

RIG HYD05

easternwell
all together better



Rig HYD05 Schramm Rotadrill T450 Horizontal Chain Driven Drill

Drilling Methods	Horizontal DTH hammer air drilling
Applications	<ul style="list-style-type: none"> • Open mine pit wall depressurisation • Utilities conduit drilling • Pipeline laying

Horizontal DTH Hammer Drilling

Concept	The drill uses a pneumatic reciprocating piston-driven hammer in the hole to energetically drive the drill bit through the mine wall. Drilling is conducted from within the mine pit.
Advantages	<ul style="list-style-type: none"> • Fast penetration. • Low cost wall depressurising. Allows the pit to be mined deeper and with a steeper pit wall face. • Drilled from the stability of the mine pit – not on the wall. • Can easily case the hole with light weight casing materials to prevent collapse.

Specifications

Carrier	Customised Caterpillar Tracks (Crawler)		
Top Drive	Two speed 7,900kg pushforward	7,560Ft.lb torque 13,600kg pullback	0 – 145rpm
Mast	28ft stroke	horizontal orientation only	
Onboard Compressor	N/A		
Auxiliary Compressor	Sullair 900CFM @ 350psi (additional compressors available)		
DTH Hammers	5" Mincom hammers		
Features	Optimised for horizontal drilling, lift crane		
Rod Handler	Purpose-built horizontal rod loader and on deck rod storage		
Rod Breakouts	Petol gearench hydraulic spanner & airdrill breakout wrenches		
Splitter	Sampling cyclone and open discharge		
Support Equipment	Ancillary support truck, light truck		
Safety	Onboard fire suppression, lockable isolation points, Australian standards compliant access, handrails and walkways, first aid, PPE, fibre protection kits, ROPS certified fall on protection roof.		

Depth Guide

Conventional DTH Hammer Horizontal	
Hole Diameter	Depth Range
5.5"	Up to 250m