



Technical Data	
Net Weight	37,700kg
Drilling Depth	up to 600m
TRUCK	
Model	Astra HD9 66.42
Fuel Tank	600L + 600L
Max. Power	309 kW (420HP)@ 1900rpm
DECK ENGINE	
Model	Deutz BF8M1015 CP
Number of Cylinders	8
Displacement	15.8L
Max Power	400kW
Max Speed	1,900rpm
Max Torque	2500Nm @ 1300rpm
ROTARY HEAD	
1st Gear Torque/Speed	0 - 1700kg-m / 0 - 60rpm
2nd Gear Torque/Speed	0 - 680kg-m / 0 - 200rpm
Floating Shaft ID	145mm (5" 11/16")
Spindle Thread	88.9mm (3 1/2")
Swivel Head Max Pressure	100 bar
Swivel Head ID	76mm (3")
Seals Type	High Resistance Polyurethane
Carriage Lateral Shift	520mm
MAST	
Drill Pipe Length to Handle	6m
Mast Rotary Stroke	6.8m
Approx. Height	11.340mm
Pull up*	25,000kg
Max. pull up speed	0.73m/sec
Pull down*	10,000kg
Pull down speed	0.3m/sec
CROWN BLOCK	
Main Winch Sheaves	No 3
Auxiliary Winch Sheaves	No 2
Main Winch Rope Diameter	16mm
Auxiliary Winch Rope Diameter	10mm
MAIN WINCH	
Max. Line Pull (1st Layer)	6,550kg
Max. Pull Speed (1st Layer)	94m/min
Max. Line Pull (4th Layer)	5,330kg
Max. Pull Speed (4th Layer)	115m/min
Rope Size	16mm
Rope Length	120m
TRAVELLING BLOCK	
Max. Hook Pull up	19,650kg
Max. Hook Speed	38m/min
SERVICE WINCH	
Max. Line Pull (1st Layer)	2,000kg
Max. Pull Speed (1st Layer)	34m/min
Max. Line Pull (4th Layer)	1,570kg
Max. Pull Speed (4th Layer)	43m/min
Rope Size	10mm
Rope Length	60m

Make: Drillmec (Trevi Group)
Model: G25

Drillmec G25 is a fully hydraulically driven, 3-axle truck mounted drilling suitable for drilling water wells.

Main features include:

1. 25,000-kg nominal pullback capacity
2. Drilling depth of up to 600m
3. Simple to use control system, making it possible to operate safely and economically with an extremely small crew.
4. Suitable to work in climatic conditions with temperatures that vary from 0°C to +55°C.





WJ GROUNDWATER

Expert in Groundwater

MAIN FRAME	
Max Outriggers Lifting Capacity	16,000kg each
Outriggers Clearance	500mm
Outriggers Stroke	500mm
MUD/AIR MANIFOLD	
Offset Diameter	76.2mm (3")
Max Working Pressure	85bar
Auxilliary Air Compressor Connection	3" NPT
Auxilliary Mud Pump Connection	3" NPT
Auxilliary Foam Pump Connection	1" NPT
Discharge Line Diameter	2" NPT
HYDRAULIC DOUBLE CLAMP	
Max. Holding Diameter	460mm
Clamping Force	30,000kg
Max Breakout Torque	6,550kg/m
Max Rotation Pitch	15deg
FOAM PUMP	
Max Working Pressure	60bar
Max Delivery	95L/min
MUD PUMP	
Model	Drillmec 10D2C
Stroke	254mm (10")
Piston Diameter	127.00mm(5") - 190.5mm(7.5")
Type of Hydraulic Circuit	Closed Circuit
Motor Type	Denison M6F
Max Input Power	89kW (120hp)
Max Strokes per Minute	80
AUTOMATIC LUBRICATOR	
Oil Tank	25L
Stroke	254mm (10")
ELECTRIC CIRCUIT	
Circuit Voltage	24V DC
Number of Lights	6
GENERATOR/WELDING UNIT	
Model	EPw5 Zanardi (or equivalent)
Operation as Welder:	
Max Current	500A dc
Strike Voltage	75V
Drive Power	32hp
Operation as Generator:	
RPM	1,500
Frequency	50
kVA in 3-phase	15
kVA in single phase	10
Drive Power	20hp
AIR COMPRESSOR	
Model	Atlas Copco Orv 10
Max. Free Air Delivery	720cfm (340L/s)
Working Pressure	25bar (365psi)

