TANGYE

DATASHEET

HYDRALITE JACK

6" SCREWED RAM
100 Tonne

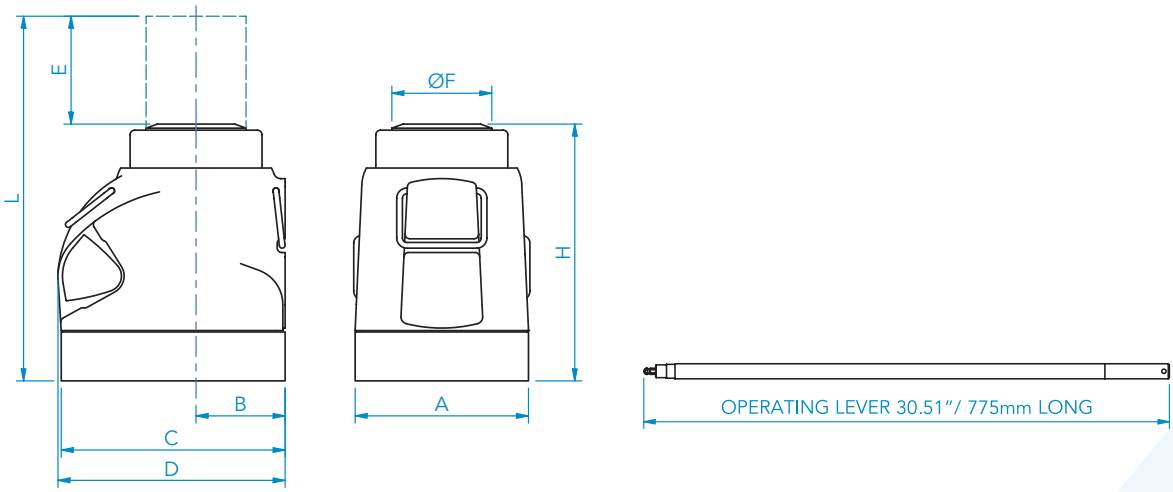
The aluminum Hydralite jack is one of the most popular out of the Tangye jack range.

This specific model has a 6" lifting range, a screwed ram with load retaining collar and a lifting capacity of 100 tonnes.

Features and Benefits:

- **Load Retaining** - The screwed ram and collar allow loads to be retained safely and mechanically as a failsafe, without relying on hydraulic fluid pressure over prolonged periods.
- **Portable** - Extensive use of high strength aluminum alloys minimizes jack weight for portability.
- **Minimum Operator Effort** - Full capacity is achievable with one operator. Two integrated pumps allow for high speed lifting at low load and low speed lifting at high load.
- **Space Saving** - The short lever is lightweight and requires little space for operation.
- **Easy Operation** - The operating lever can be fitted in any one of the three positions in the quadrants to obtain the most suitable operating height.
- **Reliable** - All moving parts are totally enclosed and lubricated by the hydraulic oil. Seals are highly resistant to deterioration under widely varying climatic conditions.
- **Easy to Maintain** - The 100 tonne Screwed Hydralite jack's design makes inspection and component replacement uncomplicated. Refer to service instructions for guidance.
- **Safe** - Positive stop feature prevents over stroking and a pressure relief valve prevents overloading.

Specifications & Dimensions:



Model	P6100S	
Capacity	100 Tonnes	
Oil Capacity	3.92 Pints / 2.23 Litres	
Jack Weight	117 lbs / 53 kg	
Lift per Stroke	Low – 0.043" / 1.1mm	High – 0.005" / 0.1mm
Working Pressure	9280 lbf / 640 bar	
Effort on Lever (max)	175 lbf / 778 N	
Operating Lever	4.85 lbs / 2.2 kg	
Dimensions	**ins**	**mm**
A - Width	9.49	241
B - Centre Ram to Base	4.88	124
C - Base Length	12.20	310
D - Overall Depth	12.48	317
E - Stroke	6.00	152
F - Ram Diameter	5.51	140
H - Closed Height	14.06	357
L - Extended Height	20.04	509
Service Kit Number	**995058**	
Operating Lever	**993002**	

TANGYE

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