

500 Ton AC Top Drive

Available with up to 1,400 hp, AXON's 500T AC top drives are specially designed for medium to deep drilling rigs. In addition to class-leading horsepower-to-torque ratio and superior pull-down capacity, these top drives are configurable to your specific needs.

SPECIFICATIONS

- API 8C static rated hoisting capacity: 500 ton
- API 8C dynamic (rotating) capacity: 470 ton
- Pull down capacity: 100 ton
- Max continuous torque: 70,800 ft-lb @ 100 rpm
- Max intermittent torque: 106,000 ft-lb
- Max speed: 200 rpm
- Weight: 36,000 lb

FEATURES / BENEFITS

Design

- Air-cooled AC induction motors with heavy duty oilfield service record, VFD controlled
- Top drive mounted hydraulic power unit for auxiliary functions, including cylinders and robotics
- Robust torque bushing and dolly systems offering 56" extend capability
- Heavy-duty mechanical quill brake (dynamic) rated at 38,000 ft-lb
- Integrated back leg and back-up wrench, rated at 106,000 ft-lb
- Integrated thread saver for tool-joint make-up/break-out
- Dual load path design
- Drive gearbox separate from swivel, engineered for maximum reliability and versatility
- Safe and simple "Pull Down" via heavy-duty lugs connected directly to swivel (100 ton)
- 360° rotating (109 lock points) lower pipe handling section complete with hydraulic link tilt
- Driller's side and off driller's side service loop configuration available
- On-board I/O modules and bus cable eliminate costly and troublesome multiconductor control cable
- Large 3" fluid bore

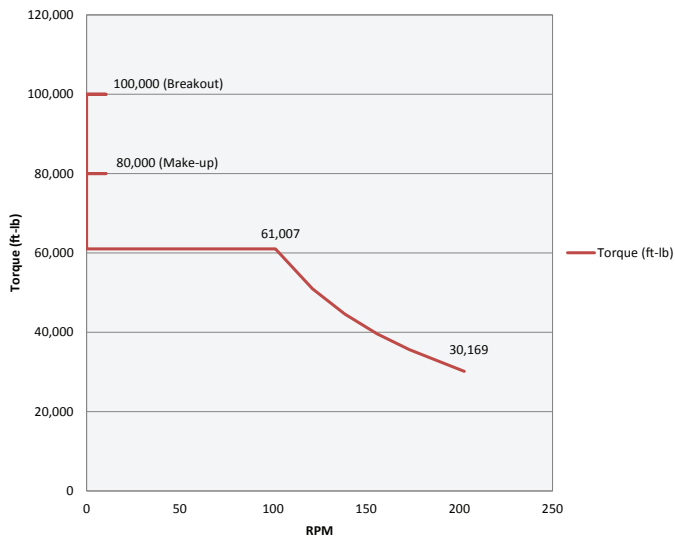


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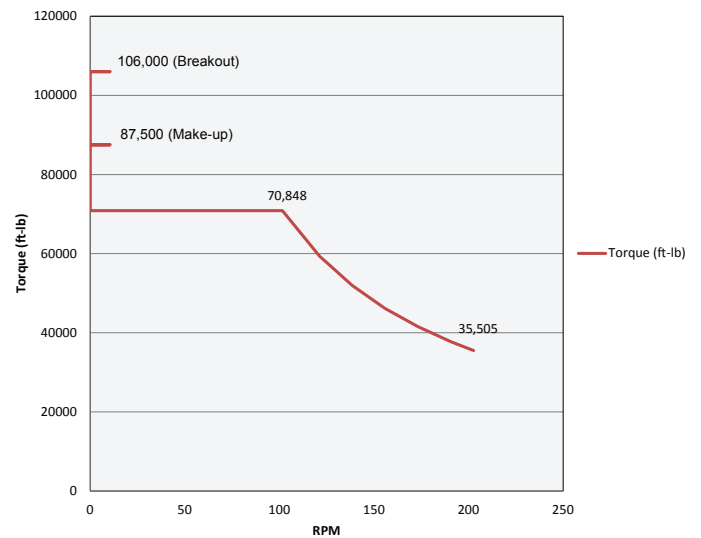
FEATURES / BENEFITS

