

TC Series General Purpose Cylinders



- ▶ Single Acting Spring Return
- ▶ Solid Plunger with Hardened Saddle
- ▶ Smooth Piston Resist Friction and Corrosion
- ▶ Mounting Collar designed to hold full force

TLL Series Threaded Nut Cylinders



- ▶ High Tonnage Lifting Cylinders
- ▶ Mechanical Threaded Locking for Safe operations
- ▶ Perfect Solution for Construction activities
- ▶ Customized Longer stroke available on special Request

TCS Series Compact Profile Cylinders



- ▶ Best Solution where Minimal Stroke is Required
- ▶ Base Mounting Holes For Easy Fixturing
- ▶ Bronze Brazing on Stop Ring and Base of Plunger
- ▶ Comes with Handle in Some Models

Model	Cyl. Cap. (Ton)	Stroke (mm)	Collapsed Height (mm)
TC 51	5	25	110
TC 53		76	165
TC 55		127	215
TC 57		177	273
TC 59		232	323
TC 101		10	26
TC 102	54		121
TC 104	105		171
TC 106	156		247
TC 108	203		298
TC 1010	257		349
TC 1012	304		400
TC 1014	356		450
TC 251	25	26	139
TC 252		50	165
TC 254		102	215
TC 256		158	273
TC 258		210	323
TC 2510		261	374
TC 2512		311	425
TC 2514		362	476
TC 302	30	50	234
TC 304		102	285
TC 306		158	336
TC 308		210	387
TC 3010		261	438
TC 3012		311	489
TC 3014	362	540	
TC 502	50	50	176
TC 504		101	227
TC 506		159	282
TC 5010		261	384
TC 5013		337	460
TC 756	75	156	285
TC 7513		333	492
TC 1006	95	168	357
TC 10010		260	449

Model	Cyl. Cap. (Ton)	Stroke (mm)	Collapsed Height (mm)
TLL 502	50	50	335
TLL 504		100	385
TLL 506		150	345
TLL 508		250	445
TLL 1002	100	50	187
TLL 1004		100	237
TLL 1006		150	370
TLL 1008		250	470
TLL 1502	150	50	209
TLL 1504		100	259
TLL 1506		150	400
TLL 1508		250	500
TLL 2002	200	50	243
TLL 2004		100	294
TLL 2006		150	425
TLL 2008		250	525
TLL 2502	250	50	249
TLL 2504		100	299
TLL 2506		150	450
TLL 2508		250	550
TLL 3002	300	50	234
TLL 3004		100	285
TLL 3006		150	455
TLL 3008		250	555
TLL 4002	400	50	335
TLL 4004		100	385
TLL 4006		150	475
TLL 4008		250	575
TLL 5002	500	50	295
TLL 5004		100	345
TLL 5006		150	495
TLL 5008		250	595
TLL 6002	600	50	285
TLL 6004		100	492
TLL 6006		150	520
TLL 6008		250	620
TLL 8002	800	50	355
TLL 8004		100	405
TLL 8006		150	560
TLL 8008		250	660
TLL 10002	1000	50	385
TLL 10004		100	435
TLL 10006		150	600
TLL 10008		250	700

Model	Cyl. Cap. (Ton)	Stroke (mm)	Collapsed Height (mm)
TCS 101	10	30	90
TCS 201	20	50	115
TCS 302	30	50	120
TCS 502	50	60	125
TCS 1002	100	60	150
TCS 1502	150	60	175
TCS 2002	200	60	200



Single Stage Hand Pump



Two Stage Hand Pump With DCV

HYDRAULIC CYLINDERS / JACKS - 700 BAR



* tools with perfection

TSM Series Flat Jacks



- ▶ Flat Design Allows Operation in Close tight Spaces
- ▶ Single Acting & Spring Return
- ▶ Grooved, Hardened Piston Absorbs Full Force
- ▶ Provided With Carrying Handles in Some Models

Model	Cyl. Cap. (Ton)	Stroke (mm)	Collapsed Height (mm)
TSM 50	5	8	35
TSM 100	10	12	45
TSM 200	20	12	55
TSM 300	30	12	65
TSM 500	50	16	60
TSM 750	75	16	80
TSM 1000	100	16	85
TSM 1500	150	16	100
TSM 2000	200	16	115

TCH Series Hollow Ram Jacks



- ▶ Hollow Plunger design
- ▶ Best suitable for pull & Push operation
- ▶ Collar threads design to absorb full force
- ▶ Enhanced side loading capacity

Model	Cyl. Cap. (Ton)	Stroke (mm)	Collapsed Height (mm)
TCH100	10	50	160
TCH101		75	185
TCH102		100	210
TCH200	20	50	165
TCH201		100	215
TCH202		150	265
TCH300	30	50	185
TCH301		75	210
TCH302		100	235
TCH303		150	285
TCH500	50	75	220
TCH501		100	245
TCH600	60	75	235
TCH601		100	260
TCH602		150	310
TCH1000	100	75	265
TCH1001		100	290

TO Series Standard Multipurpose Jacks



- ▶ Multipurpose Applications
- ▶ Single Acting
- ▶ Plain Ram
- ▶ Spring Return

Model	Cyl. Cap. (Ton)	Stroke (mm)	Collapsed Height (mm)
TO 52	5	50	140
TO 54		100	190
TO 56		150	240
TO 102	10	50	140
TO 104		100	190
TO 106		150	240
TO 108		200	290
TO 152	15	50	150
TO 154		100	200
TO 156		150	250
TO 158		200	300
TO 202	20	50	155
TO 204		100	205
TO 206		150	255
TO 208		200	305
TO 302		30	50
TO 304	100		230
TO 306	150		280
TO 308	200		330
TO 502	50	50	190
TO 504		100	240
TO 506		150	290
TO 508		200	340
TO 752		75	50
TO 754	100		245
TO 756	150		295
TO 758	200		345
TO 1002	100	50	215
TO 1004		100	265
TO 1006		150	315
TO 1008		200	365
TO 1502	150	50	225
TO 1504		100	275
TO 1506		150	325
TO 2002	200	50	240
TO 2004		100	290
TO 2006		150	340

Hand Pumps

Features

- ▶ Heavy duty construction with hardened ground and plated piston
- ▶ Replaceable cartridge valves.
- ▶ Durable polyurethane plunger seal.
- ▶ Collapsible handle - faster stroke at low pressure

THP Series

Pump Stage	Oil Tank Capacity (Ltrs.)	Model	Pressure (kg/cm ²)		Flow / Stroke (cc)		Specifications	Handle Effort (Kg)
			1 st stage	2 nd stage	1 st stage	2 nd stage		
Single	1.8	THP-1P4-2-1.8	-	700	-	2.8		40
Single	2.2	THP-1P4-2-2.2	-	700	-	2.8		40
Two	5	THP-2P4-2-5	30	700	49	2.8		40
Two	8	THP-2P4-2-8	30	700	49	2.8		40
Two	5	THP-2P4-2-5-E	30	700	49	2.8	With Rotary DCV	40
Two	8	THP-2P4-2-8-E	30	700	49	2.8	With Rotary DCV	40

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