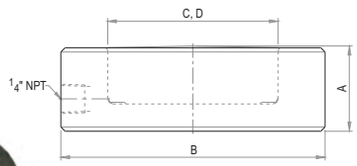
PANCAKE / SUPER FLAT JACKS Plain Ram, Single Acting, Load Return



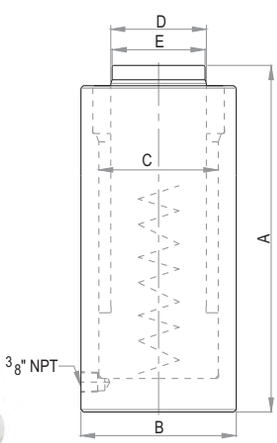
FEATURES :

- Used in confined area with extremely low clearance
- Compact, pancake design, heat treated alloy steel body for better life.
- Hard chrome plated ram to resist scoring and corrosion.
- High pressure long life seals.
- Ideally suited for precision lifting, alignment of machinery, heavy structures & removal of pulleys/sprockets on taper seats
- Ensure no gap between jack & load to be lifted, to utilize full stroke of 10 mm

TECHNICAL SPECIFICATION

Model No.	Capacity (Ton)	Stroke (mm)	Effective Area (cm2)	Oil Capacity (CC)	Collapsed Height (A) (mm)	Cylinder OD (B) (mm)	Bore Dia. (C) (mm)	Ram Dia. (D) (mm)	Weight (Kgs.)
PSFC-10	10	10	15.9	16	30	80	45	45	1.2
PSFC-20	20	10	31.2	32	35	100	63	63	2.2
PSFC-30	30	10	44.2	44	40	110	75	75	3.0
PSFC-50	50	10	78.5	79	50	140	100	100	6.0
PSFC-100	100	10	153.9	154	70	180	140	140	14
PSFC-150	150	10	227.0	227	75	220	170	170	22
PSFC-200	200	10	314.2	315	80	255	200	200	34
PSFC-300	300	10	452.4	453	90	310	240	240	55

GENERAL PURPOSE CYLINDERS - Single Acting Plain Ram, Spring Return / Load Return



FEATURES :

- Multipurpose jacks
- High strength, Heat treated alloy steel body for better life.
- Hard chrome - plated ram to resist scoring & corrosion.
- Working Pressure – 700 Bar
- Gland Nut designed to withstand dead end load
- Base mounting holes & collar threads are optional
- Used in horizontal & vertical directions
- These jacks are an excellent choice for Maintenance, positioning, bending, pressing in fabrication, construction, Heavy industries, power & process plants, shipyards etc
- Also available in Spherical Saddle design.

TECHNICAL SPECIFICATION

Model No.	Capacity (Ton)	Stroke (mm)	Effective Area (cm2)	Oil Capacity (CC)	Collapsed Height (A) (mm)	Cylinder OD (B) (mm)	Bore Dia. (C) (mm)	Ram Dia. (D) (mm)	Saddle Dia. (E) (mm)	Weight (Kgs.)
PSG-52	5	50	8.0	40	135	45	32	25	25	1.5
PSG-54	5	100	8.0	80	185	45	32	25	25	1.9
PSG-56	5	150	8.0	121	235	45	32	25	25	2.4
PSG-102	10	50	15.9	80	135	60	45	35	35	2.5
PSG-104	10	100	15.9	159	185	60	45	35	35	3.2
PSG-106	10	150	15.9	239	235	60	45	35	35	4.0
PSG-108	10	200	15.9	318	285	60	45	35	35	4.8
PSG-152	15	50	23.8	119	140	70	55	45	43	4.1

