

Crown DTS1000

1000HP Trailer Mounted
Drilling Package

specifications

drawworks	Crown model CE1000SD with Eaton Model WCBD-236 auxiliary brake, grooved f/ 1¼" line drawworks, power package and mast mounted on 4-axle trailer
drawworks engines	(2) Detroit Diesel Series 60, 500HP each with Allison S5610H transmissions 1,000HP combined through two engine drive group
mast	Crown model 118-440 telescoping mast, 118' height, SHL rating 440,000 lbs with 10 lines racking board for 12,000' of 4½" drill pipe, hydraulic make-up and break-out cylinders
substructure	Crown telescoping substructure, 18' floor height, 15' clear height under rotary beams 450,000 lbs rotary capacity with 300,000 lbs simultaneous setback capacity 12" high steel ramp and mudboat, 12" high load beam for mast
block/hook	McKissick Model RJ 250 ton block-hook with (5) sheaves grooved for 1¼" drill line
rotary table	Hacker 20.5" rotary table on 44" center, chain driven by right angle drive
top drive	TESCO TMI 250 hydraulic top drive, complete with guide track and hydraulic power supply
roughneck	NOV ST-80C Iron Roughneck or equivalent
pumps	(2) RS-1000 Triple p/b Detroit Diesel 12V2000 engine and Allison DP-8962 transmission
generators	(2) 450KW generators, each powered by Detroit Diesel Series 60 engine
mud system	(2) Tank, 800 bbl mud system with slug pit, agitators, (3) 5x6 centrifugal pumps p/b electric motors (1) Linear motion shale shaker, 2 cone desander, 8 cone desilter
water tank	(1) 400 bbl cylindrical tank
fuel tank	(1) 250 bbl cylindrical tank with lubester
blow out preventers	(1) NOV SHAFFER 11" 5M XLT double ram preventer (1) NOV SHAFFER 11" 5M Spherical annular preventer
accumulator	120 gallon, 5 station accumulator
choke manifold	4" x 2" x 2" 5,000 lbs working pressure manifold with (2) 2" manual chokes
air equipment	(4) Sullair 1150 CFM Compressors, (1) Sullair booster (available)
forklift	CAT 930H-5 ton capacity with forks and bucket (available)

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