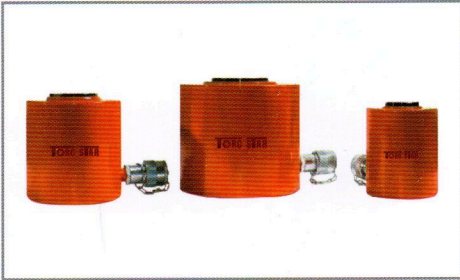




# HYDRAULIC JACKS & CYLINDERS

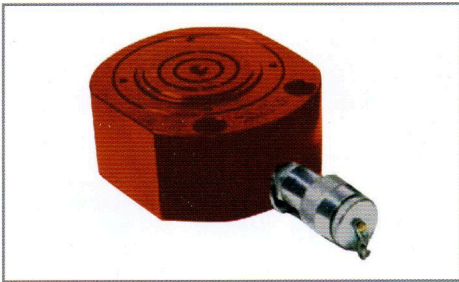
## Compact Profile Cylinders (TCC Series)



- Economical and general light weight usage
- Best solutions where minimal stroke is required
- Top mounting holes for easy fixturing

Model	Cyl. Cap. (Ton)	Stroke (mm)	Collapsed Height (mm)	Recommended Pump
TCC 101	10	30	90	TMP 2
TCC 201	20	50	115	
TCC 302	30	50	120	
TCC 502	50	60	125	
TCC 752	75	60	14	TMP 5
TCC 1002	100	60	150	
TCC 1502	150	60	175	
TCC 2002	200	60	200	

## Flat Cylinders (TCS Series)



- Flat Design allows operation in close, tight spaces
- Grooved, hardened piston absorbs full force
- Body mounting holes for easy fixturing

Model	Cyl. Cap. (Ton)	Stroke (mm)	Collapsed Height (mm)	Recommended Pump
TCS 50	5	8	35	TMP 2
TCS 100	10	12	45	
TCS 200	20	12	55	
TCS 300	30	12	60	
TCS 500	50	16	65	
TCS 750	75	16	80	
TCS 1000	100	16	85	
TCS 1500	150	16	100	
TCS 2000	200	16	115	

## Hollow-Core Cylinders (THC Series)



- Hollow plunger design allows for both pull and push forces
- Collar threads designed to absorb full force
- Bronze brazing on stop ring and base plunger for enhanced side loading capacity

Model	Cyl. Cap. (Ton)	Stroke (mm)	Collapsed Height (mm)	Recommended Pump		
THC 102	10	50	160	TMP 2		
THC 103		75	185			
THC 104		100	210			
THC 202		50	165			
THC 204	20	100	215		TMP 2	
THC 206		150	265			
THC 302		50	185			
THC 303		75	210			
THC 304	30	100	235			TMP 5
THC 306		150	285			
THC 503		50	75	220		
THC 504		100	245			
THC 603	60	75	235	TMP 5		
THC 604		100	260			
THC 606		150	310			
THC 1003		100	75		265	
THC 1004	100	100	290			

## Super-Flat Cylinders (TSF Series)



Model	Cyl. Cap. (Ton)	Stroke (mm)	Collapsed Height (mm)	Recommended Pump
TSF 10	10	10	30	TMP 2
TSF 20	20	10	35	
TSF 30	30	10	40	
TSF 50	50	10	50	
TSF 100	100	10	70	
TSF 150	150	10	75	
TSF 200	200	10	80	