

WELL. DONE.

*Manufacturer of the most complete
line of drilling rigs in the industry.*



SPEEDSTAR STARDRILL

SPECIFICATIONS

Mounting	4 x 2, 4 x 4, 6 x 4 or 6 x 6 truck, horsepower and GVWR requirements depend upon options.
Mast	12 in. (305 mm) square tube mast 32 ft. 6 in. (9.9 m) height above breakout table.
Tophead	4,166 ft.-lbs. (3,073 Nm) of torque, 0-215 RPM, 2 in. (50 mm) diameter opening through the quill standard. Tophead slides left 21 ½ in. (546 mm) off center of the hole. Tophead travel is 25 ft. (7.6m).
Pulldown/Holdback	Pulldown capacity up to 15,000 lbs. (6,804 kg). Holdback capacity up to 20,600 lbs. (13,608 kg).
Hydraulic Hoist Drum	10,000 lbs. (4,536 kg) single line pull on bare drum (single sheave block available for two part line). Line runs over jib boom for positioning drillpipe over the centerline of the bore hole or pipe rack.
Breakout Table	Retracts hydraulically to provide 16 in. (406 mm) opening in frame. Sliding holding wrench to hold pipe.
Pipe Loader	Single pipe loader.
Breakout Wrench	Modified 60 in. (406 mm) pipe wrench hydraulically controlled.
Pipe Carrying Rack	Mounted on the right side of the frame. Capacity of 12 pieces of drillpipe.

POPULAR OPTIONS

Tophead	Optional 5,833 ft.-lbs. (7,907 Nm) of torque, 0-138 RPM, 2 ½ in. (63.6 mm) diameter opening through quill; or optional two motor head for 10,417 ft.-lbs. (14,119 Nm) of torque with 0-50 RPM and 5,833 ft.-lbs. (7,907 Nm) of torque with 0-144 RPM.
Pulldown/Holdback	Increased pulldown capacity up to 17,000 lbs. (7,711 kg), and increased holdback capacity up to 30,000 lbs (13,608 kg).
Hydraulic Hoist Drum	12,000 lbs (5,443 kg) single line pull on bare drum (single sheave block available for two part line).
Air Compressor	Single stage screw 300 CFM/200 PSI (8.5 m ³ min/13.8 bar). Hydraulically driven.
Mud Pump	Choose from 5 x 6 piston pump, centerline mono pump, centerline duplex pump, 4 x 3 centrifugal pump, diaphragm pump, or Moyno pump.
Water Injection Pump	Choose from 12 GPM (45.4 L/M) pump or 18 GPM (68.1 L/M) pump.
Lubricator	7 gallon (26.5 L) capacity, electrically controlled. Maximum displacement 3 qts/ hr (2.8 L/hr).
Pipe Spinner	Hydraulically powered spinner for spinning pipe in or out.
Remote Jib Controls	Independent controls on helper's side for jib and winch functions.
Auxiliary Winches	Auxiliary winches available.
Welder	Welder driven hydraulically with accessory power and weatherproof cover.
Engine Heater	40,000 btu engine heater.

WEIGHTS AND DIMENSIONS

Length: 35 ft. 4 in. (10.8m); Width: 8 ft. 6 in. (2.6m); Height: 12 ft. 4 in. (3.8m); Approximate weight: depends upon options



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