCX 20/50 - Hatz	
Part No.	FC4515E		Part No.	FC5015E	
Engine Power	(Hp / kW)	4.6 / 3.4	Engine Power	(Hp / kW)	4.6 / 3.4
Engine RPM		3350	Engine RPM		3350
Weight	(kg)	115	Weight	(kg)	120
Maximum Travel Speed	(m/min)	25	Maximum Travel Speed	(m/min)	24
Compaction Force	(kg/m ²)	548	Compaction Force	(kg/m ²)	522
3 Axis Vibration*	(m/sec ²)	2.64	3 Axis Vibration*	(m/sec ²)	2.45
Usage Time	(Mins)	430	Usage Time	(Mins)	500
Options			Options		
OPP/30/DIO	PCX 20/45 Paving Pad Option		OPP/35/DIO	Fixed Wheel Kit Option (Petrol only)	
OPP/32/DIO	PCX 20/50 Paving Pad Option		OPP/50/DIO	Detachable Wheel Kit Option (Petrol & Diesel)	

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