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TW140 Two-Post Lift 4 t





TW140 – two-post automotive lift with a base frame, 4000 kg lifting capacity and manual safety-lock release on both sides.

Two-Post Lift with Base Frame

TW140 Two-Post Lift

Workshop Lift with Overhead Beam, 4 t Lifting Capacity and Manual Safety-Lock Release

TW140 is a two-post automotive lift with a base frame, designed for professional workshops, mechanical service centres, tyre-service facilities and service bays for passenger and commercial vehicles. The construction is designed for vehicles weighing up to **4000 kg**.

The model features **two-sided manual safety-lock release**, steel-cable synchronization, self-lubricating UHMW sliders and working arms with rubber pads. The lifting height is **1800 mm**, while the minimum drive-



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on height is **110 mm**.

4 t Lifting Capacity, Overhead Beam and Independent Two-Sided Lock Release.

The TW140 is suitable for routine servicing, mechanical repairs, undercarriage work and tyre service for passenger cars and light commercial vehicles.

Additional View

Additional Illustrative Image of the Lift

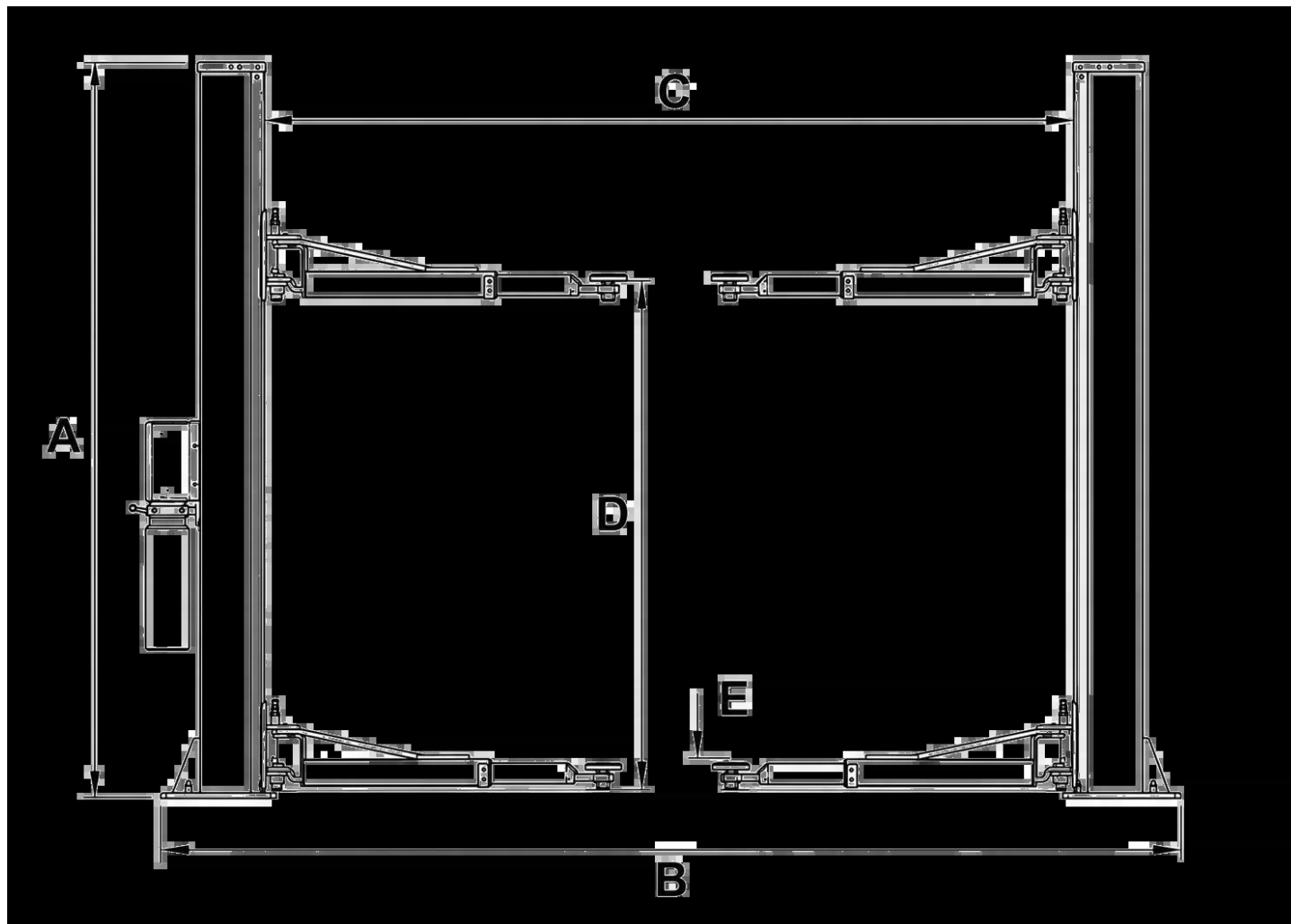
Below is an additional illustrative image of the equipment together with accessories, additional oil and installation anchors.



