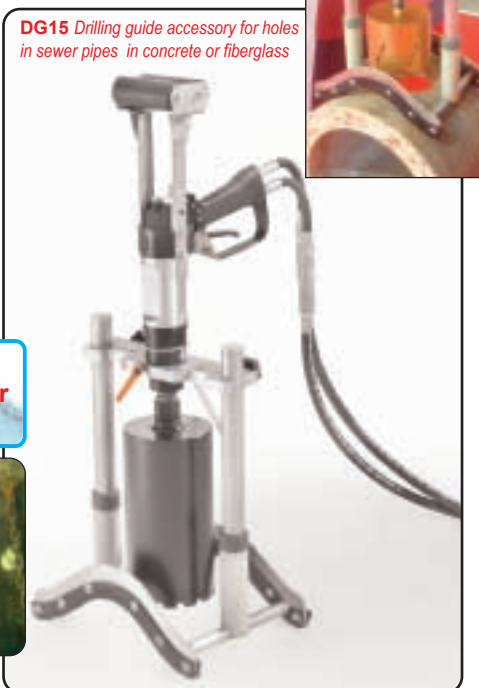


AK46 S Hydraulic pistol core drill for holes \varnothing 30 - 100 mm

AK46 G Hydraulic pistol core drill for holes \varnothing 80 - 160 mm



DG15 Drilling guide accessory for holes in sewer pipes in concrete or fiberglass

Available in underwater version

AK46 is a hydraulic core drill designed for manual use or for use with drill rigs.

Tool is available in two configurations

- **AK46 S** for holes from \varnothing 30 a 100 mm
- **AK46 G** for holes from \varnothing 80 a 160 mm

The hydraulic functioning and the superior technical characteristics assure a series of advantages not obtainable from traditional electric core drill tools:

- Impossibility to cause electric shocks, can work even in complete water immersion
- Absence of vibration and noise
- Unbeatable ratio weight / power / dimension
- Long operative life and minimal maintenance needs
- Hydraulic motor cannot be damaged even in case of prolonged block of rotation or overload (condition that will damage electric tools)

AK46 is in many conditions the unique alternative to traditional electric tools, it is ideal in the maintenance of gas, water, sewers networks, irreplaceable when is needed to creates a pipe passage through walls of historical buildings that cannot undergo to vibrations or in the use inside trenches with high water presence

ADVANTAGES

- Safety valve that automatically cuts rotation in case of block of the core beat, the valve avoids accidents deriving from tool recoil kicks and assuring a safe use when used manually
- ON / OFF trigger with "lock on" button for use of the tool on drill rigs
- Equipped with level gauge to show vertical / horizontal linearity of holes
- Construction in Ergal and stainless steel to guarantee lightness and durability
- Exclusive adjustable back handle allows feed pressure on the tool pushing with chest or knee
- Long side handle to allow secure rotation contrast

DG15 - Drilling guide

Accessory of AK 46 that allows to make manually, rapidly and safely large holes in sewers pipes in concrete or fiber glass, the shape is similar to a "sadle" that is placed on the curve of the pipes in any position, avoids to use and fix the normal drill rigs, the operator will simply push on the tool compressing the spring return pistons for working in complete safety. DG 15 is a time and complication savior tool, can be used also as accessory of common electric core drills.

TECHNICAL CHARACTERISTICS	AK46 S	AK46 G
CUT CAPACITY \varnothing mm	30 - 100	80 - 160
N° SPEED @ 20 L/min	1000 @ 20 L/min	400 @ 20 L/min
N° SPEED @ 30 L/min	1500 @ 30 L/min	600 @ 30 L/min
WEIGHT Kg	8 without handle	
DIMENSION LxPxH cm	40 x 9 x H 32	
DISTANCE BIT CENTRE TO WALL ANGLE cm	4,5	
ATTACHMENT OF CORE BIT	1-1/4" Standard (internal 1/2" BSP)	
FLOW L/min	20 - 30	
PRESSURE Bar	140 - 180	



AK50

HYDRAULIC CORE DRILL
for holes up to \varnothing 700 mm



Available in underwater version

La colonna non è fornita con l'utensile



AK50 is a hydraulic core drill tool designed for heavy duty drilling works for holes with diameters up to 70 cm, the tool is very robust and made with the best components and materials to assure an use simple reliable while giving the best performances.

In order to give a wide range of speeds and drilling capacity on **the tool can be installed six different hydraulic motor groups** that include the ON / OFF valve, the quick couplers and the quick coupling motor / shaft. The motors are orbital type this means zero maintenance and a long lasting use without problems, only the 20cc motor is gear type. The motor groups can be changed in few seconds just losing two screws and are equipped with a pressure relief valve that protects when tool is connected to the circuit of a machine with an excess of pressure.

AK50 does not require maintenance and will assure long lasting service without problems. **AVAILABLE IN UNDERWATER VERSION.**



• The complete tool



• The group motor - ON/OFF valve available in six size configurations of speed and hole diameter

TECHNICAL CHARACTERISTICS

WEIGHT Kg	13
DIMENSION LxH	54 x 22
ATTACHMENT OF CORE BIT	1-1/4" (interno 1/2" BSP)
FLOW L/min	30 - 38
PRESSURE Bar	120 - 200
MOTOR	12 Hp (@ 38 L/min - 140 Bar)
SPEED min - max	90 - 1750 giri/min
DIAM. HOLE min - max	30 - 700 mm

MOTOR TYPE Cubic Centimeters	AK50 SPEED - DIAMETER CHART HYDRAULIC MOTORS RANGE	
	SPEED @ 30 L/min HOLE \varnothing mm	SPEED @ 30 L/min HOLE \varnothing mm
20 cc code 43707	1400 rpm \varnothing 50 - 100 hole	1750 rpm \varnothing 30 - 60 hole
50 cc code 43712	690 rpm \varnothing 70 - 120 hole	780 rpm \varnothing 50 - 100 hole
100 cc code 43714	390 rpm \varnothing 110 - 250 hole	380 rpm \varnothing 100 - 180 hole
160 cc code 43713	180 rpm \varnothing 310 - 350 hole	220 rpm \varnothing 280 - 310 hole
200 cc code 43715	150 rpm \varnothing 410 - 600 hole	190 rpm \varnothing 290 - 400 hole
315 cc code 43716	90 rpm \varnothing 510 - 700 hole	120 rpm \varnothing 480 - 600 hole