

Atlas Copco

Forward Plate Compactor 320mm LF50
PERFORMANCE DATA

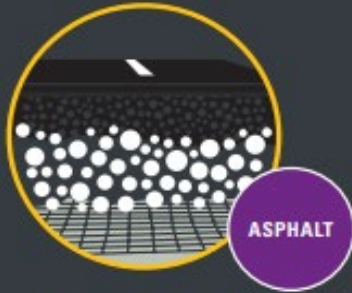


Technical Data

Machine Specifications	Standard
Fuel	Petrol
Operating Weight / with water tank	53 kg
Frequency	95 Hz
Amplitude	0.9 mm
Centrifugal Force	8 kN
Speed	24 m/min
H/A vibrations, standard handle	6.9 m/s ²
H/A vibrations, vibration reduced handle	1.9 m/s ²
Sound power, guaranteed	100 dB(A)
Sound pressure at operators ear	89 dB(A)
Plate width	320 mm
Plate length	505 mm
L x W x H	940 x 320 x 965 mm
Engine Manufacturer	Honda
Engine model	GX100
Rated power	2.2
Part number without water tank	3382 0000 32
Part number with water tank	-
Part number, block paving kit	3382 0129 60

KNOW YOUR SURFACE

A great compactor can handle both soil and asphalt. Here's how we help you tame mother natures upper crust.



ASPHALT

ASPHALT

Compaction has a profound influence on asphalt performance. Compaction transforms the asphalt mix from a loose state to a compact surface that carry heavy loads. Efficiency of compaction depends heavily on the internal resistance of asphalt. Tools must be able to compact without leaving marks and water is important to create a smooth surface.

Layer thickness (m) Passes



4

LF Surface capacity (m³/h)



SILT
0.002-0.06 mm

SILT NEEDS FORCE

Silt needs proper water content for good compacting. The cohesive soils, like clay and silt, have the smallest particles of all soils. Silt particles are larger than in clay, but they are still small enough to require high energy for deep compacting. A powerful forward plate together with your experience gets the job done.

Layer thickness (m) Passes



4

LF Compaction capacity (m³/h)



SAND
0.06-2 mm
GRAVEL
2-60 mm

TAKE IT GENTLE

For sand and gravel you can achieve high-density compaction in either a dry or saturated state. The level of compaction depends more on grading than on moisture. Too much compaction of sand and gravel is like beating a concrete wall with a sledgehammer. It can crush the material and reduce the load bearing capacity.

Layer thickness (m) Passes



4

LF Compaction capacity (m³/h)



QUALITY PAYS

The graph shows an average (%) over 1,000 hours.

Total costs of ownership are all costs generated by a piece of equipment throughout its lifetime. We always strive to keep the total cost of ownership as low as possible by providing highly productive equipment. The graph shows an average of over 1,000 hours. This varies depending on local conditions.

Operator Investment Spares Energy

