



Günhan-ark



İmalat-Sondaj-Döküm Taahhüt San. ve Tic.Ltd.Şti
Machinery - Drilling and Casting Industry Co.

GMS - 600 SHR

All Hydraulic Water Well Drilling Machine

Rotary drilling
Core drilling
Geological survey
Drilling by down the hole hammer





Günhan



MAST

Electrically welded square or rectangular steel section heavy duty drilling mast operated by two hydraulic cylinders. It supports the rotation unit and the carousel changer.

DETAILS



ROTARY HEAD

Compact rotary head with reduction unit, forced oil lubrication by means of a hydraulic pump, the shaft slides longitudinally for down-the-hole hammer drilling.

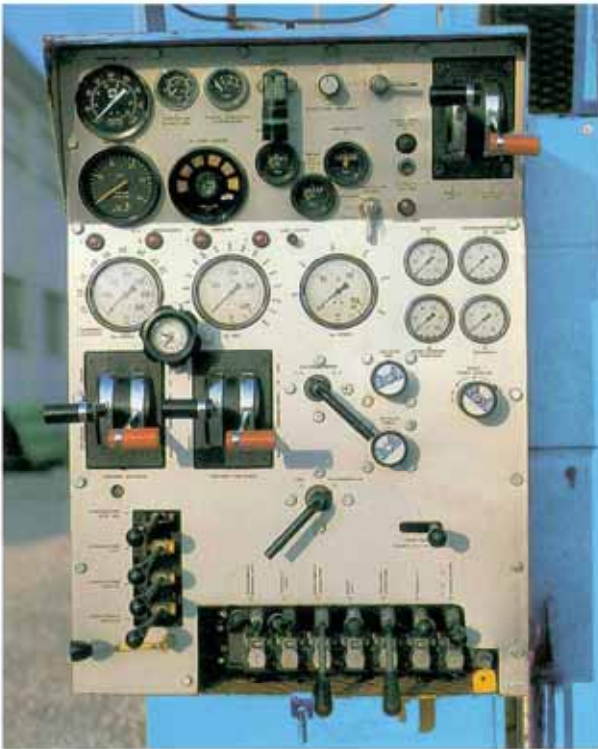


CAROUSEL CHANGER

Automatic carousel changer for five 20 or 25 ft drill pipes, hydraulically operated and mounted laterally to the mast.

CONTROL PANEL

All control instruments are on the control panel located on the left-back of the rig for maximum visibility and ease of operation.



SLIP BOX

The slip box is of centralizer type with reductions for drill pipes, hydraulic device for unscrewing the drill pipes.



MAIN WINCH

The main winch is situated behind the tower and operated by a hydraulic engine. The winch is used to lift heavy rods, reamers, down-the-hole hammer, casing pipes, etc.



FOAM PUMP

The triplex foam pump has a capacity which can be adjusted from 0 to 75 liters per minute and a maximum pressure of 30 bar.

Deck Engine

Revolution	2500 rpm
Manufacture	Ford
Model	Ecotorq
Power	300 HP

Truck

Optional	Ford
Installed Power	270 HP

Mast

Mast Height	10,6 m
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Pull Down

Pull Down Force	17000 kg
Pull Back Force	28000 kg
Length of Stroke	8 metres

Rotary

Carrying Capacity	20 t
1st Speed Max Torque	9349 N.m
RPM	0-147 rpm
2nd Speed Max Torque	4674 N.m
RPM	0-294 rpm

Hydraulic Winch

Line Pull	17520 kg
Rope Speed	3 m/sec
Drum Capacity	250 m (6 mm dia. rope)

Flushing Units

Piston Mud Pump	
Type	Doublex 5" x 6"
Flow Rate	720 l/min
Service Pressure	25 bar

Foam Injection Pump

Flow Rate	75 l/min
Service Pressure	30 Bar

Transport Dimensions

Width	2,5 m
Length	10.1 m
Height	4.2 m
Weight	19.750 kg

Air Compressor

Pressure	25 Bar
Flow Rate	25 m ³ /min (900 cfm)



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Industry Co.



Ofis/Office

Turgut Reis Caddesi Çatal Söğök No 24/15
Maltepe / ANKARA - TÜRKİYE
Tel : 0090 231 67 32 - 230 52 73 - 230 52 74
Fax : 0090 230 52 73
E-mail: gunhan@gunhanark.com
web: www.gunhanark.com
www.gunhanmakina.com

Fabrika/Factory

Kızılay Mah. Kazım Karabekir Caddesi No: 95/97
ELAZIĞ - TÜRKİYE
Tel : 0090 424 224 58 96 - 224 18 96
Fax : 0090 424 224 15 13



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