

**MODEL No. HD13/FF HAMMER DRILL (MADE IN ITALY)**

**FEATURES**

Hydraulic hammer drill weighing only 13kg for concrete and masonry with standard bit attachment SDS MAX (Kango type). Light, compact and powerful in all drilling works where performance, manoeuvrability and safety matter.

The hydraulic function is quiet and safe, allowing the tool to be used completely submerged in water. The operator can also be inside a wet trench with mud which is very dangerous and prohibited with electric tools. HD13 is very robust and it is constantly lubricated by the oil that powers it, this gives a long operative life and an unmatched reliability. For these characteristics it is often an irreplaceable tool for maintenance of gas and water utilities lines as well as under water works.

- Anti vibration handle conforms with new CE regulations allows operator comfort and safety
- Tool can work at flow 20 or 30 L/min (to be specified at order)
- Few moving parts constantly lubricated by oil assure reliability and operative longevity
- High tolerance to back pressure allows use with very long hoses
- Adjustable side handle
- The Standard bit attachment SDS MSX (Kango type) allows a wide availability of accessories that can be bought locally
- Includes flush face couplers (FF)

**TYPICAL USERS**

- Utilities for concrete power pole
- Gas and water companies
- Mining and works in tunnels or in explosive atmospheres
- Rescue civil protection
- Defence military sector
- Works in critical situations
- Under water works



**SUBMERSIBLE**



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**SPECIFICATIONS**

Details & Performance	
Model No.	<b>HD13/FF</b>
Bit Attachment Type	Kango Hex (SDS MAX)
Bit Rotation Speed (RPM)	400
Percussions/Min	2,000 x Min
Drilling Capacity min-max	
(mm OD)	9-50
Ideal Drilling Range (mm OD)	19-32
Std Bits Drilling Depth (mm)	450
Hydraulic	
Flow (lpm)	20-30
Ideal Flow (lpm)	20
Pressure Max. (Bar)	140
Tolerable Back Pressure Max (Bar)	10
Physical Characteristics	
Weight (kg)	13
Length (mm)	180
Width (mm)	160
Height (mm)	500

