

## PS85 POWER SWIVEL

The hydraulic, motor-driven Logan 85-ton power swivel provides smooth, shock-free torque. It is rated to support tensile pipe loads of 85 tons at zero rpm and 45 tons of dynamic load at 100 rpm. The compact, swivel-head design weighs only 1,163 lbs. and fits into most drilling or workover masts.

The design incorporates a reliable, custom drive train with hardened steel gears and eliminates the use of dangerous spinning chains, tongs, and kelly spinners in most applications. The power swivel reduces stops and start-ups, improving rig efficiency and reducing wear on the pump, drawworks, and other rig equipment.



## FEATURES

- ◆ Smooth, shock-free torque reduces drill string damage
- ◆ Fits most drilling and work over masts
- ◆ Allows use of longer drill string lengths
- ◆ Power unit torque limits can be set
- ◆ Separate rotary swivel is unnecessary
- ◆ Choice of diesel engines
- ◆ Increased environmental safety features on skids and trailers
- ◆ Easy to service

Feature	Description
Model No.	PS85
Nominal Load Rating (tons)	85
Dynamic Load Rating @ 100 RPM (tons)	45
Maximum Torque (ft.-lbs.)	3,950
Maximum Speed (RPM)	155
Maximum Circulating Pressure	5,000
Standard Stem Connection	2-7/8 IF
Gooseneck Connection	2-1/2 NPT
Swivel Head Assembly Weight (lbs.)	1,163
Stem I.D.	2"

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**PATRIOT™**



**LOGAN**  
Power Swivel