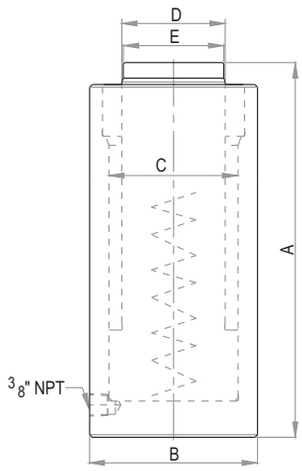
HYDRAULIC JACKS / CYLINDERS

TECHNICAL SPECIFICATION

Model No.	Capacity (Ton)	Stroke (mm)	Effective Area (cm2)	Oil Capacity (CC)	Collapsed Height (A) (mm)	Cylinder OD (B) (mm)	Bore Dia. (C) (mm)	Ram Dia. (D) (mm)	Saddle Dia. (E) (mm)	Weight (Kgs.)
PSG-154	15	100	23.8	238	190	70	55	45	43	5.2
PSG-156	15	150	23.8	356	240	70	55	45	43	6.3
PSG-158	15	200	23.8	475	290	70	55	45	43	7.4
PSG-202	20	50	31.2	156	145	80	63	50	48	5.3
PSG-204	20	100	31.2	312	195	80	63	50	48	6.7
PSG-206	20	150	31.2	468	245	80	63	50	48	8.1
PSG-208	20	200	31.2	623	295	80	63	50	48	9.5
PSG-252	25	50	38.5	192	155	90	70	55	53	7.2
PSG-254	25	100	38.5	385	205	90	70	55	53	9.0
PSG-256	25	150	38.5	577	255	90	70	55	53	10.8
PSG-258	25	200	38.5	770	305	90	70	55	53	12.6
PSG-302	30	50	44.2	221	160	100	75	60	58	9.0
PSG-304	30	100	44.2	442	210	100	75	60	58	11.3
PSG-306	30	150	44.2	663	260	100	75	60	58	13.6
PSG-308	30	200	44.2	884	310	100	75	60	58	15.8
PSG-502	50	50	78.5	393	175	130	100	80	78	16.5
PSG-504	50	100	78.5	785	225	130	100	80	78	20.5
PSG-506	50	150	78.5	1178	275	130	100	80	78	24.5
PSG-508	50	200	78.5	1571	325	130	100	80	78	28.5
PSG-752	75	50	113.1	565	180	155	120	95	93	24.0
PSG-754	75	100	113.1	1131	230	155	120	95	93	29.5
PSG-756	75	150	113.1	1696	280	155	120	95	93	35.0
PSG-758	75	200	113.1	2262	330	155	120	95	93	41.0
PSG-1002	100	50	153.9	770	185	180	140	110	108	33.0
PSG-1004	100	100	153.9	1539	235	180	140	110	108	40.5
PSG-1006	100	150	153.9	2309	285	180	140	110	108	48.0
PSG-1008	100	200	153.9	3079	335	180	140	110	108	55.5
PSG-1502	150	50	227.0	1135	200	220	170	140	138	54.0
PSG-1504	150	100	227.0	2270	250	220	170	140	138	65.5
PSG-1506	150	150	227.0	3405	300	220	170	140	138	77.0
PSG-1508	150	200	227.0	4540	350	220	170	140	138	88.5
PSG-2002	200	50	314.2	1571	215	255	200	160	158	76.0
PSG-2004	200	100	314.2	3142	265	255	200	160	158	91.0
PSG-2006	200	150	314.2	4712	315	255	200	160	158	106.5
PSG-2008	200	200	314.2	6282	365	255	200	160	158	122.5
PSG-2502	250	100	380.1	3801	270	280	220	180	177	114
PSG-2504	250	150	380.1	5702	320	280	220	180	177	133
PSG-2506	250	200	380.1	7603	370	280	220	180	177	152
PSG-3004	300	100	452.4	4524	285	310	240	200	196	149
PSG-3006	300	150	452.4	6786	335	310	240	200	196	173
PSG-3008	300	200	452.4	9048	385	310	240	200	196	197
PSG-4004	400	100	572.6	5726	315	350	270	220	216	209
PSG-4006	400	150	572.6	8588	365	350	270	220	216	239
PSG-4008	400	200	572.6	11451	415	350	270	220	216	269
PSG-5004	500	100	-	7068	350	405	-	250	-	282
PSG-5006	500	150	-	10602	400	405	-	250	-	318
PSG-6004	600	100	-	9070	400	450	-	280	-	418
PSG-6006	600	150	-	13618	450	450	-	280	-	475
PSG-8004	800	100	-	12560	410	530	-	320	-	595
PSG-8006	800	150	-	18840	460	530	-	320	-	670
PSG-10004	1000	100	-	15900	540	590	-	360	-	870
PSG-10006	1000	150	-	23850	590	590	-	360	-	960

