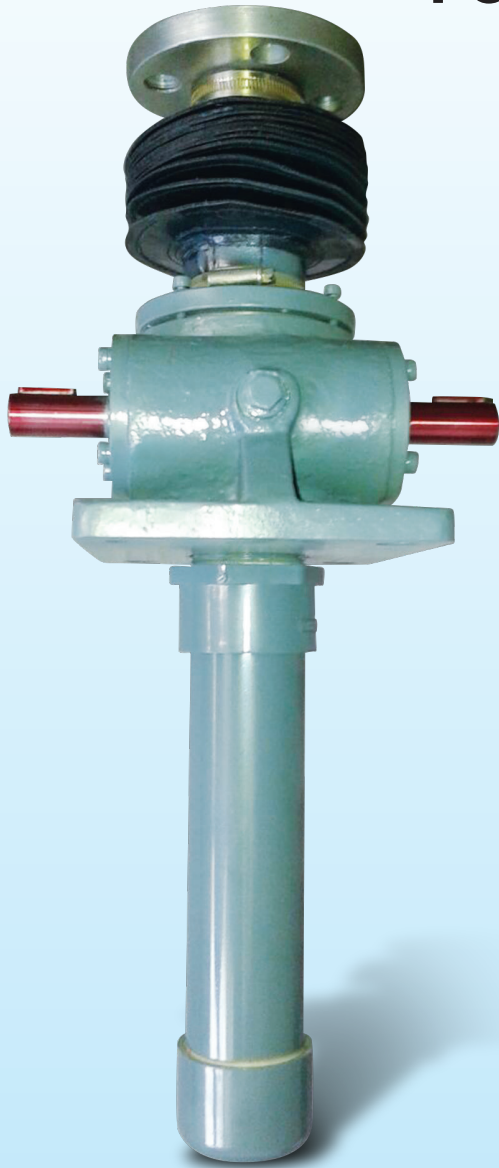




## POWER SCREWJACKS



Capacity - 0.5 Tons To 50 Tons

### Screw Types

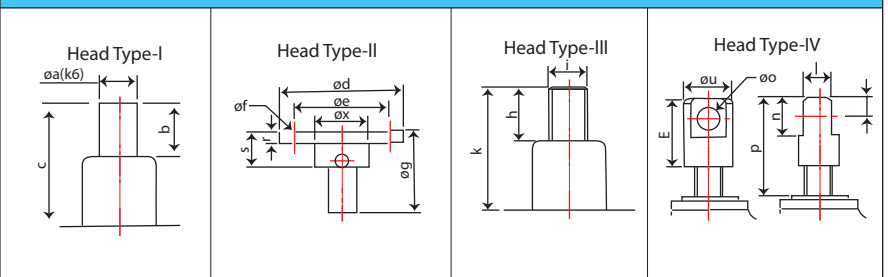
- 1) Trapesidal Machined Screw
- 2) Ball Screw
- 3) Anti Backlash Feature

### Head Types

#### SELECTION GUIDE

Model No.		1T	2.5T	5T	15T	20T	30T	50T	75T	100T
Lifting Capacity in MT		1	2.5	5	15	20	30	50	75	100
Lifting Screw Dia & Pitch		20x5	30x6	40x7	60x12	65x12	95x16	120x16	127x16	160x20
Lift in mm per turn of Input Shaft	L	0.25	0.26	0.3	0.3	0.375	0.375	0.5	0.5	0.5
Maximum Screw length	H	1	1.05	1.2	1	1.5	1.5	1.5	1.5	1.5
Efficiency	L	0.21	0.21	0.27	0.3	0.25	0.21	0.26	0.26	0.23
Efficiency	H	0.35	0.35	0.4	0.45	0.38	0.3	0.4	0.4	0.34
Motor power required	1500rpm	0.25	0.6	1.5	3.7	7.6	14	24	36	55
To lift load (Full cap.)	1000rpm	0.2	0.4	1.1	2.6	5.3	9.3	16	24	37
	1500rpm	0.4	1.5	4	10.9	23.6	37.5	46	70	143
	1000rpm	0.3	1.1	2.8	7.4	16	25	30.6	47	96
Max Screw length	Euler-I	200	300	400	400	600	900	1250	1500	1750
at full load	Euler-II	400	600	800	900	1000	1750	2750	3000	3500

#### SCREW ROD-END VARIANTS



Model/No./Capacity in Metric Ton.	1T	2.5T	5T	15T	20T	30T	35T	50T	75T	100T
Head Type-I	øa	14	20	25	40	50	75	80	100	140
	b	20	30	40	50	60	75	80	125	175
	c	30	46	51	73.5	80	83	100	150	200
	ød	65	98	122	150	185	215	260	300	355
	øe	50	75	90	110	140	170	200	225	280
	of	4xø7	4xø14	4xø18	4xø21	4xø26	6xø26	6xø30	4xø38	4xø38
Head Type-II	r	8	12	16	20	20	25	30	30	35
	s	20	30	36	50	60	75	80	70	125
	øx	30	40	55	70	90	120	130	140	155
	g	30	46	51	73.5	80	83	100	100	75
	h	20	30	36	50	60	75	80	125	175
Head Type-III	i	M14x12	M22x1.5	M30x2	M40x3	M50x3	M70x4	M80x3	M100x5	M100x5
	k	30	46	51	73.5	80	83	100	150	200
	l	20	30	35	45	60	80	105	120	160
	m	55	70	100	125	160	175	220	300	360
	n	25	50	50	100	80	100	160	200	280
Head Type-IV	øo	12	25	25	30	40	50	80	100	145
	øu	30	50	55	70	90	120	150	170	22
	v	12.5	25	25	30	40	50	80	100	140



ISO 9001 - 2008 CERTIFIED COMPANY

**GUARANTEE : Each piece is tested and guaranteed for a period of 12 MONTHS against manufacturing defect.**