

Pile Testing Jacks - Plain Ram, Single Acting, Spherical Saddle (Type - Load Return)

Capacity 500 – 2000 ton | Stroke 150 - 200 mm | Max Working Pressure 700 bar

Features / Application

- Spherical saddle reduces damage to jack against off-center load
- Gauge port on Jack to connect Pressure gauge
- Safe & load proven lifted handles.



PLPS Series - P: Planet, L: Single acting Load return, P: Plain ram, S: Spherical saddle (Tilting angle 5° Max), 500 Capacity - ton, 150 Stroke - mm

Rated capacity (ton)	Capacity @ 700 bar (kN)	Stroke (mm)	Model	Effective area (cm ²)	Oil cap. (cc)	"A" Closed height (mm)	"B" Cylinder OD (mm)	"C" Bore dia. (mm)	"D" Ram dia. (mm)	"E" Saddle dia. (mm)	Wt. (Approx) (kg)
500	4948	150	PLPS 500-150	706.9	10603	415	400	300	250	230	339
500	4948	200	PLPS 500-200	706.9	14137	465	400	300	250	230	379
1000	9930	150	PLPS 1000-150	1418.6	21279	510	560	425	350	330	800
1000	9930	200	PLPS 1000-200	1418.6	28373	560	560	425	350	330	887
1500	15154	150	PLPS 1500-150	2164.8	32472	595	705	525	450	400	1488
1500	15154	200	PLPS 1500-200	2164.8	43296	645	705	525	450	400	1618
2000	20458	150	PLPS 2000-150	2922.5	43837	665	810	610	525	495	2204
2000	20458	200	PLPS 2000-200	2922.5	58450	715	810	610	525	495	2377

- Higher capacity and customised solutions on request
- Specifications are subject to change due to continual improvement
- Capacity and stroke Specified are maximum safe limits. As safe practice, use at 80% of rating

Pile Testing Jacks - Threaded Ram with Safety Lock Nut, Single Acting, Spherical Saddle (Type - Load Return)

Capacity 500 – 2000 ton | Stroke 150 - 200 mm | Max Working Pressure 700 bar

Features / Application

- Spherical saddle reduces damage to jack against off-center load
- Gauge port on Jack to connect Pressure gauge
- Safe & load proven lifted handles.



PLTS Series - P: Planet, L: Single acting Load return, T: Threaded ram, S: Spherical saddle (Tilting angle 5° Max), 500 Capacity - ton, 150 Stroke mm

Rated capacity (ton)	Capacity @ 700 bar (kN)	Stroke (mm)	Model	Effective area (cm ²)	Oil cap. (cc)	"A" Closed height (mm)	"B" Cylinder OD (mm)	"C" Bore dia. (mm)	"D" Ram dia. (mm)	"E" Saddle dia. (mm)	Wt. (Approx) (kg)
500	4948	150	PLTS 500-150	706.9	10603	465	400	300	250	230	405
500	4948	200	PLTS 500-200	706.9	14137	515	400	300	250	230	446
1000	9930	150	PLTS 1000-150	1418.6	21279	570	560	425	350	330	990
1000	9930	200	PLTS 1000-200	1418.6	28373	620	560	425	350	330	1069
1500	15154	150	PLTS 1500-150	2164.8	32472	660	705	525	450	400	1835
1500	15154	200	PLTS 1500-200	2164.8	43296	710	705	525	450	400	1966
2000	20458	150	PLTS 2000-150	2922.5	43837	750	810	610	525	495	2713
2000	20458	200	PLTS 2000-200	2922.5	58450	800	810	610	525	495	2886

- Higher capacity and customised solutions on request
- Specifications are subject to change due to continual improvement
- Capacity and stroke Specified are maximum safe limits. As safe practice, use at 80% of rating

Pile Testing Jacks - Plain Ram, Double Acting, Spherical Saddle (Type - Oil Return)

Capacity 500 – 2000 ton | Stroke 150 - 200 mm | Max Working Pressure 700 bar

Features / Application

- Spherical saddle reduces damage to jack against off-center load
- Safety Pressure Relief valve in return line
- Gauge port on Jack to connect Pressure gauge
- Safe & load proven lifted handles.



PDPS Series - P: Planet, D: Double acting Oil return, P: Plain ram, S: Spherical saddle (Tilting angle 5° Max), 500 Capacity - ton, 150 Stroke mm

Rated capacity (ton)	Capacity @ 700 bar (kN)	Stroke (mm)	Model	Effective area (cm ²)	Oil cap. (cc)	"A" Closed height (mm)	"B" Cylinder OD (mm)	"C" Bore dia. (mm)	"D" Ram dia. (mm)	"E" Saddle dia. (mm)	Wt. (Approx) (kg)
500	4948	150	PDPS 500-150	706.9	10603	450	400	300	240	230	367
500	4948	200	PDPS 500-200	706.9	14137	500	400	300	240	230	407
1000	9930	150	PDPS 1000-150	1418.6	21279	560	560	425	350	330	896
1000	9930	200	PDPS 1000-200	1418.6	28373	610	560	425	350	330	975
1500	15154	150	PDPS 1500-150	2164.8	32472	620	705	525	420	400	1542
1500	15154	200	PDPS 1500-200	2164.8	43296	670	705	525	420	400	1665
2000	20458	150	PDPS 2000-150	2922.5	43837	705	810	610	525	495	2360
2000	20458	200	PDPS 2000-200	2922.5	58450	755	810	610	525	495	2539

- Higher capacity and customised solutions on request
- Specifications are subject to change due to continual improvement
- Capacity and stroke Specified are maximum safe limits. As safe practice, use at 80% of rating