

# RIG HYD07

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## Rig HYD07 Schramm Rotadrill T685WS Conventional Chain Driven Drill

<b>Drilling Methods</b>	DTH hammer air drilling Mud rotary drilling Drag bit air / mud drilling	
<b>Applications</b>	<ul style="list-style-type: none"> <li>• Water well drilling</li> <li>• Mine site dewatering drilling</li> <li>• Mine site backfill drilling</li> </ul>	<ul style="list-style-type: none"> <li>• Coal mine degasification</li> <li>• Construction drilling</li> </ul>

## Down The Hole Hammer Drilling

<b>Concept</b>	The drill uses a pneumatic reciprocating piston-driven hammer down in the hole to energetically drive the drill bit through the ground.	
<b>Advantages</b>	<ul style="list-style-type: none"> <li>• Fast penetration in uncomplicated formations.</li> <li>• Low cost for simple bore or shaft construction.</li> <li>• Quick return of samples to surface provides formation control.</li> <li>• Can easily change over to mud rotary or drag bit drilling if conditions dictate.</li> </ul>	

## Specifications

<b>Carrier</b>	Mercedes Actros 8x8 all wheel drive truck	
<b>Top Drive</b>	12,540Ft.lb torque 15,880kg pulldown	0 – 83rpm 33,880kg pullback
<b>Mast</b>	30ft stroke	0 –123ft/min feed rate
<b>Onboard Compressor</b>	Sullair 1350CFM @ 350psi /1150 @ 500psi	
<b>Auxiliary Compressor</b>	Sullair 1150CFM @ 350psi (additional compressors and booster available)	
<b>DTH Hammers</b>	5", 8", 12" Mincom, Numa and Halco hammers	
<b>Features</b>	Onboard compressor; jib winch & sandline winch	
<b>Rod Handler</b>	Foremost 1500HDD	
<b>Rod Breakouts</b>	8 – 5/8" Airdrill slewing breakout and hydraulic spanner	
<b>Splitter</b>	Sampling cyclone and open discharge	
<b>Support Equipment</b>	All wheel drive support truck, light truck, backhoe, dog trailers	
<b>Safety</b>	Onboard fire suppression, lockable isolation points, Australian standards compliant access, handrails and walkways, first aid, PPE, fibre protection kits, advanced communications systems.	

## Depth Guide

<b>Conventional DTH Hammer or Rotary Drilling</b>	
<b>Hole Diameter</b>	<b>Depth Range</b>
6" – 8.5"	Up to 750m
10" – 14"	Up to 450m
16" – 18.5"	Up to 350m
Above 18.5"	Up to 110m