

FLEXIMASTER

Excavator Drilling Attachment



The excavator drilling attachment "Fleximaster" is the ideal tool for drilling holes in locations not normally possible with traditional, purpose built drilling rigs and for applications where the amount of drilling required does not justify the capital expenditure for a dedicated piece of equipment.

When supplied with a quick Hitch, the bucket can be quickly removed and the "Fleximaster" attached in it's place using the hydraulic beaker system for power.

The "Fleximaster" comes in two sizes, the standard version is suitable for excavators larger than 15 tons and the "Mini-Fleximaster" is suitable for excavators in the 8-15 ton range. A separate compressor is required to provide air for flushing

Application / Equipment **Light duty**

- Excavator Range; 8-15 t
- Drill hole diameter: 030—57 mm
- Drill mast BDS-600
- Drill mast bracket and Crowd cylinder (Stroke approx.500 mm)
- Excavator bracket with Swinging cylinder (approx. 20° each side)
- Drilling mast assembled hydraulic panel for all functions remotely controlled via coaxial cable or radio control.
- Hydraulic Rockdrill MR40 (Hex drill steel 22 mm) or HD 65 (Shank adaptors R25-32)

Special equipment

- Hydraulic Clamping device for Extension drilling
- Dust collector

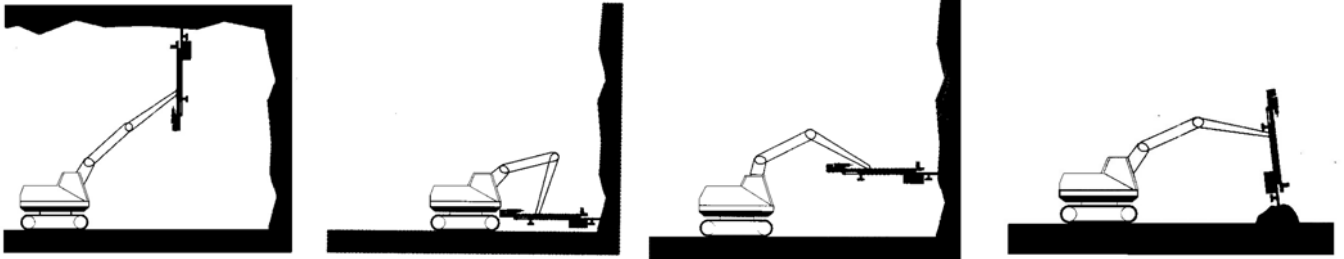
Application / Equipment **Heavy duty**

- Excavator Range; 15 ton plus
- Drill hole diameter 64-108 mm
- Drill mast bracket and Crowd cylinder (Stroke approx. 1000 mm)
- Aluminum-Feeder BDS-7000 with Rockdrill Mounting slide
- Excavator bracket with Swinging cylinder (approx. 15° each side)
- Drilling mast assembled hydraulic panel for all functions Remotely controlled via coaxial cable or radio control.
- Hydraulic Rockdrill HD150 (Shank adaptors R32-HM38) or HD155 (Shank adaptors HM38-HM51)

Special equipment

- Hydraulic Clamping device for extension drilling
- Single rod adding system for extension drilling
- Various dust collectors (dependent on the drill hole diameter)
- Hydraulic rotary actuator for moving feeder through 360 degrees.