- Higher capacity and customized Jacks on request.
- Specifications are subject to change.
- Capacity and Stroke specified are maximum safe limits. Use at 80% of rating as safe practice.
- Spherical Saddles deign jacks are also available on request.
- High Tonnage Jacks are Load return type

GENERAL PURPOSE JACKS - With Collar Threads & Base Fixturing Holes Plain Ram, Single Acting, Spring Return



FEATURES :

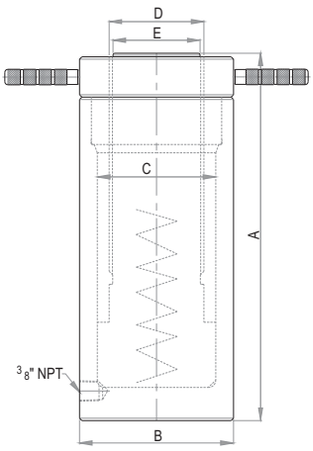
- High strength, Heat treated alloy steel body for better life.
- Hard chrome - plated ram to resist scoring & corrosion.
- Working Pressure – 700 Bar
- Gland Nut designed to withstand dead end load
- Base mounting holes, collar threads & ram threads for fixturing
- Suited for horizontal & vertical applications
- Multipurpose application jacking, structural fabrication, presses in all industrial segments

PCTG SERIES

TECHNICAL SPECIFICATION

Model No.	Capacity (Ton)	Stroke (mm)	Effective Area (cm2)	Oil Capacity (CC)	Collapsed Height (A) (mm)	Cylinder OD (B) (mm)	Bore Dia. (C) (mm)	Ram Dia. (D) (mm)	Saddle Dia. (E) (mm)	Weight (Kgs.)
PCTG 5-28	5	28	6.2	17	110	38	28	25	25	1.0
PCTG 5-83	5	83	6.2	51	165	38	28	25	25	1.5
PCTG 5-133	5	133	6.2	82	216	38	28	25	25	1.9
PCTG 5-184	5	184	6.2	113	273	38	28	25	25	2.4
PCTG 5-235	5	235	6.2	145	324	38	28	25	25	2.9
PCTG 10-25	10	25	15.9	40	92	58	45	38	38	1.9
PCTG 10-54	10	54	15.9	86	121	58	45	38	38	2.5
PCTG 10-105	10	105	15.9	167	171	58	45	38	38	3.5
PCTG 10-156	10	156	15.9	248	248	58	45	38	38	5.1
PCTG 10-206	10	206	15.9	328	298	58	45	38	38	6.2
PCTG 15-25	15	25	23.8	59	124	70	55	45	45	3.7
PCTG 15-54	15	54	23.8	128	149	70	55	45	45	4.5
PCTG 15-105	15	105	23.8	249	200	70	55	45	45	6.0
PCTG 15-156	15	156	23.8	371	272	70	55	45	45	8.2
PCTG 15-206	15	206	23.8	489	322	70	55	45	45	9.7
PCTG 25-25	25	25	38.5	96	140	86	70	56	54	6.4
PCTG 25-51	25	51	38.5	196	165	86	70	56	54	7.5
PCTG 25-102	25	102	38.5	393	216	86	70	56	54	10.0
PCTG 25-159	25	159	38.5	612	273	86	70	56	54	12.4
PCTG 25-206	25	209	38.5	804	324	86	70	56	54	14.8
PCTG 25-260	25	260	38.5	1001	375	86	70	56	54	17.1
PCTG 50-51	50	51	70.9	361	175	127	95	80	65	17.4
PCTG 50-103	50	103	70.9	730	227	127	95	80	65	22.6
PCTG 50-159	50	159	70.9	1127	283	127	95	80	65	28.1
PCTG 50-337	50	337	70.9	2389	460	127	95	80	65	45.7
PCTG 75-156	75	156	113.1	1764	285	146	120	95	71	37.5
PCTG 75-333	75	333	113.1	3766	492	146	120	95	71	64.7
PCTG 95-168	95	168	132.7	2230	357	177	130	105	85	69.0
PCTG 95-260	95	260	132.7	3451	449	177	130	105	85	86.7

