

Montabert®

Micro CPA II



**For any application requiring drilled holes in the
26-76 mm (1" - 3") range**



- without any modification that needs to be done to the carrier (only an electric cable has to be installed along the boom in addition to the existing hydraulic lines),
 - requiring only 55-70 l/min @ 180 b,
 - able to accept up to 15 bar back-pressure in the carrier return line,
 - radio remotely controlled,
 - light weight,
 - ready to drill as soon as installed onto the machine:
- the micro CPA can easily be installed on mini's and backhoe loaders, offering lot of new job opportunities such as foundation drilling, soil nailing, etc...

Can be quickly removed, making the machine available for digging or loading without limitation, thus, avoiding the use of different specialized machines making the site organization easiest.

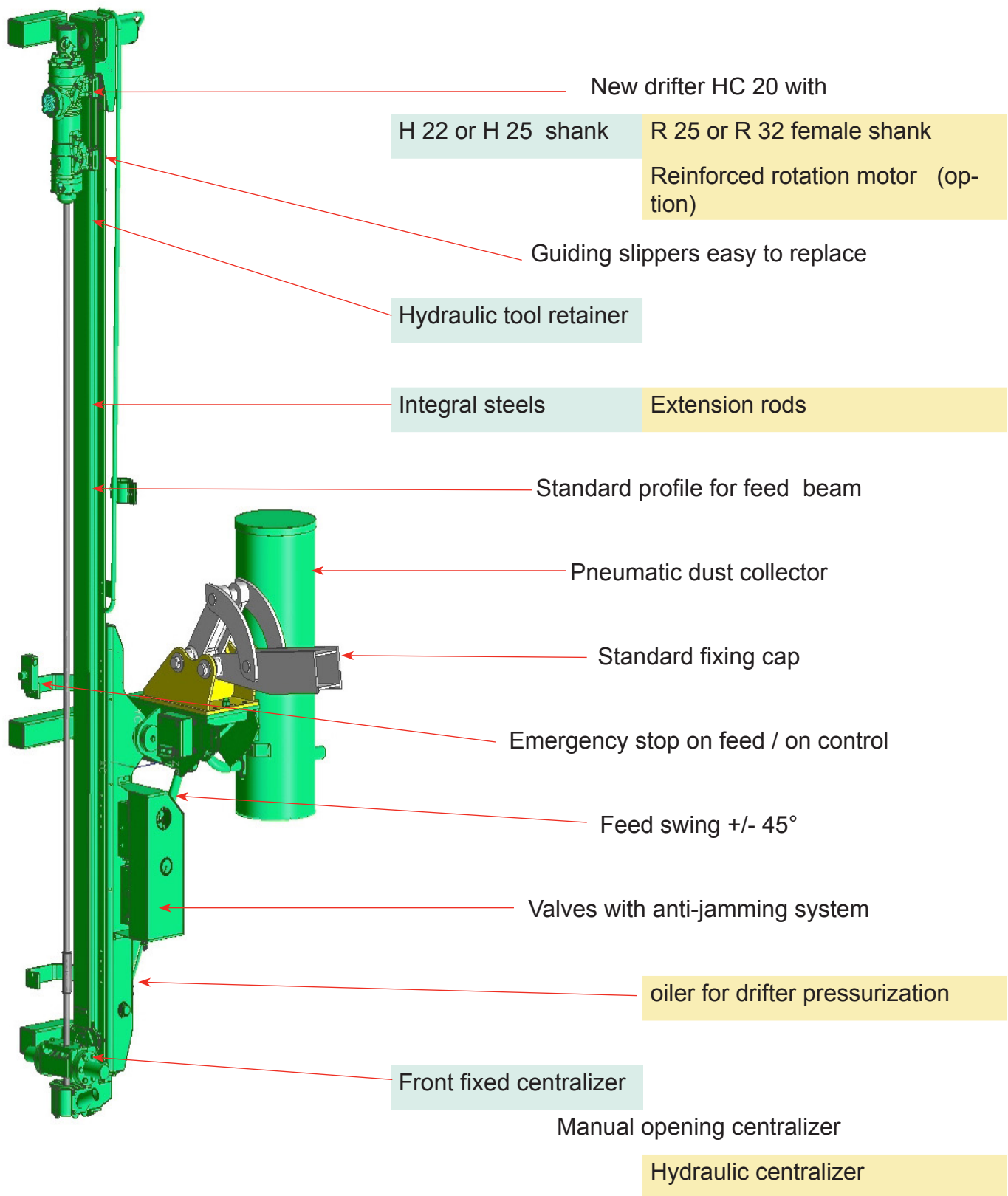
The combination of the micro CPA and a small size excavator makes it much better adapted to the work in urban areas, in small construction sites or those with difficult access than a conventional machine, bigger and difficult to transport.

The micro CPA can also be used for special application. Thanks to its light weight design, it has made possible, for some companies specialized in soil reinforcement, to study its adaptation on machines with telescopic or extra long reach booms.

Whatever is the job, there is a micro CPA for it !

With numerous available options, the micro CPA can always match your needs:

- drifter HC 20 can be equipped either with hexagonal shank H22 - H25 or with R25 - R 32 shank adaptor
- 2 different rotation motor are proposed 100 cm³ - 200 Nm as standard, 160 cm³ - 320 Nm for bolting
- 3 different rod guide :
 - fixed centralizer for hex 22- 25 or R 32 for single pass drilling
 - manual opening centralizer
 - hydraulic clamp - centralizer for drilling with extension rods
- air or water flushing (water flushing only with R 25- R 32)
- with or without dust collector.

