



AQUA ROCK

DRILL RIG MANUFACTURERS

MINING APPLICATION

DOMINATOR 3000

TECHNICAL SPECIFICATIONS



DECK ENGINE	69Kw deck engine
DIESEL TANK	50 L
CONTROL PANEL	In cab control panel with valve banks and gauges
HYDRAULIC SYSTEM	<ul style="list-style-type: none"> • Open loop 3 stage gear pump system • Hydraulic system is driven through a Stiebel franky box • 2x Loading sensing piston swashplate pumps for tramping
TOP HEAD DRIVE / ROTATION HEAD	Max Torque 4250Nm, Rotation speed STD 35RPM RAPID 50 RPM, Bull Shaft 115mm 3.5" API Thread.
OUTRIGGERS	4 X Boxed hydraulic outriggers for rig stability
FEED SYSTEM	Tower & trolley design working with leave chain
TRAVERSE SPEED UP	0.400m/sec, rapid 0.600m/sec
PULLBACK CAPACITY	8 500Kg
DOWN PULL	6 000Kg
RECOMMENDED MAX DRILL DEPTH	200m
MAST	8,5m tower with 7,3m stroke to handle up to 6m rods
DRILL TABLE	Opening of 300mm with guides to 115mm
UNDERCARRAIGE	30 ton one track crawler system
CAB	Operators station in air-conditioned cab
HYDRAULIC KEEPER SPANNER	Hydraulic keeper spanner
WATER FOAM PUMP	Hydraulic driven piston pump
CAROUSEL	Hydraulic rotating 6 rod carousel with hydraulic lock
BREAKOUT SYSTEM	Hydraulic hands-free breakout cylinder
LIGHTING	Lighting in cab and on rig
COMPRESSOR	On board compressor
DRILL TABLE	Drill table air blast hydraulic valve (cleans drill table with air)
OPTIONAL ACCESSORIES	
TOWER	10.5m tower with 9.3m stroke to handle 9m rods
MAST SLIDE TRAVEL	Dump mast optional with 1.9m or 2.7m stroke
LUBRICATOR	Hammer oil lubricator
WINCH	Hydraulic winch on tower