

TW4000P Scissor Lift





TW4000P – in-ground alignment scissor lift, 4000 kg lifting capacity, pneumatic safety-lock release.

Alignment Scissor Lift



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TW4000P Scissor Lift

4 t In-Ground Alignment Scissor Lift with Pneumatic Lock Release

TW4000P is an in-ground scissor lift for wheel alignment, designed for professional workshops, mechanical service centres, vehicle inspection stations and diagnostic bays. The construction is designed for vehicles weighing up to **4000 kg**.

The model features **pneumatic safety-lock release**, a 24 V low-voltage control box, front recesses for turntables, rear slip plates for wheel alignment, self-lubricating UHMW sliders and cylinder synchronization with safety valves protecting against hose rupture.

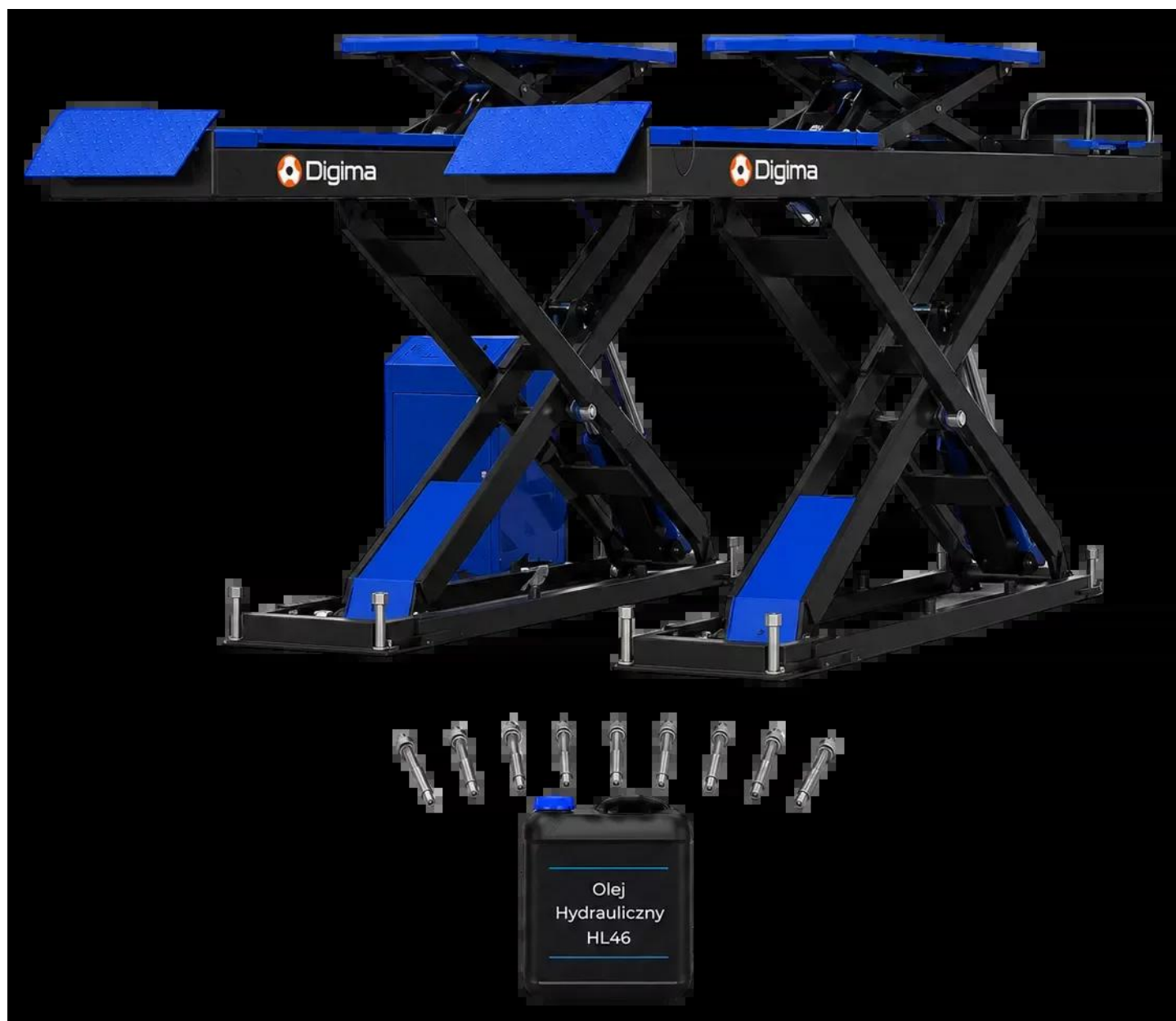
4 t Lifting Capacity, 1800 mm Lifting Height and Platforms Prepared for Wheel Alignment.

The TW4000P is suitable for wheel alignment, suspension diagnostics and undercarriage service.

Additional View

Additional Illustrative Image of the Lift

Below is an additional illustrative image of the equipment together with its accessories.

