

HC HYDRAULIC COMPACTORS

Compacting soil, trenches and embankments
with attachment compactors.



Atlas Copco



Compactor attachments

Hydraulic compactors are designed for 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 rotation device 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 rotation device.

Fast and safe thanks to backfill 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.



Our features make the difference

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 maintenance-free. No more interruptions to work from manual or insufficient lubrication.

Versatile

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



Improved force distribution, reduced wear

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

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.

Technical information

Hydraulic Compactors

Technical data		HC 150	HC 350	HC 450	HC 850	HC 1050	HC 1055
Carrier weight class ¹	lbs	2,200–6,600	6,600–17,600	8,800–19,800	19,800–44,000	44,000–88,200	44,000–88,200
Service weight ²	lbs	353	705	948	1,940	2,491	2,502
Height	inch	19.13	24.53	24.49	30.08	30.94	30.94
Plate dimensions (W x L)	inch	11.61 x 28.39	18.70 x 33.30	24.02 x 36.57	27.95 x 50.08	34.02 x 53.70	34.02 x 53.70
Plate coverage	in ²	263.5	480.5	620.0	1,054.0	1,395.0	1,395.0
Vibrating force	lbf	3,086	5,071	7,937	16,094	23,149	25,133
Vibrating frequency	1/min	2,100	2,100	2,200	2,200	2,200	2,200
Operating pressure	psi	2,176	2,176	2,176	2,176	2,176	2,176
Oil flow	USGal/min	8	15	20	30	40	50
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 1055	MB 1200–MB 1700

Possible applications

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

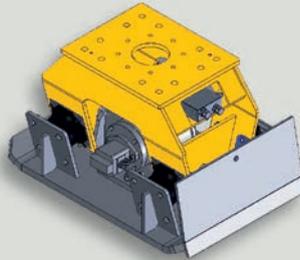
Rotation device as add-on kit

Model	Rotation device	Weight (lbs)	Connection kit
HC 350	1826 1016 44	176.34	3376 6960 37
HC 450	1826 1016 44	176.34	3376 6970 37
HC 850	1826 1016 44	176.34	3376 6980 37
HC 1050	1826 1016 45	341.71	3376 6990 37
HC 1055	1826 1016 45	341.71	3376 6990 37



Backfill blades

Model	Backfill blade kit
HC 150	3376 6951 08
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 39.37 in	3363 1169 17		–		–	
Hoses 59.05 in	3363 1154 22		–		–	
Hoses 68.89 in	3361 3535 51		–		–	
Hoses 82.67 in	3363 0859 46		–		–	
Hoses 90.55 in	–		3360 3322 94		3360 9923 40	
Hoses 110.24 in	–		3363 0859 47		3361 8538 59	
Additional screw fittings set for each compactor ¹	3363 0982 86		3363 0982 87		3363 0982 88	
Cap nuts for carrier machines	15 L (M 22x1.5)		25 S (M 36x2)		30 S (M 42x2)	

¹ Screw fittings are required to connect the hoses to the HC.

Service kits, fluids



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 isolator kit	Label kit
HC 150	3376 6950 32	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 1055	3376 6930 32	3376 6991 31

Seal kits hydraulic motor

Model	Seal kit
HC 150	3376 6950 36
HC 350	3376 6900 36
HC 450	3376 6910 36
HC 850	3376 6920 36
HC 1050	3376 6920 36
HC 1055	3376 6920 36

Cobra & Compactor ImpactOil

Features

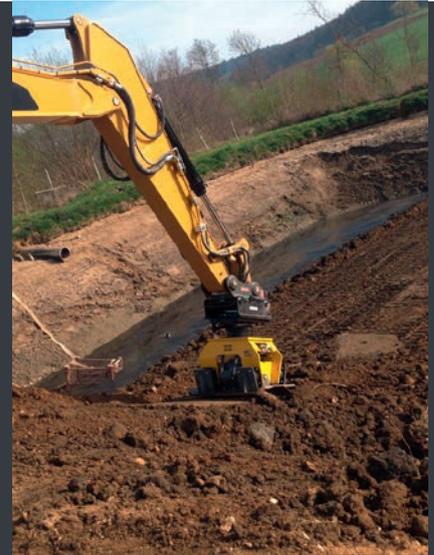
- › Reduces the risk of scoring and abrasion
- › Reliable protection against wear and corrosion
- › High oxidation stability

Benefits

- › Reduced maintenance cost
- › Optimized machine lifetime



Cobra & Compactor ImpactOil	Part No.
0.26 gal eccentric oil	9234 0012 03
20 x 0.26 gal eccentric oil	9234 0014 05



COMMITTED TO SUSTAINABLE PRODUCTIVITY

We stand by our responsibilities towards our customers,
towards the environment and the people around us.
We make performance stand the test of time.
This is what we call – Sustainable Productivity.

www.atlascopco.com

The Atlas Copco logo consists of the company name in a stylized, italicized serif font, centered between two horizontal bars. The top bar is a solid teal color, and the bottom bar is a white bar with a teal border.

Atlas Copco