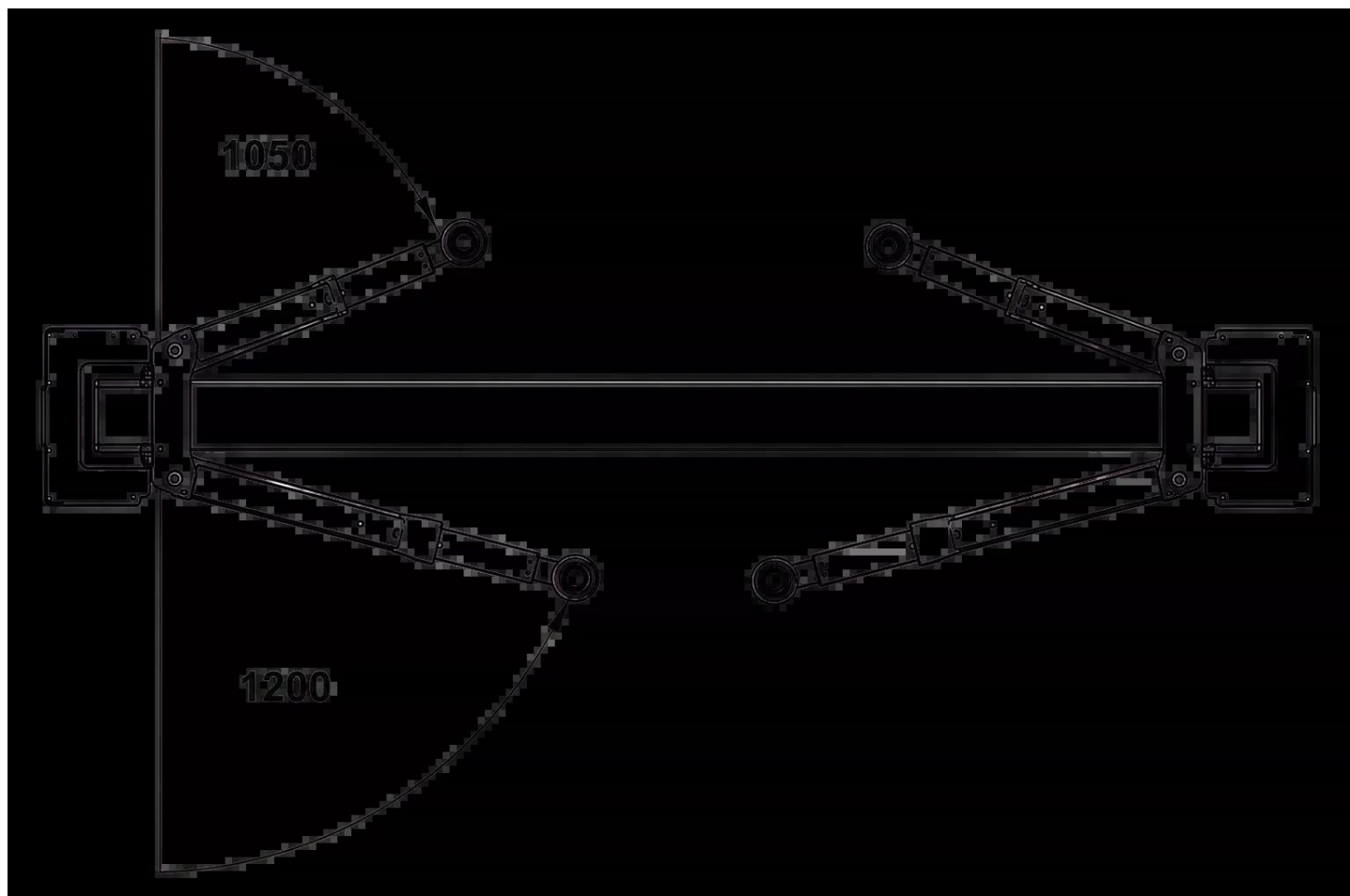
Lift View with Additional Oil and Anchors

