

# SM450-A

Electro-Hydraulic Four Post Wheel Alignment Hoist – 5 Tonne Capacity



The MOLNAR SM450-A is a 5 tonne electro-hydraulic four post vehicle hoist, ideally suited to wheel alignment for industrial or commercial workshops. With integrated slip plates, long run up ramps and ample provision for the addition of turntables, this product is ideally suited passenger cars to light commercial vehicles.

The product has been designed to optimise operator access and workshop space, making it one of the most versatile four post hoist on the market.

## Features

### POSTS

- › Integrated eccentric brake system
- › Large diameter pulleys
- › Motor and control unit located on rear right post
- › Push button control unit
- › Emergency stop and lowering valve
- › Hydraulic cylinder under right platform

### PLATFORMS / RAMPS

- › Platforms suited to Micro 3000 – MOLNAR Jacking Beam
- › Long run up ramps for easy vehicle approach
- › Slip plates included
- › Large provision for turntables

## Options

- › Single Phase Motor
- › Custom colours

## Accessories

- › Installation kit – oil and bolts
- › Micro 3000 – 3 Tonne air-hydraulic Jacking Beam

## Service & Support

- › 3 year warranty
- › Available spare parts; shipped within 24 working hours



## Application



Check-in



Repair and maintenance



Testing



Wheel alignment



**MOLNAR**  
By NEXION

Technical Data

Lifting capacity	5000 kg
Lifting height	1750 mm
Lifting / lowering time	50 seconds / 30 seconds
Pump unit	2.2 kW Motor
Voltage	3 Phase + Earth 415V 50Hz Optional single phase

Platforms

Total length	5944 mm
Platform length	4600 mm
Wheel base	Variable
Platform width	600 mm
Distance between platforms	945 mm
Minimum height	246 mm
Width between posts	2734 mm
Total width (outer edges base plates)	3095 mm

**UNIQUE FEATURES**



LONG RECESS FOR CUSTOMISED POSITIONING OF TURNTABLE



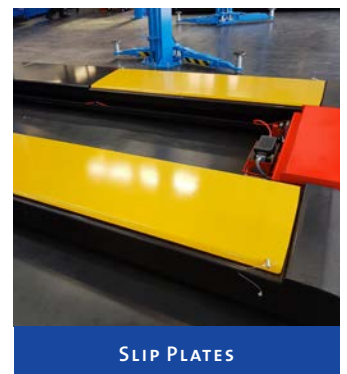
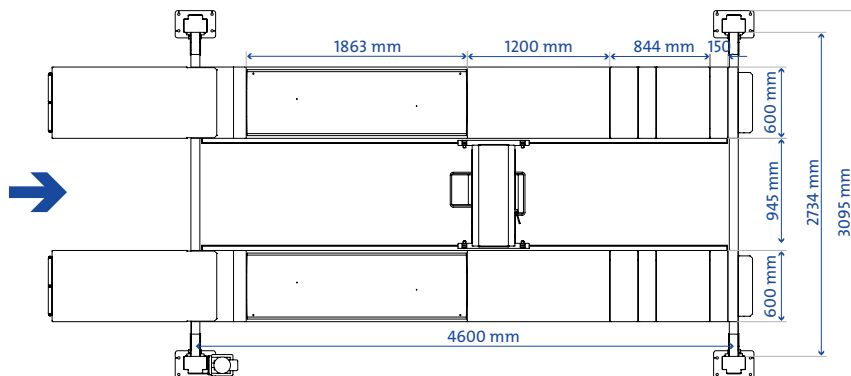
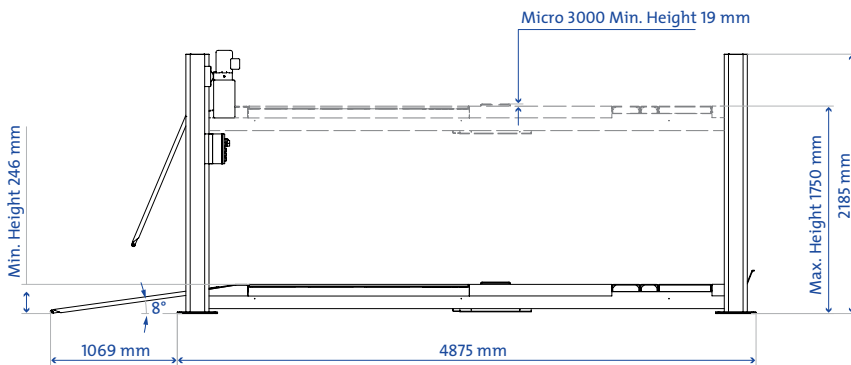
CONTROL UNIT / PUMP



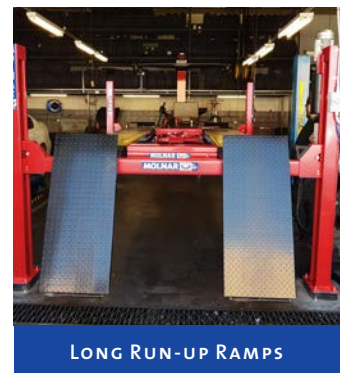
MICRO 3000 JACKING BEAM OPTIONAL



CATERPILLAR HOSE INCLUDED WITH OPTIONAL MICRO 3000



SLIP PLATES



LONG RUN-UP RAMPS

Specifications/Images subject to change without prior notice. To validate warranty, proof of a valid maintenance contract will be required. Images and Illustrations are indicative and may be modified without notice

**Lifting  
the Level**

For more information, please contact MOLNAR or your local MOLNAR Representative

[www.molnarhoists.com.au](http://www.molnarhoists.com.au)

☎ 1300 MOLNAR (1300 665 627)  
☎ 08 8234 3611 📠 08 8234 4322  
✉ [sales@molnarhoists.com.au](mailto:sales@molnarhoists.com.au)

🌐 [www.molnarhoists.com.au](https://www.molnarhoists.com.au) MolnarAustralia