



# EMSCO 605

## 2000 HP Drilling Rig

### RATED DRILLING DEPTH:

6000 m with 5" D.P.

### SUBSTRUCTURE:

Height: 7.62 m (25 ft)  
Height under rotary beams: 6.1 m (20 ft)  
Set Back: 272 mt

### MAST:

Pyramid 47.55 m (156 ft)  
Capacity: 454 mt

### CROWN BLOCK:

No of sheaves: 6+1  
Grooved: 1 3/8"  
Capacity: 544 mt

### TRAVELLING BLOCK & HOOK:

Emsco RA-52-6 & BJ H5500  
Capacity: 454 mt

### SWIVEL:

Emsco LB 650  
Capacity: 590 mt

### TOP DRIVE:

Aker Maritime, Hydraulic PDT 500 AC  
Capacity: 454 mt

### DRAWWORKS:

Emsco C-2 II 2000 HP, 2 x GE 752 R, 560 kW each

### ROTARY TABLE:

Emsco T-3750, 37 1/2"  
Capacity: 590 mt



### POWER PLANT:

Diesel Engines: 4 x Cat D 3512, 1030 kW each  
Generators: AC, 4 x Cat SR-4, 1500 kVA each

### CONVERSION SYSTEM:

Stewart & Stewenson  
No of SCR: 6

### MUD SYSTEM:

Mud Pumps: 3 x Emsco FB 1600, each pump powered by 2 x GE 752 R, 560 kW each  
Mud Tanks: 9+trip tank, Total capacity: 389 m<sup>3</sup>  
Water Tanks: 3, Total capacity: 138,8 m<sup>3</sup>  
Shale Shaker: 2 x Brandt Cobra Linear  
Mud Cleaner: Brandt Dual Tandem  
Desander: Pioneer T 2 x 12"  
Desilter: Pioneer T 14 x 4"  
Mud/Gas Separator Atmospheric  
Degasser: Swaco, Vacuum