GENERAL PURPOSE JACKS - With Safety Lock Nut Threaded Ram, Single Acting, Spring Return



FEATURES :

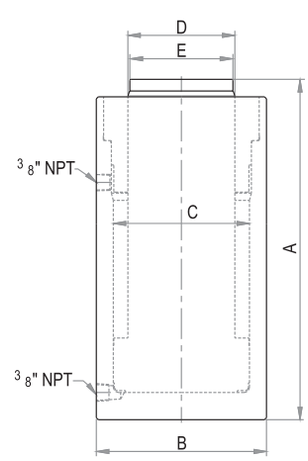
- High strength, Heat treated alloy steel body for better life.
- Blackodised ram.
- Working Pressure – 700 Bar
- Gland Nut designed to withstand dead end load
- General application jacks
- Threaded ram with mechanical safety lock
- Adequate gripping by grooved saddle.
- High pressure long life seals.
- Bottom mounting holes for bolting.
- Custom strokes and tilting saddle available n request.
- These jacks are an excellent choice for maintenance, ideal for wide range of applications at construction site, mills, railway workshops, power plants, transformer lifting and industrial maintenance where lifting load is for longer period.

TECHNICAL SPECIFICATION

Model No.	Capacity (Ton)	Stroke (mm)	Effective Area (cm2)	Oil Capacity (CC)	Collapsed Height (A) (mm)	Cylinder OD (B) (mm)	Bore Dia. (C) (mm)	Ram Dia. (D) (mm)	Saddle Dia. (E) (mm)	Weight (Kgs.)
PST 10-150	10	150	15.9	239	245	60	45	40	34	4.5
PST 15-150	15	150	23.8	356	250	70	55	50	43	6.5
PST 20-150	20	150	31.2	468	260	80	63	55	48	9.0
PST 25-150	25	150	38.5	577	270	90	70	55	50	11.5
PST 30-150	30	150	44.2	663	275	100	75	60	55	15.0
PST 50-150	50	150	78.5	1178	290	130	100	80	75	27.0
PST 75-150	75	150	113.1	1696	295	155	120	95	89	39.0
PST 100-150	100	150	153.9	2309	305	180	140	110	103	54.0
PST 150-150	150	150	227.0	3405	325	220	170	140	133	87.5
PST 200-150	200	150	314.2	4712	340	255	200	160	152	122
PST 250-150	250	150	380.1	5702	350	280	220	180	170	154
PST 300-150	300	150	452.4	6786	370	310	240	200	192	202
PST 400-150	400	150	572.6	8588	405	350	270	220	212	283
PST 500-150	500	150	-	10602	475	405	-	250	-	350
PST 600-150	600	150	-	13618	550	450	-	280	-	475
PST 800-150	800	150	-	18840	570	530	-	320	-	670
PST 1000-150	1000	150	-	23850	600	590		360	-	960

- High Tonnage Jacks are Load return type

MULTIPURPOSE JACKS – Double Acting Plain Ram, Oil Return



FEATURES :

- High Strength, Alloy steel body for better life. Double acting.
- Hard chrome plated ram to resist scoring and corrosion
- Ideal for heavy duty application.
- High pressure long life seals.
- Suits general lifting & push-pull applications
- Base mounting holes & collar threads are optional
- Safety Pressure Relief valve in return port prevents damage, in case of accidental over pressurization due to blockage in return line
- Pile load testing, box pushing, ship lifting & hydraulic presses
- These jacks are designed to provide oil force in both the advance and retraction of ram, in vertical and horizontal position, where cycle time is crucial. These are mainly used for hydraulic testing machines and for lifting lowering, spreading, shifting structures, bridges, heavy machinery etc.
- Also available in Spherical Saddle design.

PST SERIES