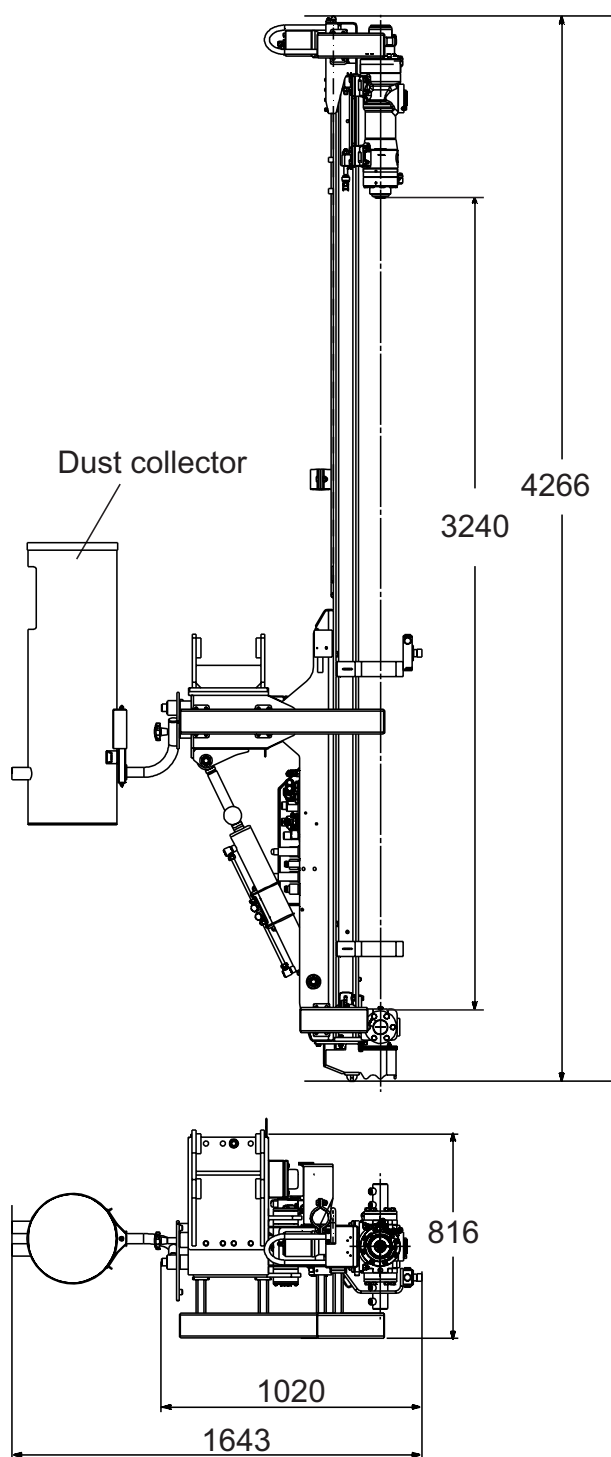


HC 20 drifter
hexagonal chuck + hydraulic tool retainer



Front centralizer
fixed opening manual opening hydraulic





MICRO CPA

Drifter type HC 20

Percussion flow	l/min	40
Percussion pressure	bar	130-150
Frequency	Hz	47
Energy per blow	J	85
Percussion power	kW	4
Rotation motor		100
Rotation flow	l/min	20 - 25
Rotation pressure	bar	165
Rotation torque	Nm	210
Rotation speed	rpm	180-250

Drilling characteristics

Type of rod		H22-H25	R25- R32
Hole diameter	mm	26 to 76	
Rod length	mm	3200	3050
Drilling length (single pass)	mm	2900	2735
Air flushing pressure	bar	7 to 10 max	
Air flushing flow	m³/min	1.5 to 2.7	
Front guide lub pressure	bar	0.7	
Front guide lub air flow *	l/min	200 * for model R25-R32	

CPA characteristics

Length	mm	4266
Width	mm	1020
Height	mm	816
Weigth (without option)	kg	470
Type of control		Radio remote
Feed swing		+/- 45°

Carrier characteristics

Weigth	ton	5 to 10
Minimum requested power	kW	22
Minimum flow	l/min	55 to 70
Minimum pressure	bar	180

Options

Pneumatic dust collector	need 1200 to 1500 l/min @ 8 bar		
Mechanical quick coupling	need mechanical kit		
Hydraulic quick coupling	need mechanical kit		
Drifter shank female R25 -R32			
Manual opening centralizer			
Hydraulic centralizer			
Hydraulic kit			
Mechanical fixing kit			

Accessories

Diesel air compressor	Type 7/31 - 3 m³/min @ 8.6 b
-----------------------	------------------------------

Montabert : present in the world market in more than 100 countries. Optimize the performance of your drilling attachments by contacting our experienced network to deal with your queries. Montabert will provide you with its expert knowledge at the time of start-up, as well as advice on maintenance with original spare parts, technical support and training.

Your distributor :



MONTABERT SAS - 203, route de Grenoble - 69800 Saint Priest, France - tel : +33-(0)4 72 22 97 97 - fax: +33-(0)4 72 22 97 56

montabert marketing@diattachments.com / www.montabert.com

Nothing contained in this brochure is intended to extend any warranty or representation expressed or implied, regarding the products described herein. Any such warranties or other terms and conditions of sale products shall be in accordance with Montabert standards terms and conditions of sales for such products, which are available upon request. Specifications and machines can be modified at any time and without notice.

© 2010 by Montabert SAS