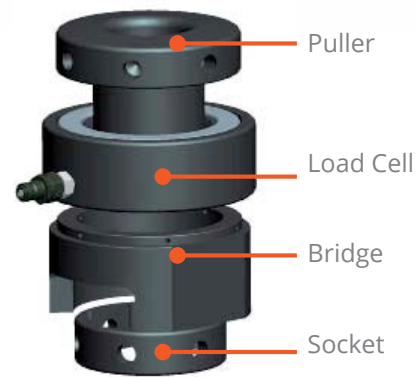


The reference point for topside tensioning.



RAPID-TORC SPECIALIZES IN BUILDING  
**APPLICATION-SPECIFIC TENSIONERS**

## TRM Topside Series. Hands down, best-in-class.



Pressures up to 21,750 psi/1500 bar  
 Simultaneous operation for any number of tools  
 Single or twin hydraulic connections available  
 Custom thread forms available upon request  
 Custom design available for any application type  
 Rapid-Torc recommends operation with 50% tensioners  
 (1 tensioner every 2 studs).

Model number	Bolt Diameter		Hydraulic Area		Max Load			Tool OD		Nearest Obstruction		Stroke	
	in	metric	in <sup>2</sup>	mm <sup>2</sup>	kN	tonf	lbf	in	mm	in	mm	in	mm
TRM21	3/4"	M20	2.41	1555	233	23.38	52380.48	2.87	73	5.70	145	0.472	12
	7/8"	M22											
	1"	M24											
	1-1/8"	M27											
TRM22	1-1/4"	M33	4.470	2884	433	43.45	97342.27	4.25	108	6.88	175		
	1-3/8"	M36											
	1-1/2"	M39											
TRM23	1-5/8"	M42	8.17	5271	791	79.38	177823.87	5.35	136	7.87	200		
	1-3/4"	M45											
	1-7/8"	M48											
	2"	M52											
TRM24	2-1/4"	M56	13.08	8445	1267	127.15	284832.93	6.77	172	9.055	230	0.59	15
	2-1/2"	M64											
TRM25	2-3/4"	M72	18.90	12197	1830	183.66	411400.36	7.87	200	10.03	255		
	3"	M76											
TRM26	3-1/4"	M80	25.85	16682	2502	251.10	562471.97	9.25	235	11.33	288		
	3-1/2"	M90											
TRM27	3-3/4"	M95	27.17	17530	2629	263.84	591022.71	9.64	245	12.59	320		
	4"	M100											
TRM29	1-7/8"	M48	10.82	6983	1047	105.07	235374.96	6.141	156	9.055	230		
	2"	M52											
	2-1/4"	M56											

Each tool consists of one hydraulic cylinder, bridge, puller and socket. Extra bridges, pullers and sockets can be purchased to adapt the hydraulic cylinder to fit other bolt sizes. The tools are assembled, filled with oil, pressure tested and delivered with a test certificate.



## TWIN22 air-driven high pressure pumps

From concept to production, this pump embodies the qualities needed to complement Rapid-Torc TRM Tensioners.

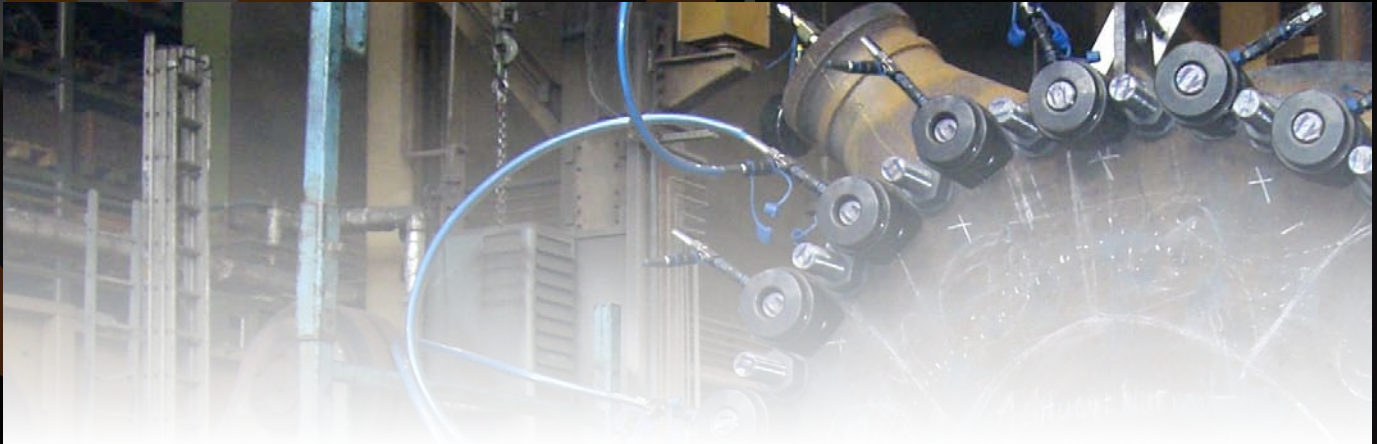
- 22,000psi/1500 bar
- Rugged tubular steel frame.
- Dual scale, damped, calibrated oil pressure gauge.



## TWINlite hand pumps

Use with all Rapid-Torc tensioning equipment, and are available from 22,000psi/1500 bar to 36,000psi/2500bar

# TOPSIDE TENSIONING SYSTEM **TRM**



Rapid-Torc is dedicated to having the most comprehensive tensioning solutions available.

Rapid-Torc will customize any system to meet your stringent needs. Support is available worldwide.

## **US Headquarters**

Rapid-Torc, Inc  
Phone: (281)448-5900  
Fax: (281)260-0779  
2406 E Pasadena Fwy  
Pasadena, TX 77506  
USA

## **European Headquarters**

Rapid-Torc SA  
Phone: +32 2 358 1933  
Fax: +32 2 358 5066  
Ave Louise, 306  
B-1050 Brussel  
Belgium

[www.rapidtorc.com](http://www.rapidtorc.com)  
[sales@rapidtorc.com](mailto:sales@rapidtorc.com)

