

# GEFCO

*FAILING · SPEEDSTAR · KING OIL TOOLS*

## *SpeedStar SS-135*

**Manufacturer of the most durable and complete drilling rigs in the industry.**



# SpeedStar SS-135

## SPECIFICATIONS

<b>RATINGS</b>	10,900 lbs. (4,944 kg) bare drum single line pull, 30,738 lbs. (13,943 kg) maximum hook load with traveling block at bottom of mast. 20,000 lbs. (9,072 kg) working hook load with block at top of mast.	
<b>POWER TAKE-OFF UNIT</b>	Full-torque gear type enclosed oil bath.	
<b>DRAWWORKS</b>	Double drum drawworks with air clutches standard, independently operated.	
	<u>Kelly Drum and Hoisting Drum</u>	<u>Sandreeel (optional)</u>
Drum (diameter x length):	7-1/2 in. x 6 in. (191mm x 152mm)	7-1/2 in. x 28 in. (191mm x 711mm)
Single line pull on bare drum:	10,900 lbs. (4,944 kg)	6,000 lbs. (2,722 kg)
Brakes (width x diameter):	6 in. x 17 in. (152mm x 432mm) single band	4 in. x 17 in. (102mm x 432mm) single band
Clutch:	14 in. (356mm) 2-plate, air	11 in. (279mm) 3-plate, air
Spooling capacity:	160 ft. of 5/8 in. (58m of 16mm)	2,000 ft. of 3/8 in. (610m x 10mm)
<b>ROTARY TABLE</b>	Spiral bevel gear type enclosed in oil-bath case. 8 1/2 in. (216 mm) opening. Hydraulically-retractable for 18 in. (457 mm) maximum opening fraadriller; maintains it automatically at all depths. Two 1 1/2 in. (38 mm) pitch, single-strand chains give 20 ft. (6 m) continuous feed. Pulldown weight adjustable from 0 to 21,000 lbs. (0 to 9,525 kg). Feed rate variable from 0 to 20 FPM (0 to 6.1 m/min).	
<b>KELLY</b>	3 3/8 in. diameter x 24 ft. long (86 mm/7m) standard with 5 x 6 mud pump.  4 1/4 in. diameter x 24 ft. long (108 mm/7 m) standard with 5 1/2 x 8 mud pump.	
<b>SWIVEL</b>	2 in. (51 mm) water course – standard.	
<b>MAST</b>	33 ft. (10 m) working height above rotary table. Hydraulically raised and lowered. Equipped with sheaves for three lines to each drum and with guide rails for swivel.	
<b>LEVELING JACKS</b>	Four hydraulic jacks – two at front with 36 in. (914 mm) stroke; two at rear with 18 in. (457 mm) stroke.	
<b>DRILLER PLATFORM</b>	Three-section; full 8 ft. (2.4 m) wide. Center section removable. Outside sections hinge for travel.	
<b>OPERATOR'S CONSOLE</b>	All controls and instruments grouped at driller's station.	
<b>MOUNTING</b>	4 x 2, 4 x 4, 6 x 4 or 6 x 6 truck, horsepower and GVWR requirements depend upon options.	
<b>LIGHTING</b>	Equipped with five 12V shockproof lamps.	

## POPULAR OPTIONS

<b>MUD PUMPS</b>	5 x 6 piston pump, 5-1/2 x 8 piston pump mechanical pump, 4 x 3 centrifugal pump.
<b>AIR COMPRESSOR</b>	Single stage screw 300 CFM/200 PSI (8.5 m3min/13.8 bar). Hydraulically driven.
<b>SANDREEL</b>	See drawworks description.
<b>PIPE RACK</b>	For carrying 15 ft. (4.6 m) or 20 ft. (6.1 m) lengths of 3 1/2 in. (89 mm) diameter drill pipe. Has capacity of 12 pieces equipped with loading trough and pipe slide.

## WEIGHTS AND DIMENSIONS

Length: 34 ft. 6 in. (10.5 m); Width: 8 ft. (2.4 m); Height: 11 ft. 3 in. (3.4 m). Average weight based on options.

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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