



**INTERSTATE LIFT & EQUIPMENT CO., INC.**  
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**SPECIFICATIONS FOR HIGH LIFT HYDROPNEUMATIC WHEEL DOLLY  
MODEL IL-AH53WD**

1. General Description

The purpose of this specification is to define a high lift wheel dolly to be used for the removal and installation of single and dual wheels on raised buses and trucks.

2. General Features

2.1 The high lift wheel dolly shall be constructed of heavy duty lifting forks, manufactured with ball bearing rollers which allow easy rotation of wheel for alignment with axle hub bolt pattern. The lifting forks shall be adjustable to accommodate different sized tires.

2.2 The high lift wheel dolly shall encompass a lifting fork tilt of 14 degrees, operated by a hydraulic hand pump in order to match the angle of the wheel axle.

2.3 The high lift wheel dolly shall be designed so as to permit an open center to allow full access to the wheel mounting hardware. This feature is necessary to permit reinstalling hub mounted wheels, allowing easy installation of the wheel bearings, washers and retaining nuts.

2.4 The high lift wheel dolly shall come equipped with two front fixed 5-inch diameter wheels and two rear swivel 5-inch diameter wheels.

2.5 The tilt mechanism for the lifting forks shall be operated by a hand pump

3. Specifications

Lifting capacity	1,200 lb
Lifting height	53 inches
Lifting speed	53 inches per minute
Lifting fork tilting adjustments	10 degrees above horizontal 4 degrees below horizontal
Wheel dolly dimension (width)	37 inches
(Length)	40 inches
(height)	73 inches
(weight)	550 lb
Operating air pressure	110-120 lb.

