

Atlas Copco HC Hydraulic Compactors

# Compaction using hydraulic compactor attachments



*Sustainable Productivity*



# HC Hydraulic Compactors

Hydraulic compactors are designed for a wide range of applications. The main uses for this range of products include compacting soil, trenches and embankments, as well as driving in and pulling out posts and formwork. Machine-driven soil compactors work quickly and economically and are easy to operate.

## Compactors as attachments

Quiet and safe: A compactor attachment creates little noise and offers added safety benefits, particularly when used in trenches, as there is no longer any need for someone to stand directly in the workspace.

Calm and effective: Both the operator and the surrounding environment remain unaffected by the vibrations of the working equipment. There are no restrictions on the period of use per working shift.

Easy positioning: Optional continuous slewing gear makes it easier to position the compactor. 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.

Fast and safe thanks to dozer blades: These optional blades will make the compactor even easier to use. They level off the path so that work can progress smoothly and protect against any material being thrown up.

## INSTANTLY READY FOR USE AND COST-EFFECTIVE

Up and running quickly: no special installation is required on the carrier machine.

## VIRTUALLY ZERO-MAINTENANCE

Permanent lubrication of the bearings using PermanentLube as standard means that the compactor is virtually zero-maintenance. No more interruptions to work from manual or insufficient lubrication.

## IMPROVED FORCE DISTRIBUTION, REDUCED WEAR

The suspension bracket is offset by 15°. As a result, the force is better distributed across the plate. This means less stress on the compactor during operation and reduced wear.

## VERSATILE

Compactors can be fitted to standard adapter plates and quick-change systems.



## OVERLOAD PROTECTION

The integrated flow rate and pressure control ensures safety, as hydraulic overloading of the compactor is not possible. This is an added bonus when it comes to safety and saving time, especially when using the compactors with different carrier machines.



## HYDRAULIC COMPACTORS

		HC 150	HC 350	HC 450	HC 850	HC 1050	HC 1055
Carrier machine class <sup>1)</sup>	t	1-3	3-8	4-9	9-20	20-40	20-40
Operating weight <sup>2)</sup>	kg	160	320	430	880	1130	1135
Oil flow	l/m	30	57	76	114	151	189
Operating pressure	bar	150	150	150	150	150	150
Force	t	1.4	2.3	3.6	7.3	10.5	11.4
Frequency	n/min	2.100	2.100	2.200	2.200	2.200	2.200
Plate dimensions (L x W)	mm	295 x 721	475 x 846	610 x 929	710 x 1,272	864 x 1,364	864 x 1,364
Work area	m <sup>2</sup>	0.17	0.31	0.40	0.68	0.90	0.90
Height	mm	486	623	622	764	786	786
Part number		1826 1017 46	1826 1017 47	1826 1017 48	1826 1017 49	1826 1017 50	1826 1017 51

1) Weights only apply to standard carrier machines. Any deviations must be agreed with Atlas Copco and/or with the manufacturer of the carrier machine prior to fitting  
2) With standard connector piece and socket tool.

## HOLE PATTERNS

Hydraulic compactors have the same hole patterns as the corresponding Atlas Copco connector pieces.

COMPACTOR	CONNECTOR PIECES
HC 150	SB 102
HC 350	SB 202
HC 450	SB 202
HC 850	MB 750-MB 1000
HC 1050	MB 1200-MB 1700
HC 1051	MB 1200-MB 1700

## SLEWING GEAR AS ADD-ON KIT

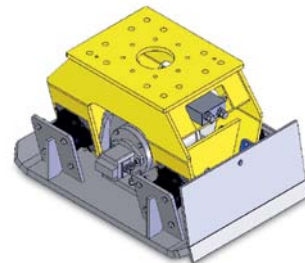
MODEL	SLEWING GEAR	WEIGHT (kg)	CONNECTION KIT
HC 350	1826 1016 44	80	3376 6960 37
HC 450	1826 1016 44	80	3376 6970 37
HC 850	1826 1016 44	80	3376 6980 37
HC 1050	1826 1016 45	80	3390 6990 37
HC 1055	1826 1016 45	80	3390 6990 37

## Possible applications

- Compacting trenches
- Compacting soil
- Compacting embankments
- Driving in and pulling out formwork, sheet piling and posts

## DOZER BLADES

MODEL	DOZER BLADE KIT
HC 350	3376 6961 08
HC 450	3376 6971 08
HC 850	3376 6981 08
HC 1050	3376 6991 08
HC 1055	3376 6991 08



### Connecting hoses

- Specially designed to cope with the loads occurring during construction and demolition work
- Protected against damage from scuffing with the aid of special steel coils

### CONNECTING HOSES

	HC 150	HC 350	HC 450	HC 850	HC 1050	HC 1055
Hoses 1,750 mm	3361 3535 51		-		-	
Hoses 2,100 mm	3363 0859 46		-		-	
Hoses 2,300 mm	-		3360 3322 94		3360 9923 40	
Hoses 2,800 mm	-		3363 0859 47		3361 8538 59	
Additional screw fittings set for each compactor*	3363 0982 86		3363 0982 87		3363 0982 88	
Cap nuts for carrier machines	15 L (M22x1.5)		25 S (M 36x2)		30 S (M 42x2)	

\* Screw fittings are required to connect the hoses to the HC.



### Just one part number for each maintenance job

- Reduced downtime – perform repairs once instead of multiple times
- Low maintenance costs – always the cost-effective solution
- Saves time and money when looking for and ordering individual items

MODEL	RUBBER BUFFER SET	STICKER KIT
HC 150	3376 6950 36	3376 6950 31
HC 350	3376 6900 32	3376 6960 31
HC 450	3376 6910 32	3376 6970 31
HC 850	3376 6920 32	3376 6980 31
HC 1050	3376 6930 32	3376 6990 31
HC 1051	3376 6930 32	3376 6991 31

