

HC-Hydraulic Compactors

The power of hydraulics in plate compactors and drivers



Atlas Copco

HC-hydraulic compactors

The Atlas Copco range of hydraulic compactors covers a broad spectrum of applications and customer needs. They are designed for compacting soil, trenches and slopes and also for driving and extracting piles.

Atlas Copco's hydraulic compactors are much faster and easier to use than hand-held compactors – and therefore much more cost-efficient.

With rig-mounted hydraulic compactors from Atlas Copco, there is no need for personnel in the direct area of operations, thus reducing noise and safety risks. Work in trenches in particular is made safer.

Features:

- integrated input flow and pressure control
- regeneration circuit eliminates the need for an open return
- flat top mounting base for versatility
- removable base plate (HC 920 - HC 2041)

Applications:

- trench and soil compaction
- driving sheeting and pilings
- extracting



Integrated hole pattern:

Hydraulic compactors are drilled with hole patterns to match the following Atlas Copco hammer brackets.

| | | | |
|--------|------------------------|---------|-------------------|
| HC 103 | PB 110-PB 160 / SB 102 | HC 920 | MB 500 - MB 1000 |
| HC 308 | PB 210-PB 420 / SB 202 | HC 2040 | MB 1200 - MB 1700 |
| HC 409 | PB 210-PB 420 / SB 202 | HC 2041 | MB 1200 - MB 1700 |

| HC-hydraulic compactors | | HC 103 | HC 308 | HC 409 | HC 920 | HC 2040 | HC 2041 |
|------------------------------------|----------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Carrier weight class ¹⁾ | t | 1 - 3 | 3 - 8 | 4-9 | 9 - 20 | 20 - 40 | 20 - 40 |
| Service weight | kg | 160 | 320 | 430 | 880 | 1050 | 1055 |
| Oil flow rate | l/min | 30 | 57 | 76 | 114 | 151 | 189 |
| Operating pressure | bar | 150 | 150 | 150 | 150 | 150 | 150 |
| Vibrating force | t | 1,4 | 2,3 | 3,6 | 7,3 | 10,5 | 11,4 |
| Vibrating frequency | n/min | 2100 | 2100 | 2200 | 2200 | 2200 | 2200 |
| Baseplate size (W x L) | mm | 290 x 678 | 455 x 693 | 610 x 929 | 710 x 1178 | 864 x 1136 | 864 x 1136 |
| Plate coverage | m ² | 0,16 | 0,24 | 0,42 | 0,63 | 0,74 | 0,74 |
| Height | mm | 486 | 623 | 622 | 764 | 786 | 786 |
| Pt.-Id. No. | | 1826 1014 44 | 1826 1014 45 | 1826 1014 46 | 1826 1014 36 | 1826 1014 47 | 1826 1014 48 |

¹⁾ Weights apply to standard carriers only. Any variances must be agreed with Atlas Copco and/or the carrier manufacturer prior to attachment.