

■ **Max. Working Pressure 630 bar**

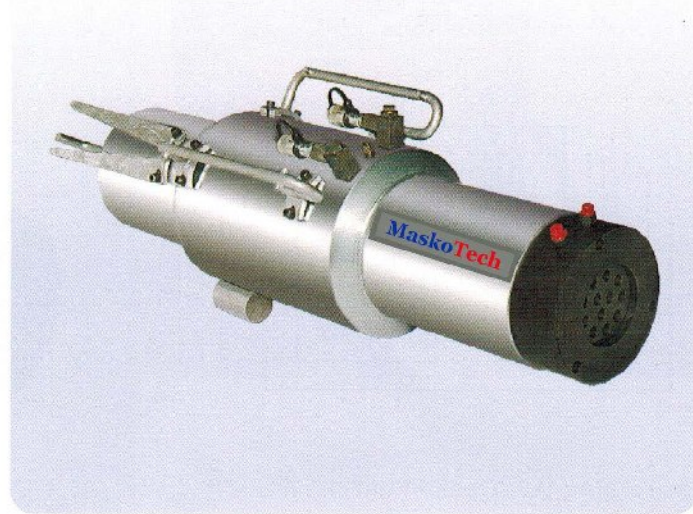
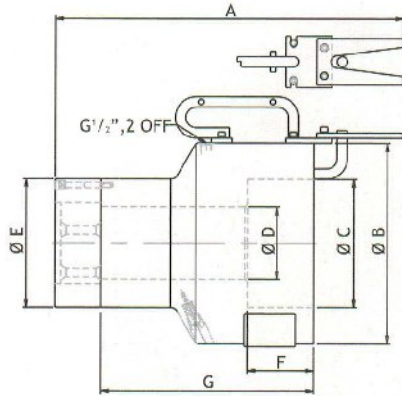
Features

- Pre-stressing & post tensioning of tendons in concrete structure.
- Wedgelock cylinder is built into the jack.
- Strand length for gripping is more.

Specifications:-

Capacity (ton)	Stroke (mm)	Model	Strand Arrangement	Effective Area (cm ²)	Oil Cap. (mm)	Close Height (mm) A	Cylinder OD (mm) B	Bore Dia. (mm) C	C'hole Dia. (mm) D	Ram Dia. (mm) E	Nose Dia. (mm) F	Wt. (Approx.) (kg)
520	200	MSJ - IWL Series	1906,2206	833.9	16680	825	520	420	195	340	310	800
680	300		3106	1253.5	37605	1000	580	485	225	360	340	1160

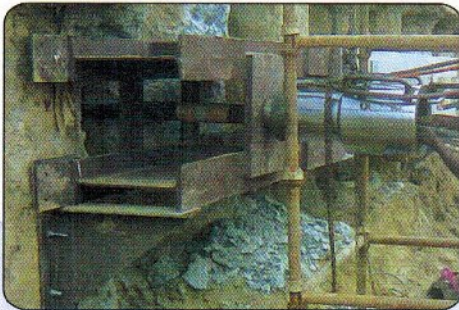
■ Higher capacity and customized solutions on request. ■ Specifications are subject to change due to continual improvement.



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Features

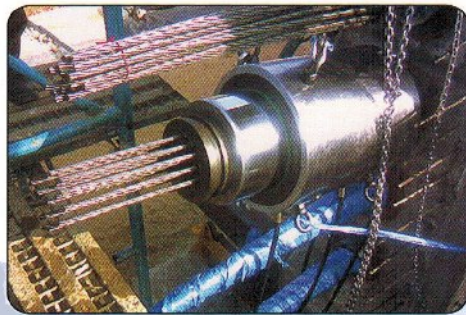
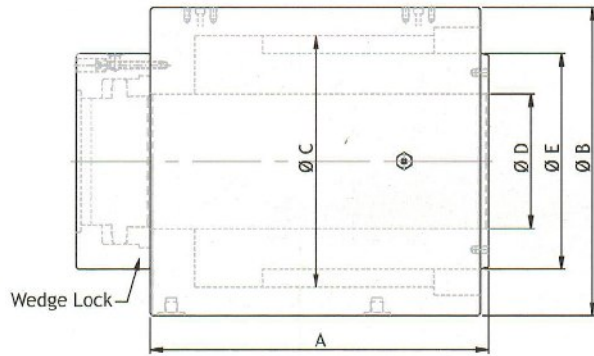
- Pre-stressing and post tensioning of tendons in concrete structure.
- Smaller diameter is advantageous for locating in cavities.
- Supplied fitted with mechanical stroke limiter (by-pass type) and retract side relief valve on jack.
- With wedgelock cylinder for different strand (tendon) configuration.



