

**SPEED STAR 185K**

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ENVIRONMENTAL DRILLING RIGS



# SPEED STAR 185K

## SPECIFICATIONS

<b>MOUNTING</b>	Heavy-duty 5-axle carrier powered by 550 HP (410 kw) turbo-charged diesel engine.
<b>TRANSMISSION</b>	Fuller 18-speed transmission and drop box, four 445/65R22 highway tread front tires, twelve 11 x 22.5 on/off highway tread rear tires, power steering, air brakes, one man full vision off-set cab and dual 125 gallon (943 L) fuel tanks.  Front Tandem: 48,000 lbs. (21,773 kg) Rear Tandem: 85,000 lbs. (38,556 kg) Total: 133,000 lbs. (60,329 kg)
<b>MAST</b>	51 ft. (15.5 m) vertical working space above breakout table. Maximum working capacity: 185,000 lbs. (83,916 kg).
<b>TOPHEAD</b>	140,000 in-lbs. (15,818 Nm) of drilling torque. Rotation speeds of 0 - 100 RPM. 3" (76 mm) diameter fluid course.
<b>PULLDOWN</b>	Maximum pulldown capacity of 30,000 lbs. (13,608 kg). Cylinder cable feed rate of 0 - 209 FPM (84 mpm).
<b>HOIST CAPABILITIES &amp; SPEEDS</b>	Hoist capacity to 185,000 lbs. (83,916 kg). Hoist speed to 140 FPM (42.7 mpm).
<b>HYDRAULIC LEVELING JACKS</b>	Four 60" (1,524 mm) stroke leveling jacks, two at rear on centerline of borehole and two behind carrier cab, all independently controlled.
<b>AUXILIARY WINCH</b>	8,000 lbs. (3,628 kg) capacity, hydraulically driven with jib boom. 200 ft. (61 m) of 5/8" (15.8 mm) wireline. Line speed 70 FPM (21.3 mpm).
<b>WALKWAYS</b>	Full length both sides of rig. Fold for travel.

## OPTIONAL EQUIPMENT

<b>LIGHTING SYSTEM</b>	Six 48" fluorescent lights and two 500-watt (0.5 kw) quartz flood lights mounted in mast, powered by a diesel generator.
<b>WATER INJECTION</b>	40 GPM (152 LPM) triplex pump with foam injector.
<b>LUBRICATOR</b>	17 gallon (64.1 L) reservoir, capacity electrically controlled.
<b>PIPE LOADER</b>	Hydraulically actuated for loading drill pipe and collars.
<b>BREAKOUT TONGS</b>	Cylinder actuated. 2-3/8" (60 mm) to 10-3/4" (273 mm) diameter capacity.
<b>MUD PUMPS</b>	Various sizes available up to 7-1/2" x 10" (191 mm x 254 mm) duplex maximum output of 637 GPM (2,411 L/m) @ 255 PSI (1,757 kPa). Maximum 574 PSI (3,954 kPa) with 5" (127.0) liners.
<b>AIR COMPRESSOR</b>	Various compressors available up to a rated capacity of 1,000 CFM @ 350 PSI (25.5 CMM @ 24 bars).
<b>SANDREEL</b>	Hydraulically driven 8,000 lbs. (3,628 kg) capacity with up to 2,000 ft. of 3/8" (610 m x 9.5 mm) line.
<b>PIPE RACKING BOARD</b>	Capacity of 5,000 ft. (1,525 m) drill pipe and corresponding drill collars.

GEFCO reserves the right to amend these specifications at any time without notice. GEFCO makes no warranties, expressed or implied, other than our standard written warranty.

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The  
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