

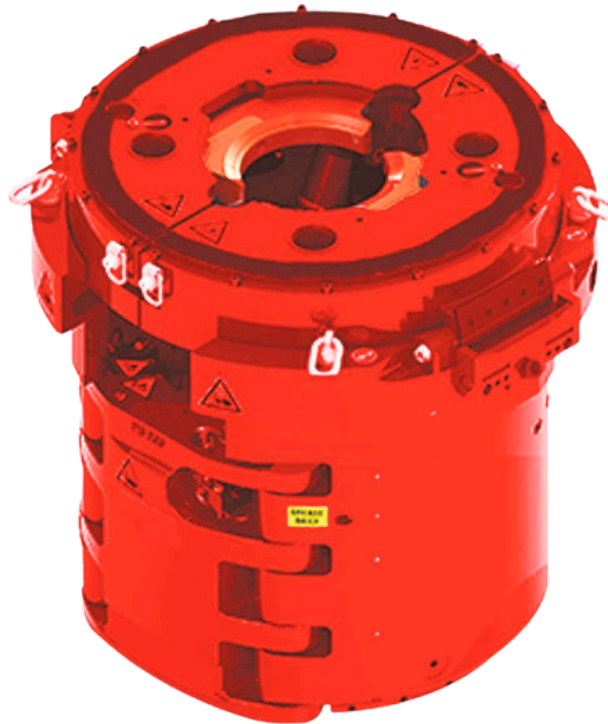
Hydraulic Power Slip (Eq. to PS 500)

Model: HPS-500

Arabian Drilling Tools Hydraulic Power Slip is engineered to handle long, heavy tubulars ranging from 2.3/8" to 14" and has a capacity of 500 tons. It can be installed in various Rotary Tables, with adapters available for different sizes and types. The Power Slip features a central greasing system and hydraulic feedback for "Slips Up" and "Slips Down" operations.

Special Features :

- Slip Assemblies and Insert Carriers are interchangeable with the HPS-500.
- A single HPS-500 body can accommodate a 2.3/8" to 14" tubular range.



Hydraulic Power Slip
Figure No. 33

Technical Specification:

Maximum permissible operating load	500 short ton
Material and Production Standard	API 7K Specification
Pipe diameter	2.3/8"-14"
Rotary Table diameter	37.1/2"
Rotary Table	All Rotary Table with respective Adapter
Hydraulic Working Pressure	Min 160 bar (2321 psi), Max 210 bar (3046 psi)
Hydraulic Flow Rate	Min 18.9 L/min (5 gpm), Max 37.9 L/min (10gpm)

S. No.	Item Description	Part No.
1.	Body	HPS-51
2.	Door Assembly	HPS-52
3.	Centring System	HPS-53
4.	Slip Assembly	HPS-55
5.	Stand Alone Control Unit For Operating Power Slip	Upon request

Technical Specification:

S. No.	Insert Carrier for Drill Pipe	Inserts Part No.	Carrier Body Size	Part No.	Load Rating (Ton)
1.	2.3/8"	HPS-5601	3.1/2"	HPS-561	250
2.	2.7/8"	HPS-5602			
3.	3.1/2"	HPS-5603			
4.	3.1/2"	HPS-5604	4.1/2"	HPS-562	350
5.	4"	HPS-5605			
6.	4.1/2"	HPS-5606			
7.	4.1/2"	HPS-5607	5.1/2"	HPS-563	500
8.	5"	HPS-5608			
9.	5.1/2"	HPS-5609			
10.	5.7/8"	HPS-5610	7"	HPS-564	500
11.	6.5/8"	HPS-5611			
12.	6.906"	HPS-5612			
13.	7"	HPS-5613			
14.	6.5/8"	HPS-5614	7.5/8"	HPS-565	500
15.	6.906"	HPS-5615			
16.	7"	HPS-5616			
17.	7.5/8"	HPS-5617			
18.	7.3/4"	HPS-5618			
S. No.	Insert Carrier for Casing Pipe				
19.	8.5/8"	HPS-5619	9.5/8"	HPS-566	500
20.	9.5/8"	HPS-5620			
21.	9.5/8"	HPS-5621	10.3/4"	HPS-567	500
22.	9.7/8"	HPS-5622			
23.	10"	HPS-5623			
24.	10.3/4"	HPS-5624	12.3/4"	HPS-568	500
25.	11.3/4"	HPS-5625			
26.	11.7/8"	HPS-5626			
27.	12.3/4"	HPS-5627	14"	HPS-569	500
28.	12.3/4"	HPS-5628			
29.	13.3/8"	HPS-5629			
30.	13.1/2"	HPS-5630			
31.	13.5/8"	HPS-5631			
32.	14"	HPS-5632			

S. No.	Insert Carrier for Drill Collar with Zip Groove				
33.	4.3/4"	HPS-5633	4.1/2"	HPS-571	150
34.	5.1/4"	HPS-5634	5.1/2"	HPS-572	150
35.	6.1/4"	HPS-5635	6.3/4"	HPS-573	150
36.	6.1/2"	HPS-5636			
37.	6.3/4"	HPS-5637			
38.	7"	HPS-5638			
39.	8"	HPS-5639	8.1/2"	HPS-574	150
40.	8.1/4"	HPS-5640			
41.	8.1/2"	HPS-5641			
42.	8.3/4"	HPS-5642			
43.	9"	HPS-5643	9.1/2"	HPS-575	150
44.	9.1/2"	HPS-5644			
45.	9.3/4"	HPS-5645			
46.	10"	HPS-5646			

Optional Accessories:

S. No.	Description	Part No.
1.	Guide Plate 5.7/8"	HPS-534
2.	Guide Plate 6.5/8"	HPS-535
3.	3-Point Lifting Rope for Slip Segment	HPS-536
4.	4-Point Lifting Rope for Hydraulic Power Slip	HPS-537
5.	Insert Carrier Lifting Tool	HPS-538
6.	Top Wear Guide	HPS-539