Specifications:-

Capacity (ton)	Stroke (mm)	Model	Strand Arrangement	Effective Area (cm ²)	Oil Cap. (cc)	Close Height (mm) A	Cylinder OD (mm) B	Bore Dia. (mm) C	C'hole Dia (mm) D	Nose Dia (mm) E	Depth (mm) F	Jack Height (mm) G	Wt. (Approx) (kg)
200	MSJ - LP Series		1205,706	309.6	6195	960	325	255	120	240	227	585	190
200			1205,706	361.2	7225	985	345	280	160	260	227	610	220
200			1205,706	361.2	8130	1060	345	280	160	260	252	660	235
200			1205,706	309.6	9290	1260	325	255	120	240	327	785	265
200			1205,706	361.2	10840	1290	345	280	160	260	327	815	285
300			1905,1206	500.3	8005	860	390	310	140	250	189	535	245
350		1905,1206	541.1	16235	1295	430	330	165	290	329	830	475	

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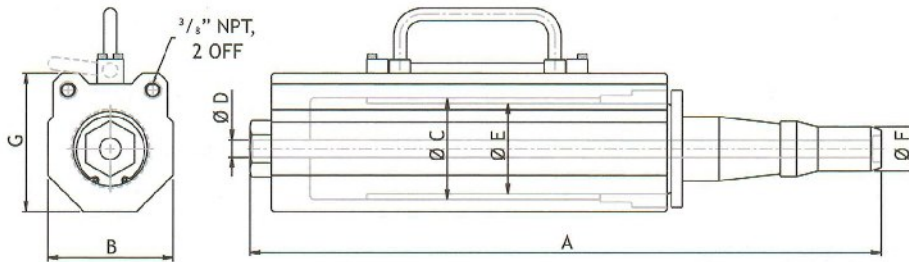
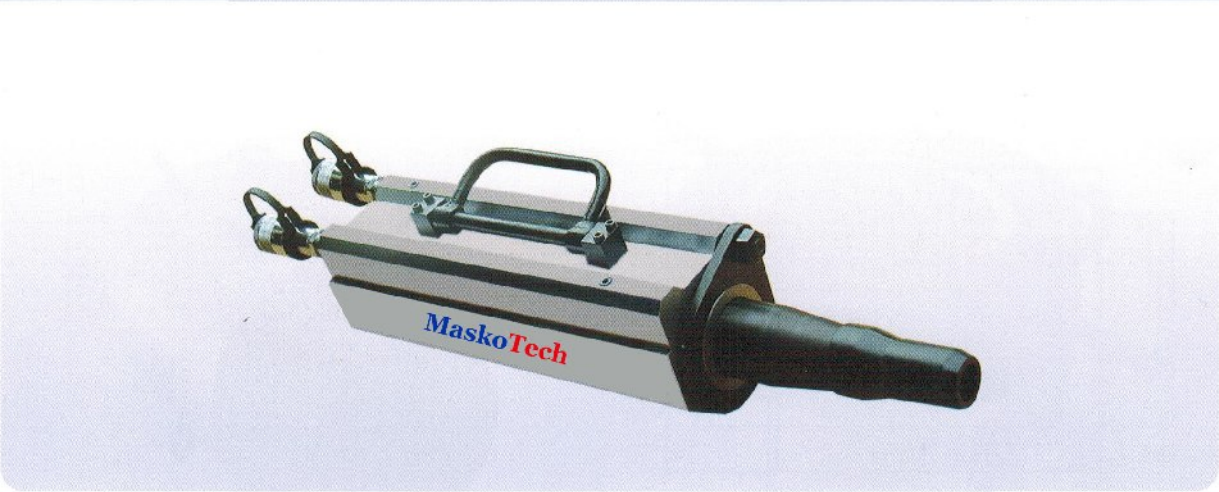
Features

- Pre-stressing and post tensioning of tendons in concrete structure.
- Ideal for applications where horizontal space available for insertion of the jack is less.
- With wedgelock cylinder for different strand (tendon) configuration.

