
EMSCO 602

2000 HP Drilling Rig

RATED DRILLING DEPTH:

6000 m with 5" D.P.

SUBSTRUCTURE:

Height: 7.92 m (26 ft)
Height under rotary beams: 5.79 m (19 ft)
Set Back: 272 mt

MAST:

Pyramid 43.28 m (142 ft)
Capacity: 454 mt

CROWN BLOCK:

No of sheaves: 7
Grooved: 1 3/8"
Capacity: 454 mt

TRAVELLING BLOCK & HOOK:

Emsco RA-52-6 & BJ 5500
Capacity: 500 mt

SWIVEL:

National/Oilwell PC 500
Capacity: 500 mt

DRAWWORKS:

Emsco C-2 II 2000 HP, 2 x DC 5 GE-752 R, 750 kW each

TOP DRIVE:

Aker Kvaerner PTD 500 AC
Capacity: 454 mt

ROTARY TABLE:

Emsco T-2750, 27 1/2"
Capacity: 454 mt



POWER PLANT:

Diesel Engines: 4 x Cat D 3512; 2 x Olympian Geh 250, total output power: 6000kW
Generators: 4 x Cat SR-4, 1500 kVA each; Olympian Geh 250, 2 x 230

CONVERSION SYSTEM:

SCR, HELB
No of SCRs: 9

MUD SYSTEM:

Mud Pumps: 3 x Emsco FB 1600, each pump powered by 2 x DC 5 GE 752 R, 750 kW each
Mud Tanks: 6, Total capacity: 525 m³
Water Tanks: 2, Total capacity: 160 m³
Shale Shaker: 2 x Brandt King Cobra Single type
Mud Cleaner: Brandt Dual Tandem
Desander: Swaco T 2 x 12
Desilter: Swaco T 16 x 4"
Mud/Gas Separator: Atmospheric
Degasser: Swaco, Vacuum