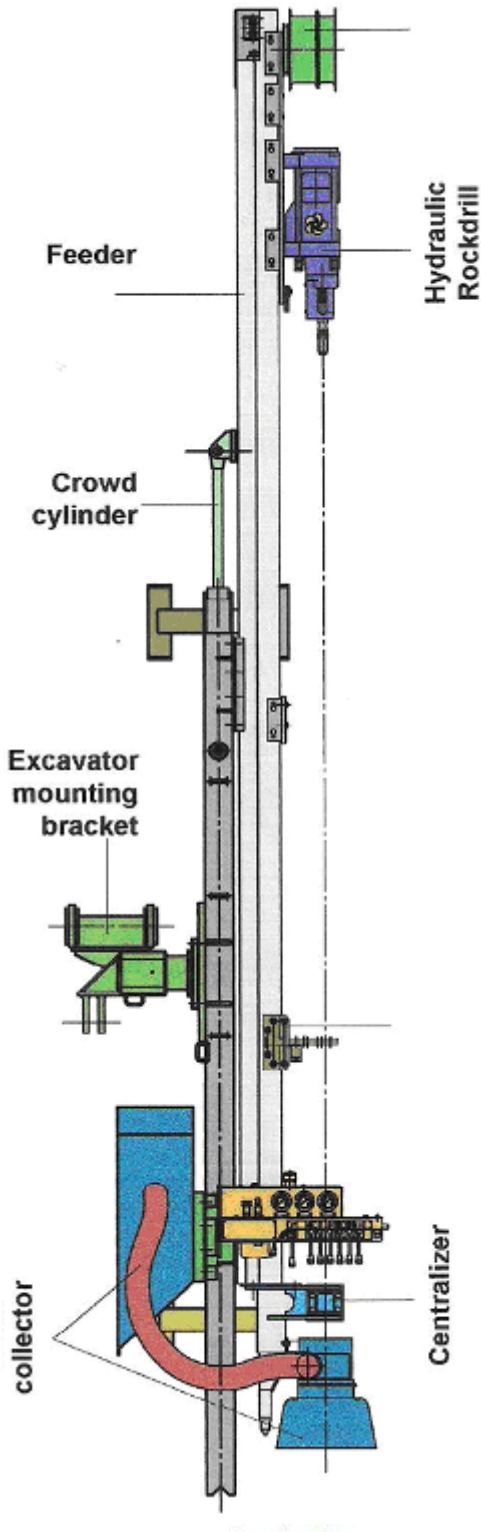




Most different operating positions permit a universal use of the Fleximaster-Excavator Drilling Attachment.



Example of a “Fleximaster” being used to drill holes in location not possible with conventional drilling equipment



BDS-600 feeder with MR40 rockdrill			
Drill rod length mm	Feeder total length mm*	Feeder (travel) mm	Weight kg**
1800	2620	1510	
2400	3220	2110	185
3050	3870	2760	196

BDS-600 feeder with HD65 rockdrill			
Drill rod length mm	Feeder total length mm*	Feeder (travel) mm	Weight kg**
1800	3075	1550	201
2400	3675	2150	211
3050	4325	2810	222

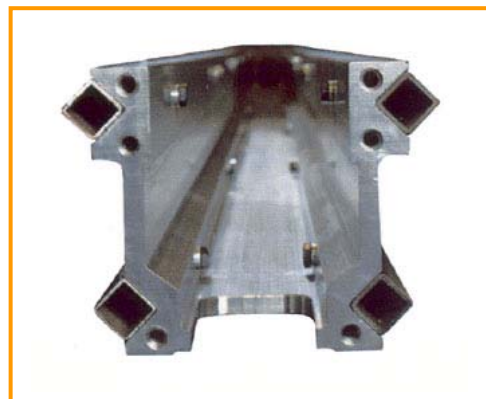
BDS-7000 feeder with HD150 rockdrill			
Drill rod length mm	Feeder total length mm*	Feeder (travel) mm	Weight kg**
3050	4740	2830	615
3660	5340	3430	640

BDS-7000 feeder with HD155 / HC 109 rockdrill ***			
Drill rod length mm	Feeder total length mm*	Feeder (travel) mm	Weight kg**
3050	4740	2830	630
3660	5340	3430	655

