

SECOROC KARISHMA 4

DOWN-THE-HOLE HAMMER



Designed specially for Water well application

Atlas Copco



SECOROC KARISHMA 4 DOWN-THE-HOLE HAMMER

The Karishma 4 DTH Hammer is an application specific tool. This hammer offers better penetration rates, longer service life and high level of reliability.

Design and function:

Designed to operate in 14 to 17 bar pressure range, the K4 hammer is primarily aimed for Water well application. Three Cross sectional piston provide this hammer a high level of reliability associated with longer service life.

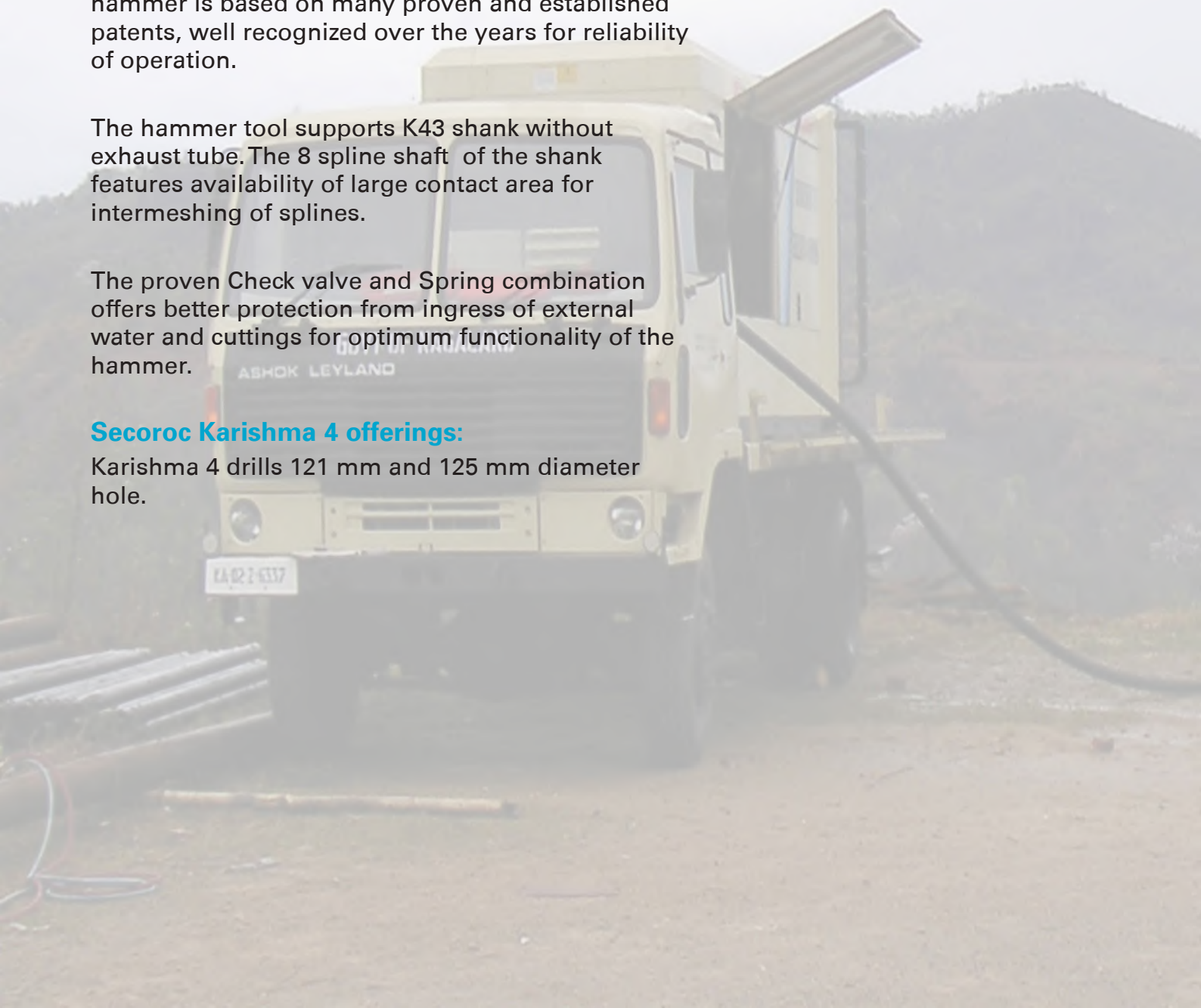
The Valve less air regulation employed in this hammer is based on many proven and established patents, well recognized over the years for reliability of operation.

