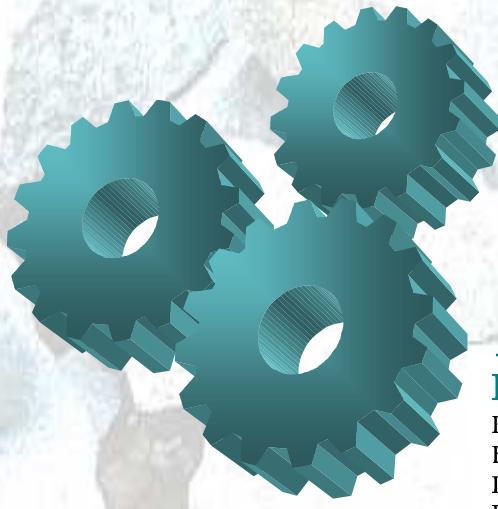


## Hi-Tech 4M DTH Hammer

HI-TECH



### Hi-TECH GROUP OF INDUSTRIES

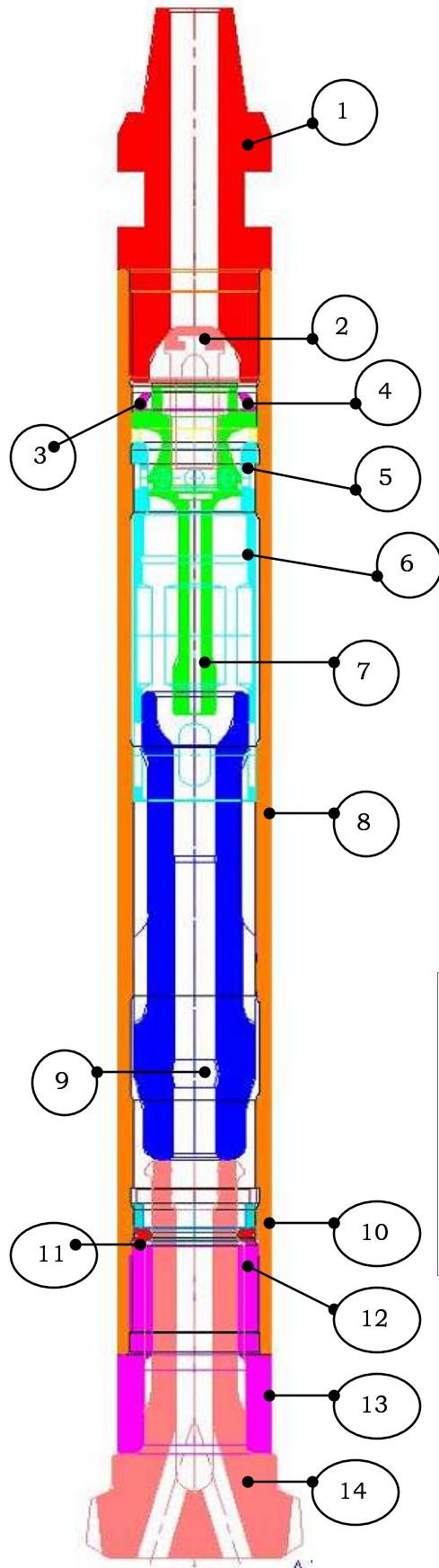
Regd. Office: Plot #V-34A, 7<sup>th</sup> Main, 2<sup>nd</sup> Stage, Peenya Industrial Area,  
Bangalore – 560058, India

Phone: 0091-80-28361397, 28361423, 28362870 Fax: 0091-80-28363597, 41177860

E-mail: [sumanth@hi-techcluster.com](mailto:sumanth@hi-techcluster.com), [sumanth26@hotmail.com](mailto:sumanth26@hotmail.com), [hi\\_techpneum@vsnl.net](mailto:hi_techpneum@vsnl.net)

Website: [www.hi-techcluster.com](http://www.hi-techcluster.com)

# TECHNICAL SPECIFICATIONS



## Hi-Tech 4M Valveless Hammer – HTM400

The HTM 400 is valveless DTH Hammer designed for drilling 115mm - 130mm (4½" - 5⅛") dia. holes over wide range of operating air pressures. HTM400 hammer maintains excellent operating pressure over an extended service life and overall is the tool you require to get the maximum out of all your equipment. This hammer can be used for Blast hole, Underground Mining, Environmental, Exploration, Construction, and geothermal applications.

The HTH 400 is supplied with a 2<sup>3</sup>/<sub>8</sub>" API REG. pin Backhead, as standard but other connections are available on request.

### COMPONENT PARTS

Sl No	Description	Part Number
0	Complete Hammer	HTM400
1	Back Head	HTM402
2	Check Valve	HTM407
3	Spacer 1	HTM413
4	Spacer 2	HTM414
5	Spacer 3	HTM411
6	Liner	HTM406
7	Control Tube	HTM418
8	Wear Sleeve	HTM401
9	Piston	HTM404
10	Circlip	HTM415
11	Bush	HTM412
12	Bit Retainer	HTM410
13	Chuck	HTM403
14	Bit	HTMB400

### HAMMER SPECIFICATIONS

1.	Diameter	98.0 mm
2.	Hole Range	115.0 mm - 130.0 mm
3.	Bore	78.22 mm
4.	Hammer Weight	38.0 kg
5.	Length Shoulder to Shoulder	1032.0 mm
6.	Length Shoulder to Bit Face	1103.0 mm
7.	Standard API thread	2 <sup>3</sup> / <sub>8</sub> " API REG
8.	Piston Diameter	78.10 mm
9.	Piston Weight	7.4 kg
10.	Width of the backhead slot	75.1 mm
11.	Adaptable Bit Range	DHD 340A

### AIR CONSUMPTION

PSI	CFM	BAR	Cu. Mtr/Min
100	120	6.9	2.8
200	275	13.8	8.0
300	450	20.7	12.0
400	650	27.6	17.5