

Specifications



Hydraulic Drifters | HC Series product range

Drifter	Weight (kg)	Overall length (mm)	Hole range (mm)	Shank adapter	Application
HC 20	69	679	26 - 51	Hex 25 x 108 Hex 22 x 108 Female R25 Female R32	Bolting - Benching Bolting - Benching Bolting - Benching Bolting - Benching
HC 25	71	702	32 - 51	Female R32 Male R32 Male R38	Bolting - Benching Bolting - Benching Bolting - Benching
HC 50	102	830	32 - 51 38 - 89	Female R25 Female R28 Female R32 Male R32 Male R38 Male T38	Bolting Bolting Bolting Tunneling - Benching Tunneling - Benching Tunneling - Benching
HC 109	142	1095	48 - 102	Male R38 Male T38 Male T45	Tunneling - Benching Tunneling - Benching Tunneling - Benching
HC 109 RP	170	1288	76 - 102	Male T45 Male T51	Tunneling - Benching - Long hole Tunneling - Benching - Long hole
HC 110	201	1244	48 - 89	Male T38 Male T45	Tunneling - Benching
HC 110 RP	229	1464	48 - 89	Male T38 Male T45	Tunneling - Benching
HC 150	157	1242	64 - 102	Male R38 Male T38 Male T45	Tunneling - Benching Tunneling - Benching Tunneling - Benching
HC 150 RP	190	1435	76 - 115	Male T45 Male T51	Tunneling - Benching - Long hole Tunneling - Benching - Long hole
HC 160 RP	320	1525	89 - 127	Male T51	Benching - Long hole
HC 200 A-RP	418	1646	89 - 127 102 - 152	Male T51 Male T60	Benching - Long hole Benching - Long hole

RP : Hydraulic Reverse Percussion



Montabert: an international presence in more than 100 countries.
Optimize the performance of your demolition accessories by contacting our network which is designed to support our products. The Montabert network will provide you with expertise during implementation, maintenance with original spare parts, technical assistance and training.

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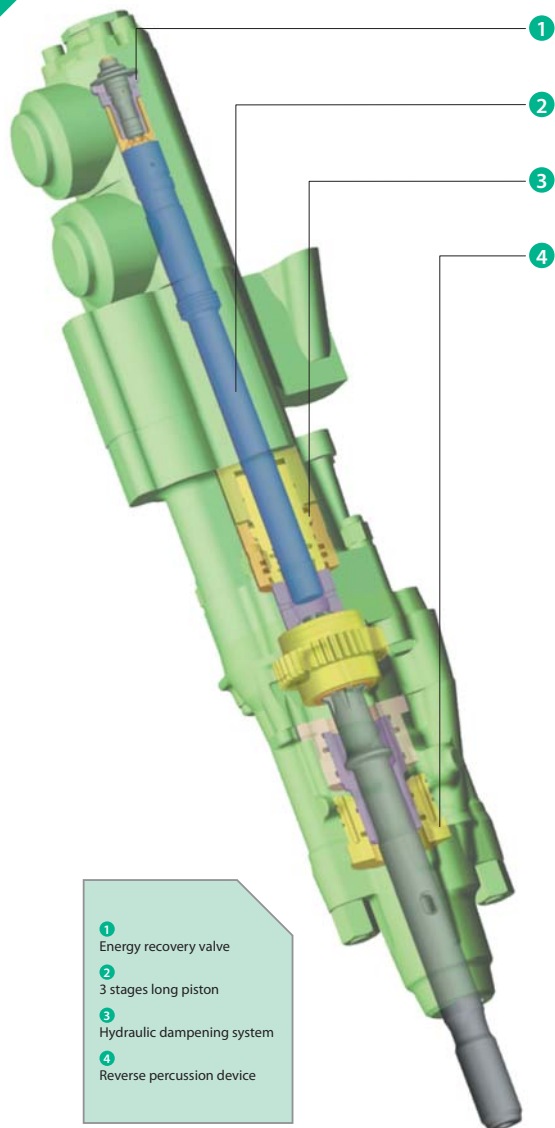
Optimize your operation cost

Montabert drifters are the results of years of experience in hydraulic rock breakers and drifters design and manufacturing.

Deep knowledge in shock wave transmission and percussion mechanism theory have allowed Montabert engineers to be the first to develop new concepts such as hydraulic dampening and progressive blow energy.

Close relationship between manufacturing and engineering, ultra modern machining tools, sophisticated heat treatment workshop in our Saint-Priest plant, are some of the key points allowing Montabert to propose hydraulic drifters which are worldwide recognized to be the reference in :

- HIGH PERFORMANCES
- BEST RELIABILITY
- LONG MAINTENANCE INTERVALS
- LOW TOOL CONSUMPTION



- 1 Energy recovery valve
- 2 3 stages long piston
- 3 Hydraulic dampening system
- 4 Reverse percussion device

Progressive Blow Energy

The unique design of the piston generates a perfect, long shock wave of a trapezoidal shape:

- better transmission of energy at the couplings
- minimum stress into the drilling rods
- better bit penetration

Hydraulic Dampening System

The action of the dampening piston, not only absorbs the lost part of reflected energy but ensure a constant, thrust onto the tools:

- optimum shock wave transmission
- protection of the drifter and tools
- reduced vibrations

Energy Recovery Valve

This valve allow the piston rebound energy to be utilized for the next blow, giving a definite advantage to the HC series drifters:

- better efficiency
- no internal peak of pressure source of cavitation
- best drifter protection

Hydraulic Reverse Percussion

The optional hydraulic reverse percussion system insure a real back hammering:

- tool extraction in fractured ground
- no rods left in the hole

Straight Holes Drilling

When associated with Montabert drilling automatics

