



# INTERSTATE LIFT

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## 18-TON CAPACITY SUPPORT STAND MODEL IL-18T

### 1. Specifications

Minimum height	54 inches
Maximum height	80 inches
Number of pin positions	10
Screw fine adjustment	0 to 6 inches
Stroke	26 inches
Base diameter	31 inches
Diameter of wheels	5 inches
Diameter of top plate	7.25 inches
Stand capacity	18 tons
Weight	132 lbs.



### 2. General Description

The purpose of this specification is to define a support stand to be used to support raised heavy duty vehicles, to facilitate maintenance and inspection procedures. The support stand is designed to be used in sets of 4, 6 or 8 and must be placed under a level, raised vehicle, at the support points designated by the vehicle manufacturer.

### 3. Construction

The support stand shall have a maximum rated capacity of 18 tons and shall be designed and tested to support 2 times the rated load or 36 tons per stand.

The support stand shall be a tripod design; each of the three (3) legs will evenly distribute the supported weight to the shop floor. Each leg is equipped with a 6.5 square inch floor pad, creating 1845-PSI pressure on the shop floor with a load of 18 tons on the stand. A four-leg or flat plate design shall not be acceptable, as it will not sit steady on most shop floors.

The support stand shall be easily moved and placed under a vehicle by means of two 5-inch diameter wheels

The support stand must be equipped with a fold-away transport handle. A rigid fixed handle shall not be acceptable as it presents a sharp obstacle creating a safety hazard.

The center tube must be spring assisted to facilitate adjustment of the stand.

### 4. Height Adjustment

The stand shall be adjustable from 54" to 80" inches by means of a center tube with 10 pin positions and a 2.25" diameter self-locking ACME screw for fine adjustment of the stand height. Adjustment of the acme threaded screw shall be no less than (6) six inches and the acme thread shall meet or exceed ASME/ANSI standard B1.8, latest version, cases 2G.

### 5. Warranty - One year parts and labor for manufacturer's defects.