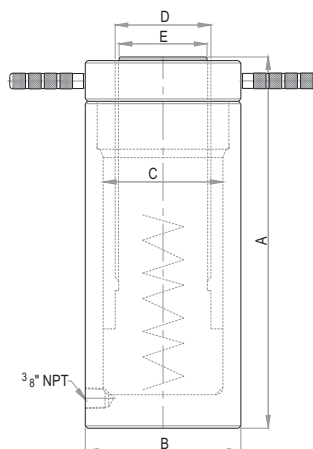


GENERAL PURPOSE JACKS - With Safety Lock Nut Threaded Ram, Single Acting, Spring Return



FEATURES :

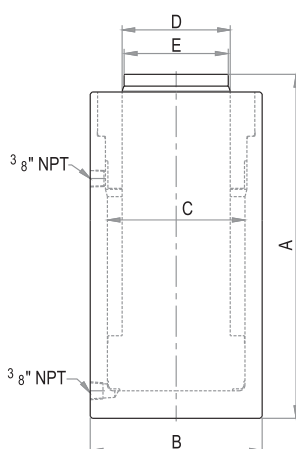
- ▶ High strength, Heat treated alloy steel body for better life.
- ▶ Blackodised ram.
- ▶ Working Pressure – 700 Bar
- ▶ Gland Nut designed to withstand dead end load
- ▶ General application jacks
- ▶ Threaded ram with mechanical safety lock
- ▶ Adequate gripping by grooved saddle.
- ▶ High pressure 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 (cm ²)	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



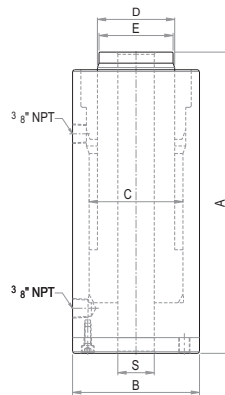
FEATURES :

- ▶ 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.

TECHNICAL SPECIFICATION

Model No.	Capacity (Ton)	Stroke (mm)	Effective Area (cm ²)	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.)
PDG 10-150	10	150	15.9	239	275	75	45	30	28	8
PDG 15-150	15	150	23.8	356	280	85	55	40	38	11
PDG 20-150	20	150	31.2	468	285	95	63	50	48	14
PDG 25-150	25	150	38.5	577	295	95	70	55	53	14.3
PDG 30-150	30	150	44.2	663	305	100	75	55	53	15.6
PDG 50-150	50	150	78.5	1178	305	130	100	70	67	26.3
PDG 75-150	75	150	113.1	1696	305	155	120	90	87	38.5
PDG 100-150	100	150	153.9	2309	310	180	140	110	106	53.5
PDG 150-150	150	150	227.0	3405	320	220	170	140	137	84
PDG 200-150	200	150	314.2	4712	345	255	200	150	146	116
PDG 250-150	250	150	380.1	5702	350	280	220	180	177	148
PDG 300-150	300	150	452.4	6786	365	310	240	180	177	181
PDG 400-150	400	150	572.6	8588	385	350	270	220	216	255
PDG 500-150	500	150	-	12063	470	400	-	250	-	360
PDG 600-150	600	150	-	14430	480	460	-	280	-	489
PDG 800-150	800	150	-	18840	520	520	-	300	-	698
PDG 1000-150	1000	150	-	23850	550	580	-	350	-	9745

MULTIPURPOSE JACKS - Double Acting with Collar Threads & Base Mounting Holes Plain Ram, Oil Return



FEATURES :

- ▶ High strength, Heat treated alloy steel body for better life.
- ▶ Suits general lifting & push-pull applications
- ▶ Safety Pressure Relief valve in return port prevents damage, in case of accidental overpressurization due to blockage in return line
- ▶ Pile load testing, box pushing, ship lifting & hydraulic presses
- ▶ Also available in Spherical Saddle design.

