

QUANTITY	DESCRIPTION
1	MODEL GDM-650 TOP DRIVE RECERTIFICATED 2023: GDM-650 Top Drive Unit Includes: • Manufactured in accordance to API 8C, License No. 8C-0161, rated PSL-1 • 650-ton load path • Robust gear case: • Helical gears • Submerged thrust bearing • Spray lubrication • Load path side plates • A/C motor 1200 hp • Hydraulic disc brakes • Centrifugal blower • Link hanger assembly with hydraulic tilt • Pipe handler rated at 100,000 ft/lb. • Hydraulic directional control valves for robotics system operations • Travel Skid • Guide Beam Top Drive Rig Interface: ▪ Refurbished Components ▪ Standard Washpipe assy 3" 7500 psi ▪ Gooseneck, 7500 psi complete with 5" Fig. 1002 union for rotary hose ▪ Guide frame assembly Used Control House Assembly VFD (1200 hp): • A/C Cooling System • 600-volt 60 HZ • MCC Panel for auxiliary motors • PLC control system • Quick disconnect power plug board • Hydraulic power unit - 12 GPM @ 2300 psi - pump & motor Used Driller's Control Station • Console • Stainless steel enclosure

- HMI screen for maintenance and troubleshooting plus redundant operation of top drive

Accessories:

Complete set of derrick interior power and controls service loops includes:

- Used Inner Power Loop - 777 MCM - 86'
 - Aux Service Loop
 - Controls Service Loop
 - Cable 3PR 16 AWG Cable ASSY 185 FT. (Encoder)
 - Cable 16 AWG 185 FT
 - Cable 10C 16 AWG ASSY 185 FT. (PLC Power)
 - Cable, 20C, 12 AWG, Cable ASSY, 185 FT
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