* For single pass drilling

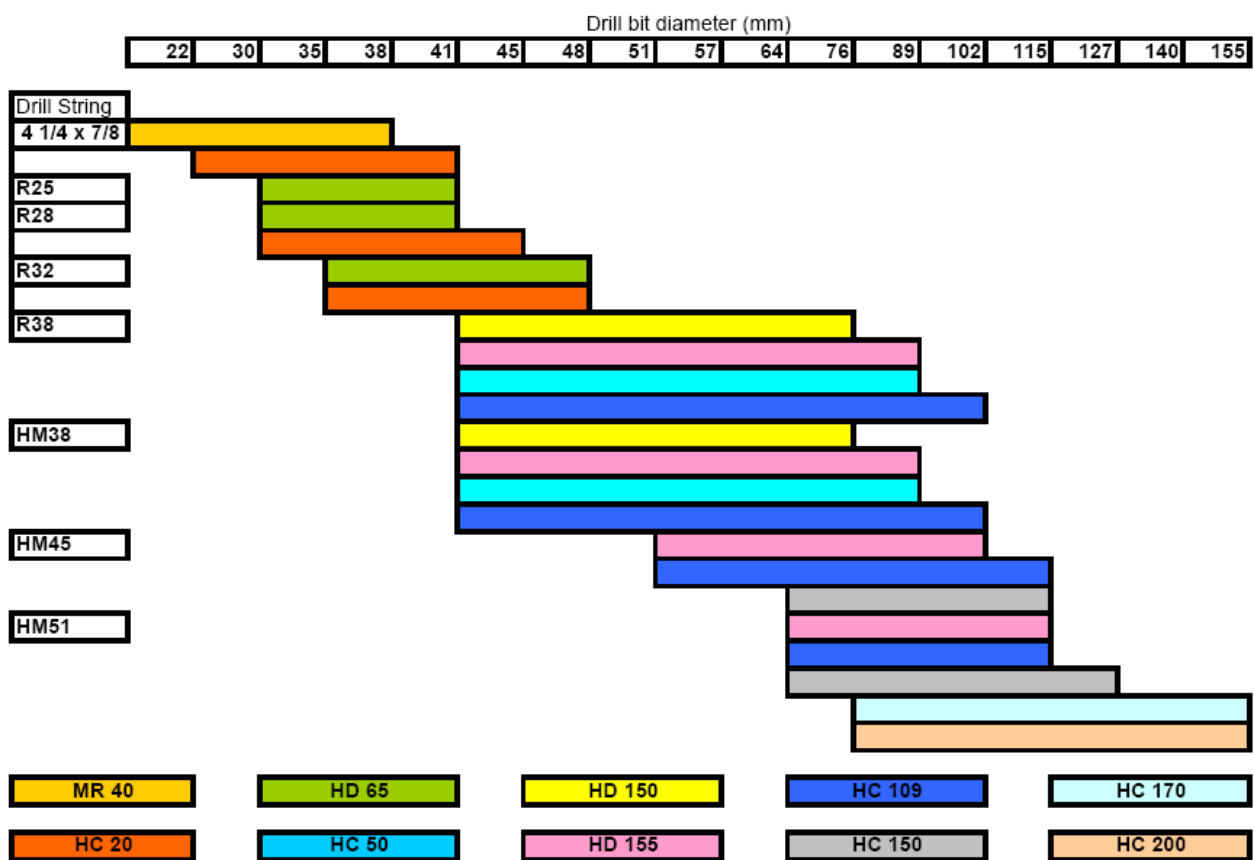
** Not including hoses, etc.

*** Design with HC 150 / HC 170 / HC 200 upon request.



BDS-7000 feeder section

Each of the light and heavy duty versions of the Fleximaster can be fitted with different hydraulic rock drills whose weights vary between 44 and 165 kg. High percussion energy and frequency ensure a fast penetration rate in all types of rock provided the carrier is able to produce the hydraulic pressures and volumes required. The choice of hydraulic hammer depends on hole diameter and depth (see the selection table below).



Examples of Application



“Ischebeck” – Anchor drilling



“Fleximaster” – electric remote control



“Blockmaster”



Mini – “Fleximaster”