

## 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"

## CORPORATE

### Premium Oilfield Technologies - USA

10600 W. Sam Houston Pkwy. North  
Houston, TX 77064  
T: +1 281.670.5200

## USA MANUFACTURING & REPAIR

### *Patriot and Urethane*

10600 W. Sam Houston Pkwy. North  
Houston, TX 77064  
T: +1 281.670.5228

### *Premium Drilling Equipment and Support*

9841 Windmill Park Ln.  
Houston, TX 77064  
T: +1 281.670.5200

### *West Texas Operations - All Divisions*

10207 West Industrial Ave.  
Midland, TX 79706  
T: +1 432.563.2328

### *Patriot Screens*

4602 S. MacArthur Blvd.  
Oklahoma City, OK 73179  
T: +1 405.470.6553

## NORTH AMERICA FIELD SALES, SERVICES AND REPAIR OFFICES

California / Colorado / Louisiana / New Mexico / North Dakota / Oklahoma / Pennsylvania / Texas / Utah  
Wyoming / Leduc, Alberta

## INTERNATIONAL

### KUWAIT

**Premium Oilfield Technologies**  
P.O. Box 721  
Yarmouk, Kuwait 72658  
T: +965 99679126  
T: +965 66022296

### UAE

**Premium Oilfield Technologies Trading LLC**  
P.O. Box 89561  
Dubai, UAE  
T: +971 55 889 7210  
T: +971 56 986 3834

### INDIA

**PMR Mud Riggers India Private Limited**  
S-Block-232, MIDC  
Bhosari, Pune MH 411026  
India

### UAE

**Premium Oilfield Technologies FZE Top Drive Solutions**  
S700, PLOT S30229  
Jebel Ali Free Zone (South)  
P.O. Box 262263  
Dubai, UAE  
T: +971 4 889 4897  
T: +971 506587570

### SAUDI ARABIA

**Premium Mud Pumps Trading Est.**  
P.O. Box 956  
Dammam, KSA  
Postal Code: 31951  
T: +966 50 0157516

### UAE

**Premium Oilfield Technologies FZE Mud Pump Solutions**  
S700, PLOT S30229  
Jebel Ali Free Zone (South)  
P.O. Box 262263  
Dubai, UAE  
T: +971 4 889 4897  
T: +971 558897210



Premium Oilfield Technologies  
Q1-3977  
ISO 9001:2015  
Certificate Number: 5028



[sales@premiumoilfield.com](mailto:sales@premiumoilfield.com)  
[premiumoilfield.com](http://premiumoilfield.com)

110524

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**PATRIOT™**



**LOGAN**  
Power Swivel