Technical Images

Dimension Drawings and Technical Details of the TW140 Lift



Lift Dimensional Diagram



Working Arms / Safety Detail
Characteristics

Two-Post Lift with Base Frame for Daily Workshop Work

The TW140 lift has been designed as a stable station for lifting vehicles in workshops and service centres. The lower base-frame construction allows the unit to be used in locations where a two-post lift with conventional guidance and cable arm synchronization is required.

4000 kg lifting capacity — servicing passenger cars, SUVs and selected commercial vehicles.

Two-sided manual lock release — the operator releases the safety devices manually on both sides of the lift.

1800 mm lifting height — convenient access to the undercarriage and vehicle service components.



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110 mm minimum height – suitable for many types of passenger vehicles.

High-quality hydraulic cylinders – designed for smooth and stable operation.

Steel-cable synchronization – the aircraft cable supports even movement of both columns.

Self-lubricating UHMW sliders – reduce friction and support stable carriage movement.

Rubber pads and extensions – includes drop-in rubber pads and 80 mm screw-type pads.

Operating Process

How Does the TW140 Lift Work?

Lift operation involves positioning the vehicle between the columns, adjusting the arms to the lifting points, raising the vehicle to the required height and securing it with mechanical locks.

1

Vehicle Positioning

The vehicle is positioned between the columns, and the lifting arms are adjusted to the factory lifting points.

2

Lifting and Locking

The 2.2 kW motor drives the lifting system, while mechanical safety devices lock the vehicle at the selected height.

3

Service and Lowering

After completing the work, the operator releases the safety locks on both sides and lowers the vehicle in a controlled manner.

Safety



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Solutions Enhancing Operational Safety

The TW140 is equipped with solutions that support safe workshop operation: manual lock release on both sides, automatic arm safety devices, steel-cable synchronization, upper working-zone protection and rubber pads protecting the vehicle lifting points.

Manual safety locks – mechanical safety devices on both sides of the lift.

Automatic arm locking and release – increase the safety of working-arm positioning.

Upper safety limit switch – reduces the risk of uncontrolled contact with the upper working zone.

High-quality oil seals – cylinders manufactured to a high operating standard.

Applications

Where Is the TW140 Lift Suitable?

Automotive Workshops

- Mechanical repairs.
- Undercarriage service.
- Suspension work.
- Replacement of consumable components.

Tyre Service Facilities

- Wheel changes.
- Tyre-service work.
- Suspension inspection.
- Access to all vehicle wheels.

Vehicle Service

- Passenger cars.
- SUVs.
- Light commercial vehicles.
- Company and service fleets.



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Technical Specifications

Technical Parameters of the TW140 Lift

Model **TW140**

Equipment Type **Two-Post Automotive Lift with Base Frame**

Lifting Capacity **4000 kg**

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

Overall Height **2800 mm**

Overall Width **3300 mm**

Width Between Columns **2800 mm**

Lifting Height **1800 mm**

Minimum Height **110 mm**

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

Lock Release Type **Manual safety-lock release on both sides**

Synchronization **Steel cable / aircraft cable**

Sliders **Self-lubricating UHMW polyethylene sliders**

Cylinders **High-standard hydraulic cylinders with high-quality seals**

Upper Safety Protection **Upper safety limit switch**

Lifting Pads **Drop-in rubber pads and 80 mm screw-type rubber pads**

Shorter Arm Length **1050 mm**

Longer Arm Length **1200 mm**

Applications **Automotive service, mechanical workshop, tyre service, undercarriage service**

Intended Use **Passenger cars, SUVs and light commercial vehicles up to 4000 kg**