Performance

1,200 hp AC Top Drive Performance*

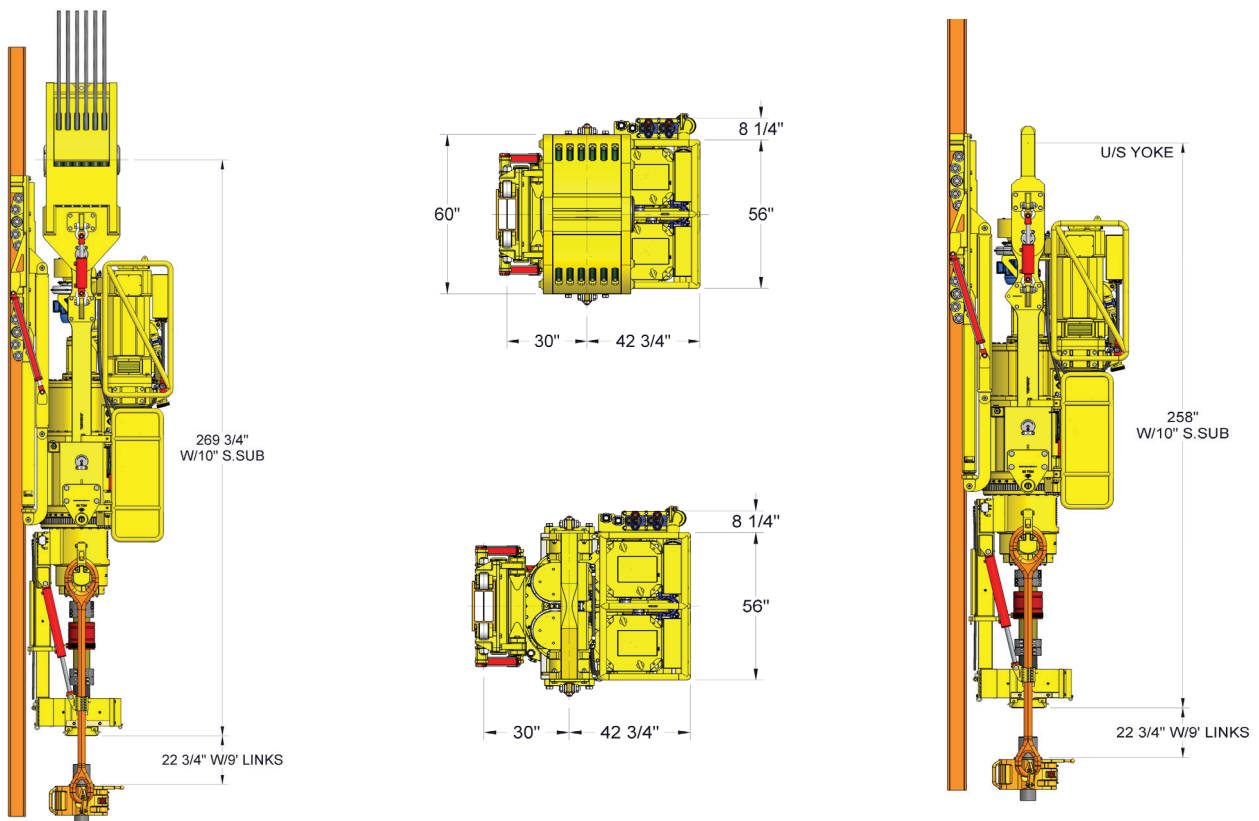


1,400 hp AC Top Drive Performance*



*Applicable for 500T and 750T AXON Top Drives

Dimensional Data



+AXON reserves the right to modify specifications without notice. rev2013.04.30