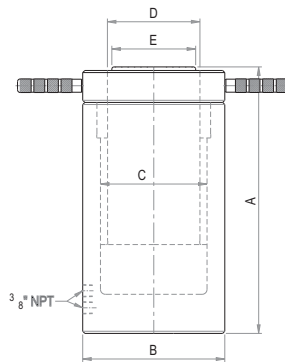
TECHNICAL SPECIFICATION

Model No.	Capacity (Ton)	Stroke (mm)	Effective Area (cm ²)	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.)
PDCT 10-255	10	255	15.9	406	410	75	45	35	33	12.5
PDCT 10-305	10	305	15.9	485	460	75	45	35	33	14
PDCT 30-210	30	210	44.2	928	390	100	75	55	53	19
PDCT 30-370	30	370	44.2	1635	550	100	75	55	53	27
PDCT 50-155	50	155	70.9	1099	330	130	95	80	77	30.5
PDCT 50-335	50	335	70.9	2375	515	130	95	80	77	47
PDCT 50-510	50	510	70.9	3615	690	130	95	80	77	62.5
PDCT 75-155	75	155	103.9	1610	340	150	115	95	92	41.5
PDCT 75-335	75	335	103.9	3480	530	150	115	95	92	63.5
PDCT 95-170	95	170	132.7	2256	360	180	130	95	92	60.5
PDCT 95-335	95	335	132.7	4447	525	180	130	95	92	85.5
PDCT 95-460	95	460	132.7	6106	650	180	130	95	92	104.5
PDCT 140-155	140	155	201.1	3116	375	205	160	115	112	81.5
PDCT 140-335	140	335	201.1	6736	555	205	160	115	112	114.5
PDCT 140-460	140	460	201.1	9249	680	205	160	115	112	137.5
PDCT 200-150	200	150	283.5	4253	405	250	190	135	131	131.5
PDCT 200-330	200	330	283.5	9356	585	250	190	135	131	181
PDCT 200-460	200	460	283.5	13042	715	250	190	135	131	217
PDCT 200-610	200	610	283.5	17295	865	250	190	135	131	258
PDCT 325-155	325	155	452.4	7012	455	311	240	165	161	228.5
PDCT 325-305	325	305	452.4	13798	605	311	240	165	161	289.5
PDCT 325-460	325	460	452.4	20810	760	311	240	165	161	353
PDCT 325-610	325	610	452.4	27596	910	311	240	165	161	414.5

TECHNICAL SPECIFICATION

Model No.	Capacity (Ton)	Stroke (mm)	Effective Area (cm ²)	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.)
PDCT 440-155	440	155	615.8	9544	480	360	280	190	186	324
PDCT 440-305	440	305	615.8	18780	630	360	280	190	186	404.5
PDCT 440-460	440	460	615.8	28325	785	360	280	190	186	488
PDCT 440-610	440	610	615.8	37561	935	360	280	190	186	568.5
PDCT 520-155	520	155	730.6	11325	535	400	305	205	200	453
PDCT 520-305	520	305	730.6	22284	685	400	305	205	200	554
PDCT 520-460	520	460	730.6	33608	840	400	305	205	200	658
PDCT 520-610	520	610	730.6	44568	990	400	305	205	200	759

SPECIAL APPLICATION JACKS Threaded Ram with Safety Lock Nut, Double Acting, Oil Return



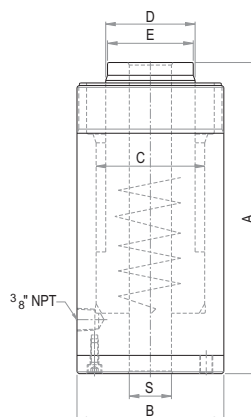
FEATURES :

- ▶ High strength, Heat treated alloy steel body for better life.
- ▶ Suits heavy lifting & pushing applications
- ▶ Safety Pressure Relief valve in return port prevents damage, in case of accidental over-pressurization due to blockage in return line
- ▶ Sustained load holding with lock nut in vertical & horizontal direction
- ▶ Fast & complete ram retraction
- ▶ Suited for Construction & Heavy industries
- ▶ Also available in Spherical Saddle design.

TECHNICAL SPECIFICATION

Model No.	Capacity (Ton)	Stroke (mm)	Effective Area (cm ²)	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.)
PDT 50-150	50	150	76.4	1146	325	140	105	85	79	35
PDT 50-300	50	300	76.4	2293	475	140	105	85	79	48
PDT 100-150	100	150	160.8	2412	350	195	150	125	115	76.5
PDT 100-300	100	300	160.8	4825	500	195	150	125	115	102
PDT 150-150	150	150	234.8	3524	380	235	180	140	132	110.5
PDT 150-300	150	300	234.8	7045	530	235	180	140	132	146
PDT 200-150	200	150	318.1	4772	400	270	210	170	160	159.5
PDT 200-300	200	300	318.1	9543	550	270	210	170	160	202
PDT 250-150	250	150	377.0	5655	400	300	230	180	170	197.5
PDT 250-300	250	300	377.0	11310	550	300	230	180	170	250
PDT 300-150	300	150	460.4	6907	410	330	255	205	195	248.5
PDT 300-300	300	300	460.4	13814	560	330	255	205	195	315.5
PDT 400-150	400	150	643.2	9650	435	385	300	250	235	357.5
PDT 400-300	400	300	643.2	19298	585	385	300	250	235	458

HOLLOW RAM JACKS - Single Acting Plain Ram, Spring Return



FEATURES :

- ▶ High Strength, Heat alloy steel body for better life.
- ▶ Hard chrome plated ram to resist scoring and corrosion.
- ▶ Bigger center hole designed allows to run screws/cables/studs to pull or push forces.
- ▶ Threaded stud & saddle optional
- ▶ Anchorage / Re-bar Testing
- ▶ High pressure long life seals.
- ▶ These jacks are designed to attach various puller attachments for removing pins, bushes, gears, bearings, pulleys, sprockets and general maintenance.