



PS120 POWER SWIVEL

The hydraulic, motor-driven Logan 120-ton power swivel provides smooth, shock-free torque. It is rated to support tensile pipe loads of 120 tons at zero rpm and 65 tons of dynamic load at 100 rpm. The compact, swivel-head design weighs only 2,000 lbs. and fits into most drilling or workover masts. Maximum torque is rated at 8,100 ft.-lbs at 150 rpm maximum.

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 workover 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.	PS120
Nominal Load Rating (tons)	120
Dynamic Load Rating @ 100 RPM (tons)	65
Maximum Torque (ft.-lbs.)	8,100
Maximum Speed (RPM)	150
Maximum Circulating Pressure	5,000
Standard Stem Connection	3-1/2 IF
Gooseneck Connection	3" LP
Swivel Head Assembly Weight (lbs.)	2,000

CORPORATE

Premium Oilfield Technologies - USA

8401 Westland West Blvd.
Houston, TX 77041
T: +1 281.670.5200

MANUFACTURING & REPAIR

Premium Drilling Equipment and Support

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

Patriot and Urethane

8401 Westland West Blvd.
Houston, TX 77041
T: +1 281.670.5228

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

Canada Operations All Divisions

107-6704-41 Street
Leduc, Alberta
Canada T9E 0Z4
T: +1 877.593.0034

FIELD SALES, SERVICES AND REPAIR OFFICES

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

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
premiumoilfield.com

09112025

SUR-LOCK

CALIBER

TRU-FLOW

PATRIOT™



LOGAN
Power Swivel