



## Blohm & Voss PS-500 Power Slip

Brand new available for sale or rental

New and unused hydraulically operated power slips to fit National 37 1/2" Rotary Table. In stock at HOS facility and immediately available for sale or rental with a complete suite of slips, accessories, grease pump and control panel.

### Key Features

- Hydraulic Centering Pipe Guide System.
- Integrated Pipe wiper system.
- Top cover allows the use of standard bit breaker plates.
- Allows cable operations.
- One Slip Assembly for all carrier, change of slips not necessary.
- For all pipe sizes and types from 2-3/8" up to 14".
- Air-operated Central Grease System.
- For all types of 37 1/2" rotary tables, only two small adapter pieces are required.
- Only two hydraulic lines required for operation, plus signal line and grease line.
- Feedback signal for slips are closed and slips are open.
- Slips open eccentrically allowing large bores such as protectors and centralizers to pass through.
- Manufactured in accordance to API 7K.
- Complies with Machinery Directive 98/37/EC.
- CE Ex11 2G T5 (Hydraulic tools), CE Ex11 2G T6 (Pneumatic tools).



### Benefits

- Easy to change out carriers for different pipe sizes. Large range available.
- Feedback (slips open/closed) can be utilized in HMI to integrate in Drilling control system.
- Grease system can be integrated with HMI to grease slips automatically.
- Entire system including Hydraulic Control Panel, Automated grease system and Top Centralizers can be supplied from stock.





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### Engineering Data

<b>Use for</b>		
Rotary Table (in)	:	37.5
Maximum Allowable Working Load (ton)	:	500
Pipe Size Range (in)	:	2-3/8 to 14
<b>Weight</b>		
Weight Power Slip w/o carrier and slips (including hydraulic centering system)	:	4300 lb / 1950 kg
Weight Slips for Power Slip	:	660 lb / 300 kg
<b>Hydraulic</b>		
Minimum Working Pressure	:	2175 psi / 150 Bar
Maximum Working Pressure	:	3040 psi / 210 Bar
Maximum Allowed Pressure	:	4350 psi / 300 Bar
Minimum Hydraulic Flow Rate	:	5 gpm / 18.9 l/m
Maximum Hydraulic Flow Rate	:	10 gpm / 37.9 l/m
Hydraulic Lines for Operation	:	A + B
Hydraulic Line for Feedback	:	C
Grease Line	:	G
Minimum Required Cleanliness of Hydraulic Fluid	:	NAS 9
Temperature Working Range Ambient	:	-4°F / -20°C to +104°F / +40°C
Maximum Temperature Hydraulic Fluid	:	+140°F / +60°C
<b>Air (Grease system)</b>		
Working Pressure	:	87 psi / 6 Bar
Flow Rate	:	6,8 m <sup>3</sup> / min





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