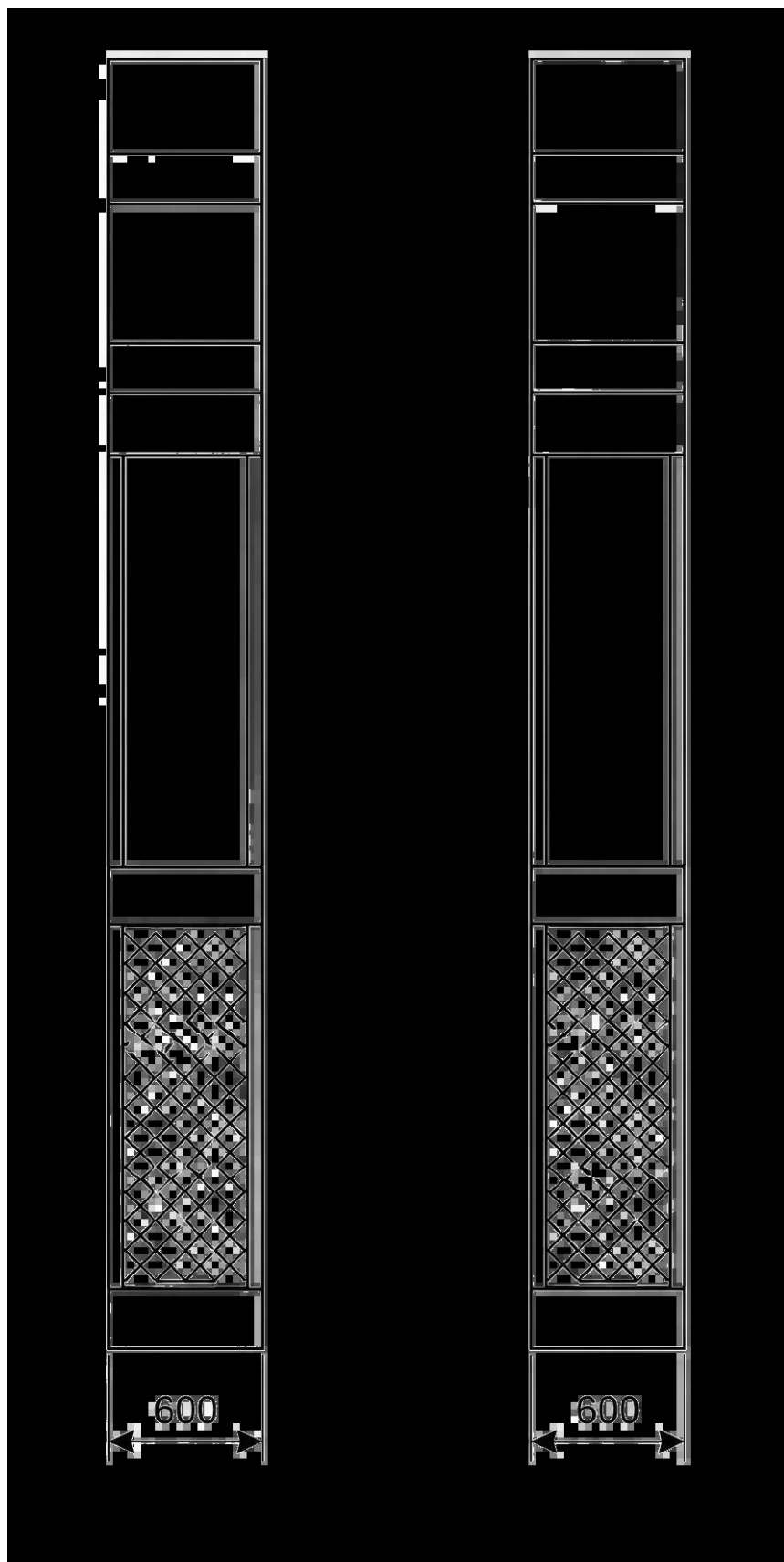


Additional View of the TW4000P Lift
Technical Images

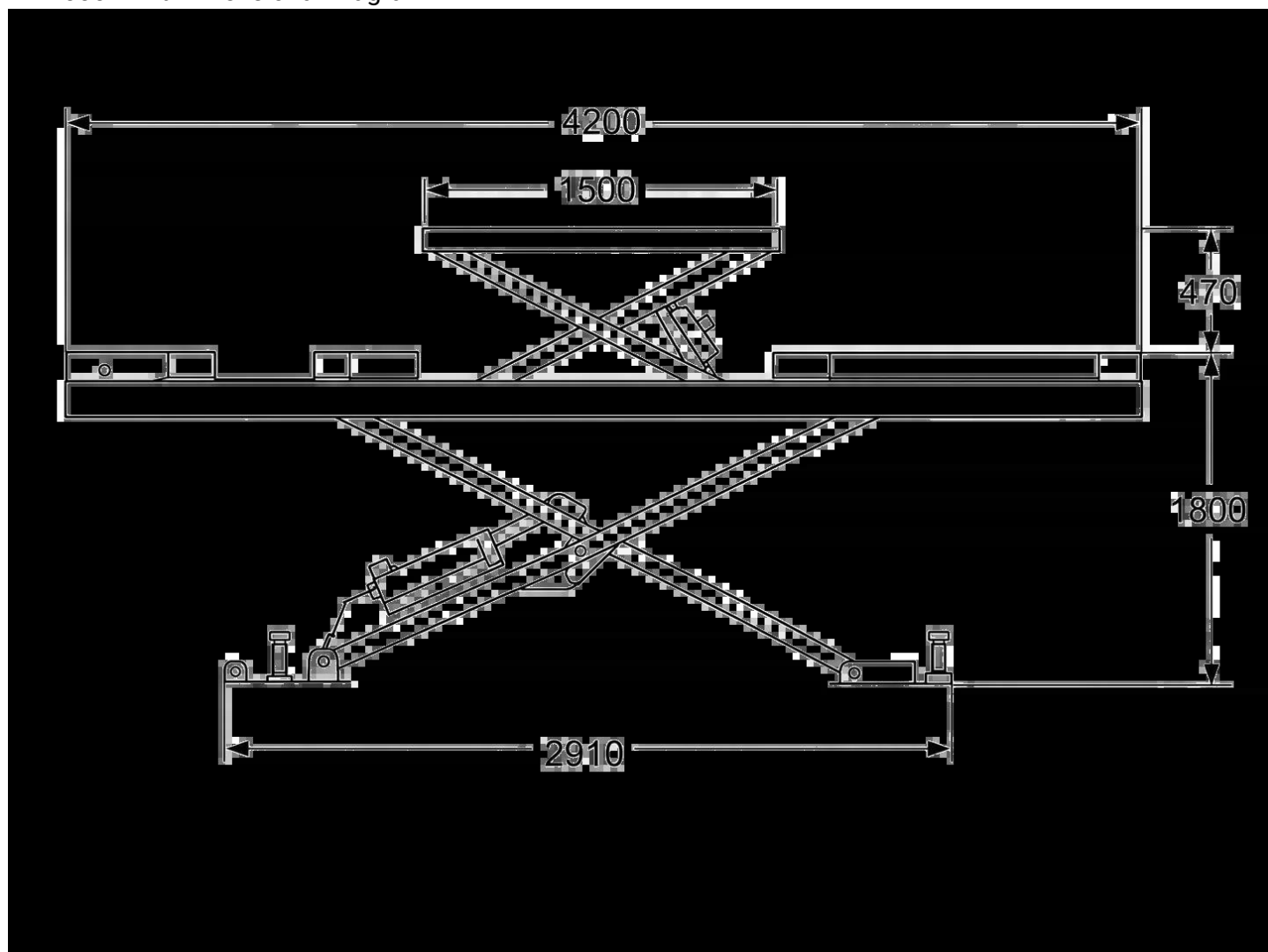
Dimension Drawings and Technical Details of the TW4000P Lift



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TW4000P Lift Dimensional Diagram



Working Platforms, Slip Plates and Scissor System
Characteristics

In-Ground Alignment Scissor Lift

4000 kg lifting capacity – for passenger cars, SUVs and service vehicles.

1800 mm lifting height – convenient access to the undercarriage and suspension system.

Pneumatic lock release – convenient operation of safety locks.

Front recesses for turntables – preparation of the station for wheel alignment.



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Rear slip plates — enable correct operation during wheel alignment.

Self-lubricating UHMW sliders — work with bronze bushings for stable operation.

Cylinder synchronization — a system equipped with safety valves protecting against hose rupture.

24 V control — low-voltage control box.

Operating Process

How Does the TW4000P Lift Work?

1

Vehicle Positioning

The vehicle is positioned on platforms with recesses for turntables and slip plates.

2

Lifting

The hydraulic system raises the vehicle to a working height of 1800 mm.

3

Alignment and Service