The hammer tool supports K43 shank without exhaust tube. The 8 spline shaft of the shank features availability of large contact area for intermeshing of splines.

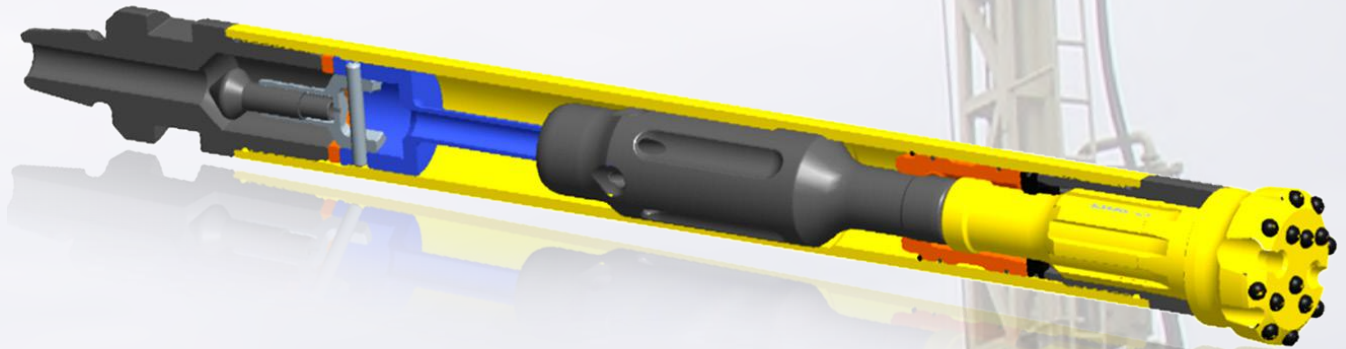
The proven Check valve and Spring combination offers better protection from ingress of external water and cuttings for optimum functionality of the hammer.

Secoroc Karishma 4 offerings:

Karishma 4 drills 121 mm and 125 mm diameter hole.



SECOROC KARISHMA 4 SPECIFICATIONS



General Specifications		
Drill pipe connection	API 2 3/8 in Reg. Pin	
Bit shank code / type	K43	
Length w/o bit shoulder to shoulder	978 mm	38.5 in
Length with bit extended	1087 mm	42.8 in
Length with bit retracted	1049 mm	41.3 in
Weight w/o bit	47 Kgs	103.6 lbs
Backhead across flats	74.5 mm	2.9 in
Rec. bit size	121mm & above	4.7 in & above
Outside diameter	107 mm	4.2 in
Piston weight	9.5 Kgs	20.9 lbs
Maximum Operating Pressure	17 bar	250 psi

Karishma 4 Hammer		
Product no.	Product code	Connection
93501897	9704-03-71-00-H1210580	API 2 3/8 in Reg. Pin

Air Consumption	
Pressure	I/s (Scfm)
10 bar/145 psi	107 (227)
15 bar/217 psi	160 (338)
17 bar/250 psi	182.4 (386.5)

Bits	Product No.	Product Code	Number of button x button diameter, mm, shape	
			Gauge Buttons	Front Buttons
121 mm, Flat front	93010028	100-5121-74-1219,33-12	8 x 14.5, Spherical	6 x 14.5, Spherical
125 mm, Flat front	88053236	-	8 x 14.5, Spherical	6 x 14.5, Spherical

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We stand by our responsibilities towards our customers,
towards the environment and the people around us.
We make performance stand the test of time.
This is what we call – Sustainable Productivity.

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The Atlas Copco logo consists of the brand name 'Atlas Copco' in a stylized, italicized serif font. It is centered between two horizontal blue bars of equal length.