

DOUBLE ACTING SPAN LIFTING CYLINDERS THREADED RAM WITH SAFETY LOCK NUT, SPHERICAL SADDLE (TYPE - OIL RETURN)



Capacity 50-1000 ton | Stroke 50 mm | Max. Operating Pressure 700 kg/cm²

Features / Applications

- Ideally suited where space is limited.
- Spherical Saddle for better distribution of load to be lifted.
- Threaded ram with locknut for safe load holding for longer duration.
- Safety Pressure Relief Valve in return port prevents damage, in case of accidental over-pressurization due to blockage in return.
- Lifting application requiring sustained load holding for vertical and horizontal applications infrastructure projects & heavy fabrication.



Note: Maximum Tilt Angle 5°

Rated Capacity ton	Rated Capacity kN	Stroke mm	Model	Oil Capacity cm ³	Weight (Approx.) kg	"A" Closed Height mm	"B" Cylinder OD mm	"C" Bore Diameter mm	"D" Ram Diameter mm	"E" Saddle Diameter mm
50	500	50	VDTS 50-50	382	25	225	140	105	85	74
100	1000	50	VDTS 100-50	804	53	245	195	150	125	100
150	1500	50	VDTS 150-50	1174	85	280	235	180	140	130
200	2000	50	VDTS 200-50	1566	125	305	270	210	170	150
250	2500	50	VDTS 250-50	1885	147	305	300	230	180	165
300	3000	50	VDTS 300-50	2302	190	315	330	255	205	180
400	4000	50	VDTS 400-50	3216	275	335	385	300	250	212
500	5000	50	VDTS 500-50	3884	360	350	430	330	270	230
600	6000	50	VDTS 600-50	4614	470	390	470	360	300	260
800	8000	50	VDTS 800-50	6036	685	430	540	410	340	290
1000	10000	50	VDTS 1000-50	7696	940	480	600	460	380	330

- Equipment to be operated by a trained operator.
- Safe Practice! Use 80% of the rated Capacity and Stroke.
- Customized solutions on request.
- Specifications are subject to change for continual improvement.

