

# HC hydraulic compactors

Compacting and driving with hydraulic accessory units



*Atlas Copco*



# HC hydraulic compactors

Hydraulic compactors are designed to cope with a broad range of applications. Soil, hollow and slope compression, as well as pulling out and driving in posts and formwork are the primary areas of application of the product range.

## Compactors as accessory units: more power, better progression of work

The excavator load is transferred partially to the vibrating plate. Thus the weight of the carrier machine accelerates the compacting process, so allowing greater chute heights to be processed.

## Compactors as accessory units: quieter and safer

Accessory units create less noise than a manually operated compactor. This is a great advantage in terms of safety, particularly when used in ditches: nobody has to stand directly in the workspace any more.

## Compactors as accessory units: reduction in harmful vibration for the operator

The operator is not affected by the vibration of the working device. The operator is subject to a constant load when using a manually operated device.

## Faster and more flexible thanks to an endless slewing gear:

An optional endless slewing gear facilitates positioning on tricky terrain. Even areas of the terrain which are hard to access can be reached more easily. The productivity of the compactor can be enhanced considerably using this slewing gear.

## Maintenance-free thanks to "PermanentLube"

The compactor is practically maintenance-free thanks to the permanent bearing lubrication device fitted as standard. So having to interrupt work for manual lubrication and failures due to a lack of lubrication are all things of the past.

## Impressive technical features:

- integrated throughflow and pressure control
- hydraulic system requires no pressureless tank return
- Flexible application thanks to the use of standard adapter plates and quick-change systems
- Interchangeable vibrating plate (HC 920, HC 2040, HC 2041)

## Possible application:

- Hollow, soil and slope compression
- Driving in formwork, sheet pile profiles, posts, etc.
- Pulling out formwork, sheet pile profiles, posts, etc.





**Integrated hole patterns:** these hydraulic compactors come with the same hole patterns as the corresponding Atlas Copco hydraulic hammer connectors.

Slewing gear as add-on kit			
Model	Slewing gear	Weight, kg	Connection kit
HC 308	1826 1016 44	80	3376 6960 37
HC 409	1826 1016 44	80	3376 6970 37
HC 920	1826 1016 44	80	3376 6980 37
HC 2040	1826 1016 45	150	3376 6990 37
HC 2041	1826 1016 45	150	3376 6990 37

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

HC-hydraulic compactors		HC 103	HC 308	HC 409	HC 920	HC 2040	HC 2041
Carrier weight class <sup>1)</sup>	<i>t</i>	1 - 3	3 - 8	4-9	9 - 20	20 - 40	20 - 40
Service weight	<i>kg</i>	160	320	430	880	1050	1055
Oil flow rate	<i>l/min</i>	30	57	76	114	151	189
Operating pressure	<i>bar</i>	150	150	150	150	150	150
Vibrating force	<i>t</i>	1,4	2,3	3,6	7,3	10,5	11,4
Vibrating frequency	<i>n/min</i>	2100	2100	2200	2200	2200	2200
Baseplate size (W x L)	<i>mm</i>	346 x 678	475 x 693	610 x 929	710 x 1178	864 x 1136	864 x 1136
Plate coverage	<i>m<sup>2</sup></i>	0,19	0,25	0,42	0,63	0,74	0,74
Height	<i>mm</i>	486	623	622	764	786	786
Part number		1826 1016 34	1826 1016 35	1826 1016 36	1826 1016 37	1826 1016 38	1826 1016 39

<sup>1)</sup> Weights are applicable only for standard version carrier machines without slewing gear. Deviations must be agreed with Atlas Copco and/or the manufacturer of the carrier machine prior to fitting.

# No compromises as regards productivity



## Connection hoses

- Designed to withstand the strains of demolition work.
- Protected against chafing by a spiral steel wire.



## One job, one part number

- Minimizes downtime – One-off repairs rather than multiple interventions.
- Keep your maintenance cost budget low – Most cost-effective solution.
- Saves time and costs finding and ordering individual items.

Hydraulic compactors	Connecting hoses	Length mm	Additional fitting kit for every hydraulic compactor *	Cap nut
HC 103	3361 3535 51	1750	3363 0982 86	15 L (M 22x1.5)
HC 103	3363 0859 46	2100	3363 0982 86	15 L (M 22x1.5)
HC 308	3361 3535 51	1750	3363 0982 86	15 L (M 22x1.5)
HC 308	3363 0859 46	2100	3363 0982 86	15 L (M 22x1.5)
HC 409	3360 3322 94	2300	3363 0982 87	25 S (M 36x2)
HC 409	3363 0859 47	2800	3363 0982 87	25 S (M 36x2)
HC 920	3360 3322 94	2300	3363 0982 87	25 S (M 36x2)
HC 920	3363 0859 47	2800	3363 0982 87	25 S (M 36x2)
HC 2040	3360 9923 40	2300	3363 0982 88	30 S (M 42x2)
HC 2040	3361 8538 59	2800	3363 0982 88	30 S (M 42x2)
HC 2041	3360 9923 40	2300	3363 0982 88	30 S (M 42x2)
HC 2041	3361 8538 59	2800	3363 0982 88	30 S (M 42x2)

<sup>1)</sup> Fitting kits are required to connect the hoses to the hydraulic compactors

Hydraulic compactors	Rubber buffer	Vibrating plate, comp.
HC 103	3376 6890 32	-
HC 308	3376 6900 32	-
HC 409	3376 6910 32	-
HC 920	3376 6920 32	3376 6920 35
HC 2040	3376 6930 32	3376 6930 35
HC 2041	3376 6930 32	3376 6930 35

Use only original components.

Damage or malfunction caused by the use of non-permitted components will not be covered by the guarantee or product liability.