Specifications:-

Capacity (ton)	Stroke (mm)	Model	Strand Arrangement	Effective Area (cm ²)	Oil Cap. (cc)	Working Pressure (kg/cm ²)	Close Height (mm) A	Cylinder OD (mm) B	Bore Dia. (mm) C	C'hole Dia. (mm) D	Ram Dia. (mm) E	Wt. (Approx.) (kg)
100	200	MSJ - SP Series	406	289.6	5795	345	405	255	210	70	160	165
200	200		1205,706	366.8	7340	545	395	330	275	145	230	185
300	200		1905,1206	593.5	11870	505	440	400	340	175	280	305
420	200		2205,1206	659.7	13195	637	530	440	370	190	300	450

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Features

- With master wedge in front, tendon length for gripping is less.
- Easy to insert jack over tendon in constricted space.
- Useful for removing slackness in long tendons.

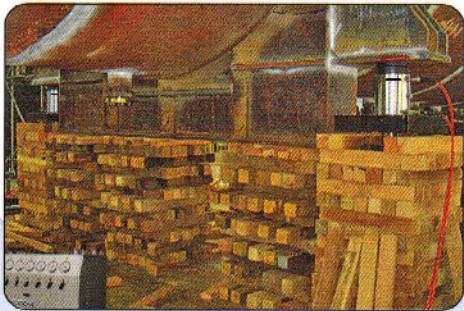
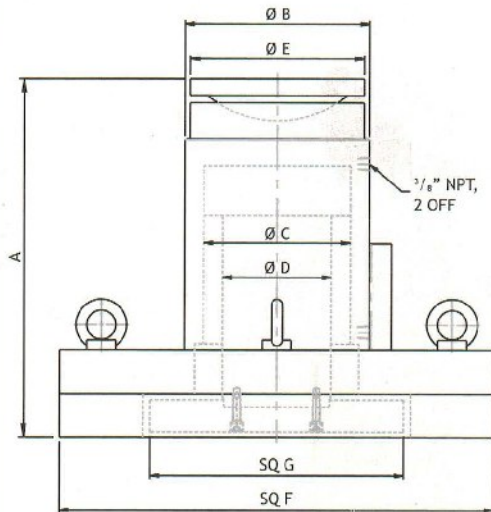
Specifications:

Capacity (ton)	Stroke (mm)	Model	Strand Arrangement	Effective Area (cm ²)	Oil Cap. (cc)	Working Pressure (kg/cm ²)	Close Height (mm) A	Cylinder Size (mm) BxG	Bore Dia. (mm) C	C'hole Dia. (mm) D	Ram Dia. (mm) E	Nose Dia. (mm) F	Wt. (Approx.) (kg)
25	220	MT - FG Series	06,05	42.6	940	587	595	118x130	95	20	85	42	25

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Double Acting Stage Lift Jacks

Capacity : 100 - 600 Tons / Stroke : 150 mm



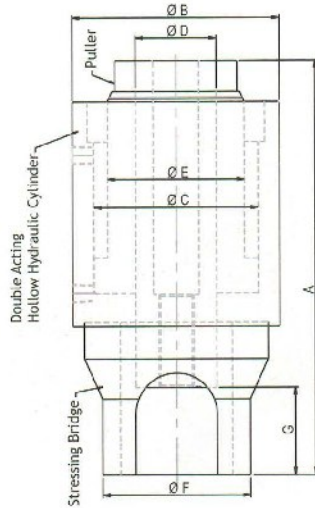
Features

- To lift heavy and large structure / vessel in stages.
- Normally used to lift to a height to insert support structure, truck chassis.

Specifications:-

Capacity (ton)	Stroke (mm)	Model	Effective Area (cm ²)	Oil Cap. (cc)	Close Height (mm) A	Cylinder OD (mm) B	Bore Dia. (mm) C	Ram Dia. (mm) D	Saddle Dia. (mm) E	Cylinder Base (mm) F	Ram Base (mm) G	Wt. (Approx.) (kg.)
100	150	MT - LJ 101	153.94	2310	450	175	140	110	170	Sq 525	Sq 270	300
200	150	MT - LJ 102	314.16	4715	495	255	200	150	240	Sq 600	Sq 350	480
300	150	MT - LJ 103	452.4	6786	560	310	240	180	305	Sq 680	Sq 420	700
400	150	MT - LJ 104	572.6	8589	640	350	270	220	336	Sq 750	Sq 450	1120
500	150	MT - LJ 105	706.9	10605	670	400	300	240	360	Sq 800	Sq 550	1230
600	150	MT - LJ 106	855.3	12830	705	430	330	270	405	Sq 900	Sq 600	1800

