

T-391 UM 3900/225 3K-BM

TECHNICAL OVERVIEW

Rating	1,000 HP	746 kW
Hook load	496,000 lbs @ 10 lines	225 t
Drilling depth theoretical	12,795 ft	3,900 m

Year of construction 2005

MAST

Type	Uralmash 45/225R	
Height	149.7 ft	45.65 m
Base	33.8 ft	10.3 m
Hook load	496,000 lbs	225 t

SUBSTRUCTURE

Type	Uralmash	
Height	27.9 ft	8.5 m
Clear height	21.3 ft	6.5 m
Casing load	440,900 lbs	200 t
Setback load	385,800 lbs	2 x 87.5 t

DRAWWORKS

Type	LBU-750 E-SNG	
Horsepower rating	1,000 HP	746 kW
Max. line pull	21,000 lbs	
	239 kN @ 2 nd layer	
Drilling line diameter	1 1/8"	28 mm
Auxiliary brake	-	

TOP DRIVE

Type	Varco TDS-11SA	
Capacity	1.000.000 lbs	500 t
Torque	32,000 ft.lbs	43,380 Nm

ROTARY TABLE

Type	R700	
Capacity	27 1/2"	700 mm

DRIVE GROUP

Engine type	6.3 kV industrial power grid	
Horsepower rating	-	
Generator type	-	
Generator rating	-	
Voltage	-	
SCR unit	-	



MUD SYSTEM

Pump type	UNBT-950L	
Horsepower rating	2 x 1,250 HP	
Shale shaker type	Mongoose PT	
Shale shaker	MI Swaco	
Standpipe pressure	5,000 psi	350 bar
Active mud system	1,130 bbl	180 m ³
Reserve mud system	570 bbl	90 m ³

BOP EQUIPMENT

Annular	11" – 5,000 psi	
Single ram	11" – 5,000 psi; 2 pc	

CAMP EQUIPMENT

Full rig camp and base camp

ADDITIONAL EQUIPMENT

4Q-Drive