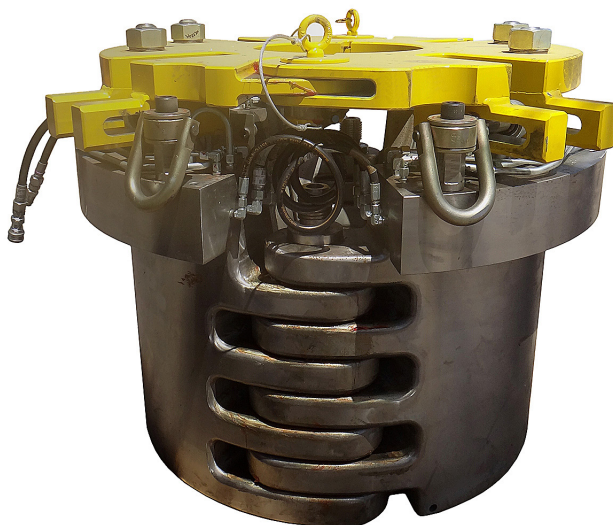




Landing-String Slips 1250

Weatherford landing-string slips (LSS) 1250 act as a spider to grip landing strings or drillpipe during makeup or breakout. The LSS 1250 carries heavy loads up to 1,250 tons (1,133,981 kg) while eliminating pipe-crushing problems. The remotely-operated LSS 1250 enables control from a safe position anywhere on the rig floor or from the driller's cabin. The LSS 1250 fits in standard 37 1/2-in. National, Emsco, Oilwell, and Wirth rotary tables. The LSS 1250 includes an automatic slip lubrication system and adaptable guides to center landing strings and drillpipe with 5 1/2- to 7 5/8-in. ODs. Without the guides, the LSS 1250 has a 12-in. maximum pass-through OD.



Applications

- 5 1/2- to 7 5/8-in. OD landing strings or drillpipe
- 37 1/2-in. rotary tables

Features, Advantages, and Benefits

- The improved slip design for high-capacity landing strings reduces stress on the pipe, which eliminates pipe crushing and safety hazards associated with extreme pipe weight.
- The automated lubrication system provides uniform lubrication safely and efficiently across the slip-bearing surface to prevent stuck slips with heavy landing-string loads.
- Top and bottom guides center the pipe in the tool for uniform slip setting, even in the extreme weather conditions of offshore rigs.
- Compatibility with the Weatherford integrated safety interlock system prevents the slips and elevator from opening at the same time, which virtually eliminates dropped strings.
- The fail-safe hydraulic circuit prevents closed slips from opening or open slips from closing in the event of a hydraulic pressure loss. This enhances safety and permits other rig operations to continue.



Landing-String Slips 1250

Specifications^a

Total tool height with slips closed (in., mm)		37.15 943.60
Total tool height with slips open (in., mm)		49.16 1,248.60
Height above rotary table with slips closed (in., mm)		14.64 371.85
Height above rotary table with slips open (in., mm)		26.66 677.16
Slip travel (in., mm)		12.00 304.80
Pipe size range (in., mm)		5-1/2 to 7-5/8 139.7 to 193.7
Opening in rotary table (in., mm)		37.50 952.50
Maximum system pressure (psi, bar)		2,500 172.37
Rated load ^b (ton, kg)		1,250 1,133,981
Power-down force (lb-ft, kN•m)		41,724 185.60
Power-up force (lb-ft, kN•m)		35,637 158.52
Weight (lb, kg)	Tool	6,964 3,159
	Top guides	86 39
	Slip set	1,532 695
	Bottom guides	615 279
	Total	9,197 4,172
Minimum design temperature (°F, °C)		-4 -20
Operational temperature (°F, °C)		+32 to +158 0 to +70

^aTechnical specifications are subject to change without notice.

^bMany factors can reduce the load rating; call technical support before using a load that even comes close to this limit.