

Current MAHA Scissors Lifts

Model SOLO III 2.5 M as short stroke scissors lift and Models TWIN F II 3.0 A and TWIN F II 3.0 U as double scissors lifts

Technical data as distinctive features of the various models

This overview is useful not only as a quick and clear model designation reference, but also contains the most important information at a glance for interested parties, e.g. possible investors.

Features	SOLO III 2.5 M	TWIN F II 3.0 A/TWIN F II 3.0 U
Load capacity (kg)	2.500	3.000/3.000
Lifting height max. (mm from upper edge floor)	1.000	1.900/1.785
Raising time/lowering time (s)	25/25	40/40 / 40/40
Drive over height in bottom position (mm)	108	115/0
Support length (mm)	1.530-2.000	1.540-2.100/1.540-2.100
Width support plate (mm)	450	525/525
Total width (mm)	1.800	1.850/1.880
Weight complete with hydraulic unit (kg)	500	700/700
Typical features	Mobile (letter M). Manually maneuverable using support rollers and removable dolly.	Stationary. For surface mounting (letter A, then drive over height 115 mm) or for flush mounting (letter U, lowered into foundation, installation depth 125 mm, then drive over height 0 mm)

For all three models: Common features for optimum quality

The drives are electro-hydraulic. Two hydraulic cylinders on each scissor side with synchronization control (TWIN F with flow distributor) for high safety. They are supplied with compressed oil (270 bar) from a separate hydraulic unit (2.2 kW power). Compressed air is not needed. Electric components (TWIN F) and cables are not in the lift preventing interference and vulnerability to problems.

The support plates can be manually and continuously extended and inserted. (see table for data) Various blocks (synthetic, to be placed on the support plates) are available for lifting vehicle on chassis (as option)

These characteristics guarantee high functionality, easy handling, minimal maintenance needs and high safety (e.g. crush and pinch protection via acoustic signal, CE Stop as standard delivery).

Powder paint coating provides surface protection.

Standard delivery includes an operations desk with integrated hydraulic unit and electro-control –with model SOLO in mobile version with pressure oil hoses for distance to lift of maximum 3m, with model TWIN (stationary) with hydraulic hoses of 2 m length.

**Press Release
from 3rd July 2008
4 pictures**

**Topic:
New and Expanded
Products, in particular
Lifts**



Mobile short stroke scissors lift SOLO III 2.5 M as a continuing advancement of the previous model SOLO II 2.5 M. Displayed in a lifted position, with hydraulic unit and removable dolly with support rollers for manual transport of the lift (needs only one person). Diagram without hydraulic lines and electro-cable.



Double scissors lift for vehicles up to 3 t gross weight, available as model TWIN F II 3.0 A for surface mounting and as model TWIN F II 3.0 U for flush-floor mounting. (foundation installation).



Model SOLO III 2.5 M Special Features

Manuevrability around the workshop floor is easy and requires only one person. A dolly can be attached to the fixed bearing shaft side of the lift, used to raise this side of the lift, distributing the weight of the lift (350 kg) to the dolly rollers and both support rollers. The procedure could not be easier. The support rollers are made of wear and tear resistant synthetics. Optionally galvanized floor plates as underlay pads on uneven surfaces are available.

Special features which increase quality are e.g.: important components (support plates, support flaps, fixed bearing floor plates) are galvanized as standard delivery. Or rubber lined fixed bearing floor plates for improved adhesion on slippery surfaces.

And not to forget for models TWIN...A and TWIN...U

These lifts are built with special support arm profiles providing high lateral stability.

Universal application is underscored by longer drive over ramps (optional) for lifting low lying vehicles.



MAHA as an important manufacturer: approximately 40% worldwide market share

When it comes to competency, performance and innovative drive in the production of all kinds of vehicle test stands and other measurement devices as well as complete systems to measure, control and adjust vehicle components, MAHA has been the market leader for many years now (founded in 1969). The production program is rounded out with vehicle lifts in various models. Subsidiaries and dealerships in over 130 countries worldwide is sure proof of successful business activities -not only as manufacturer and supplier, but also as service partner for customers as varied as automotive testing organizations, workshops and manufacturers. To underscore this, MAHA can show a 40% market share worldwide for the named products. Over 1000 employees work for MAHA worldwide.

MAHA Scope of Products: One-Stop Shopping

Test Equipment for Cars, Trucks, Motorcycles, Tractors, Forklifts, Airplanes

e.g. for brakes, performance, shock absorbers, side-slip, various functions, tachometers, tachographs, axle and wheel loads, headlights etc.

Lifting equipment in numerous models for all types of vehicles.

Measurement devices for: emission, in particular for diesel emission particles, noise level, vehicle air conditioning, deceleration, closing force, brake fluid, axle play .

For tires: equipment for mounting and balancing

Workshop planning, training for service technicians and users.

Technical information - custom tailored to your individual needs- can be requested:

MAHA-Homepage under www.maha.de,

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