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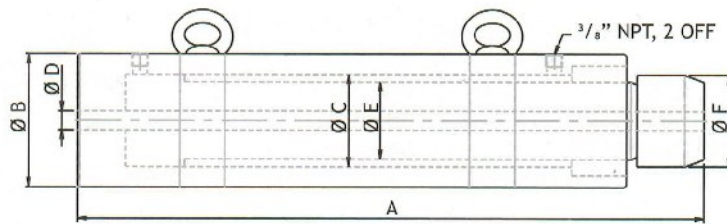
Features

- Used with high tensile threaded bars for pulling and locking.
- Short strokes for lifting and aligning segments as well as for temporary stressing.
- Long strokes for pulling and locking multiple tendons of concrete structure.
- The threaded bars are stressed as structural members too.

Specifications:-

Capacity (ton)	Stroke (mm)	Model	Macalloy Bar	Effective Area (cm ²)	Oil Cap. (cc)	Working Pressure (kg/cm ²)	Close Height (mm) A	Cylinder Dia. (mm) B	Bore Dia. (mm) C	C'hole Dia. (mm) D	Ram Dia. (mm) E	Stool Dia. (mm) F	Puller Height (mm) G	Wt. (Approx.) (kg)
50	100	MT - RBS 101	FN32	84.8	850	590	445	150	120	52	100	100	80	45
60	50	MT - RBS 102	FN26.5,32	92.9	465	646	406	180	135	67	110	140	76	52
60	100	MT - RBS 103	FN40,26.5	92.9	930	646	456	180	135	67	110	140	76	60
60	200	MT - RBS 104	FN040,26.5	92.9	1860	646	556	180	135	67	110	140	76	75
80	100	MT - RBS 105	FN26.5,32,36,40	130.2	1305	615	448	203	160	80	130	145	76	67
80	150	MT - RBS 106	FN40	130.2	1955	615	496	203	160	80	130	145	76	72
100	100	MT - RBS 107	FN25,26.5,32,36,40	156.1	1562	641	470	215	170	81	130	160	91	95
100	400	MT - RBS 108	FN25,26.5,32,36,40	156.1	6245	641	756	215	170	75	130	160	96	135
100	500	MT - RBS 109		183.6	9180	545	940	230	180	75	140	180	-	195
120	100	MT - RBS 110	FN50	183.6	1840	654	560	230	180	75	140	180	100	105
120	400	MT - RBS 111		183.6	7345	654	825	230	180	75	140	160	-	160
150	150	MT - RBS 112	FN50	243.3	3650	617	540	240	200	80	160	150	210	90
150	150	MT - RBS 113		220.1	3302	681	520	230	195	86	150	200	100	105
160	75	MT - RBS 114		243.2	1825	658	485	240	200	80	150	200	-	100
200	100	MT - RBS 115	Fn50	292.0	2920	685	277	290	215	75	160	-	-	120
300	500	MT - RBS 116		502.4	25120	597	975	360	280	100	240	340	-	630
400	500	MT - RBS 117		741.8	37090	539	1015	415	330	100	250	390	-	830

- Higher capacity and customized solutions on request.
- Specifications are subject to change due to continual improvement.



Features

- Tendon length for gripping is more.
- Long strokes for stressing long tendons in one pull.

Specifications:-

Capacity (ton)	Stroke (mm)	Model	Strand Arrangement	Effective Area (cm ²)	Oil Cap. (cc)	Working Pressure (kg/cm ²)	Close Height (mm) A	Cylinder Dia (mm) B	Bore Dia. (mm) C	C'hole Dia. (mm) D	Ram Dia. (mm) E	Nose Dia. (mm) F	Wt. (Approx.) (kg)
20	1000	MT - RG Series	05,06	1000	9710	206	1330	164	120	20	90	95	100
25	750		05,06	750	3475	541	1046	138	95	20	80	95	168
30	1000		05,06	1000	9030	332	1280	168	140	75	120	-	168

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