

KITCHEN'S CRANE & EQUIPMENT

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2020 POWER-SLIDE PS300

1 300- ton Capacity Slide System Consisting of:

- Total 116' of slide track with lifting hooks (4 x 19'; 4 x 10' of track)
- Total 4 x 75-ton slide shoes
- Total 2x hydraulic cylinders with push / pull function
- Track connectors w/ locking pins
- Total 1 x gallon container of graphite
- Painted Power-Slide Blue
- Operations Manual

8 Hydraulic Hoses: 50' length, 10,000 psi, with quick connect couplings

100-ton Capacity Aluminum Hydraulic Cylinder (4)

- 17.8" tall
- 9.74" stroke

Enterpac Electric Split Flow Hydraulic Pump

- 4 outlets
- 4/3 Solenoid Valve
- 40-gallon reservoir
- 460V
- Note: pump is used but is set to factory specifications and has less than 20 hours under load



WARNINGS

- Configuration and operation of the system must be supervised by qualified personnel.
- DO NOT EXCEED the loading for push/pull shown in the table.
- Operator shall be experienced with the safe operation of dual action high pressure hydraulics.
- Hydraulic pump unit, hoses, & fittings must be rated for a minimum pressure of 10,000 psi. The sliding surfaces shall be clean, dry, and covered with graphite coating at all times.
- Perform a complete system inspection of all components before operation.
- Verify supporting surface has adequate bearing capacity at all cribbing locations.

SETUP REQUIREMENTS

- Track supports (cribbing) must be properly stabilized and capable of supporting required loads.
- Supports must be located below track splice locations.
- Tracks must be installed and maintained level and parallel to each other during operation.
- Load must be evenly distributed over the surface of the skid shoe.
- Center to center spacing of shoes along the track length must equal or exceed center to center support distance.

OPERATION

- Push/pull cylinders must move the load in unison to avoid damage to the system. Operator must ensure that pressure is distributed to the cylinders as necessary to ensure uniform movement.

ADVANTAGES

- Lower profile, stronger, more stable, and higher web crippling capacity when compared to competing products.
- Full in-house professional engineering, 3D-modeling & simulation support available upon request.
- Custom solutions available for your unique project.
- Designed and fabricated in the USA with pride.

Center to Center Cribbing Span	Vertical Push Load per shoe	Vertical Pull Load per shoe
(feet)	(tons)	(tons)
Continuously Supported	75	40.5
0.5	75	40.5
1	75	40.5
1.5	75	40.5
2	75	40.5
2.5	75	40.5
3	75	40.5
3.5	75	40.5
4	62.5	40.5
4.5	55	40.5
5	50	40.5
5.5	45	40.5
6	42.5	40.5
6.5	40	40
7	37.5	37.5
7.5	35	35
8	32.5	32.5
8.5	30	30
9	27.5	27.5
9.5	25	25
10	25	25
10.5	22.5	22.5
11	22.5	22.5
11.5	22.5	22.5
12	20	20
12.5	20	20
13	20	20
13.5	17.5	17.5
14	17.5	17.5
14.5	17.5	17.5
15	17.5	17.5
15.5	15	15
16	15	15
16.5	15	15
17	15	15
17.5	15	15
18	12.5	12.5
18.5	12.5	12.5
19	12.5	12.5