Platforms with slip plates enable suspension diagnostics and wheel alignment.

Applications

Where Is the TW4000P Lift Suitable?

Wheel Alignment

- Wheel alignment.
- Suspension inspection.
- Chassis diagnostics.



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Automotive Workshops

- Mechanical repairs.
- Undercarriage service.
- Service inspections.

Vehicle Inspection Stations

- Vehicle diagnostics.
- Alignment inspection.
- Service for SUVs and passenger cars.

Technical Specifications

Technical Parameters of the TW4000P Lift

Model **TW4000P**

Equipment Type **In-Ground Alignment Scissor Lift**

Lifting Capacity **4000 kg**

Motor Power **2,2 kW / 3,0 HP**

Air Supply **6–8 kg/m³**

Power Supply **110 V / 220 V / 380 V**

Overall Length **4200 mm**

Platform / Working Section Length **1500 mm**

Platform Width **600 mm**

Lifting Height **1800 mm**

Minimum Height **470 mm**

Spacing / Working Width **2910 mm**

Lock Release Type **Pneumatic safety-lock release**

Control **24 V low-voltage control box**

Wheel-Alignment Equipment **Front recesses for turntables and rear slip plates**

Sliders **Self-lubricating UHMW polyethylene sliders and bronze bushings**

Synchronization **Cylinder synchronization system with safety valves protecting against hose rupture**

Applications **Wheel alignment, diagnostics, undercarriage service, automotive workshop**