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TW140L Two-Post Lift 4 t





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TW140L – two-post automotive lift with an overhead beam, 4000 kg lifting capacity and manual safety-lock release on both sides.

Two-Post Lift with Overhead Beam



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TW140L Two-Post Lift

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

TW140L is a two-post automotive lift with an overhead beam, 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, automatic arm locks, self-lubricating UHMW sliders and working arms with rubber pads. The lifting height is **1800 mm**, while the overall height of the overhead-beam construction is **3680 mm**.

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

The TW140L 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

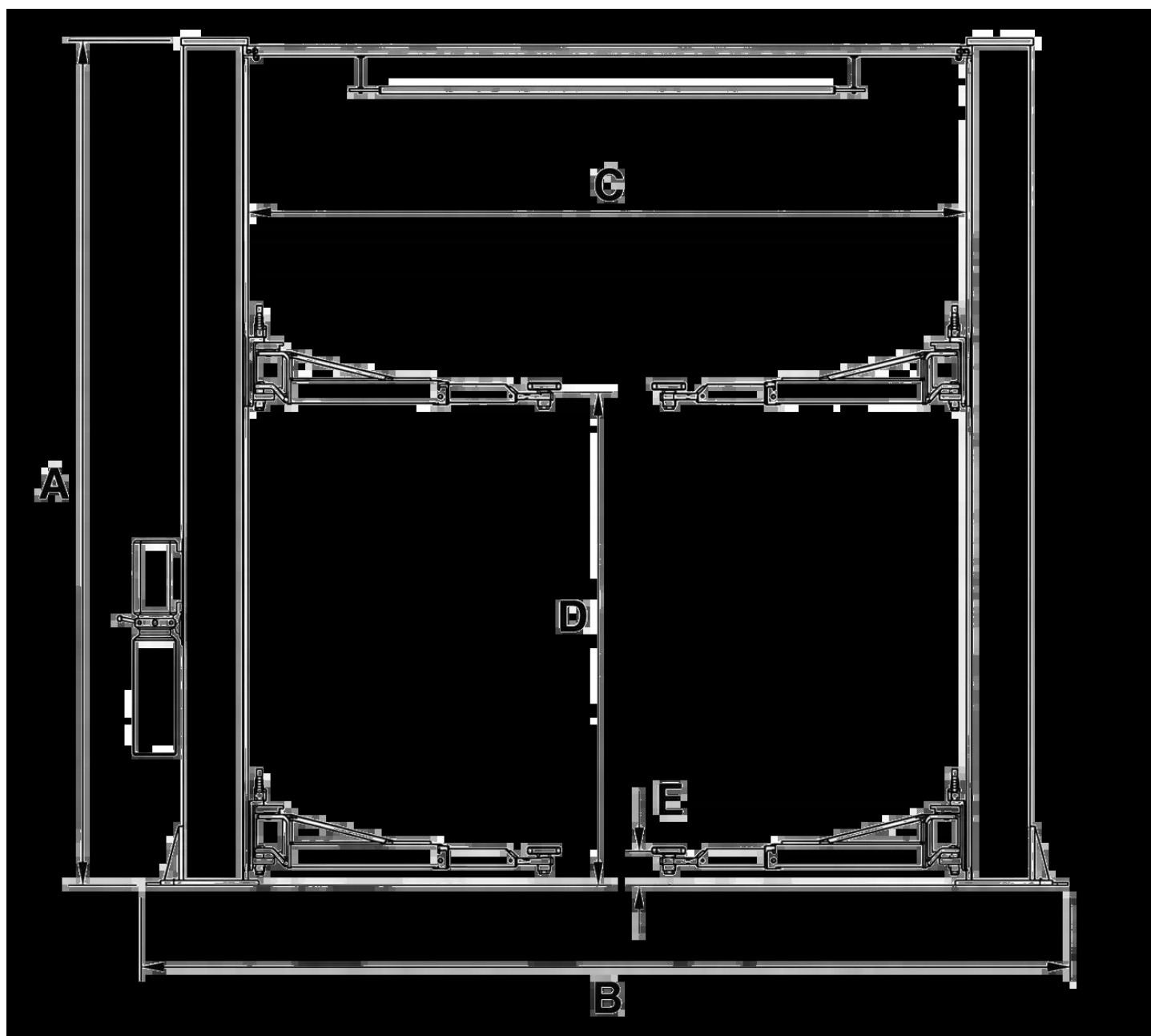
Below is an additional illustrative image of the equipment together with accessories, additional oil and installation anchors.



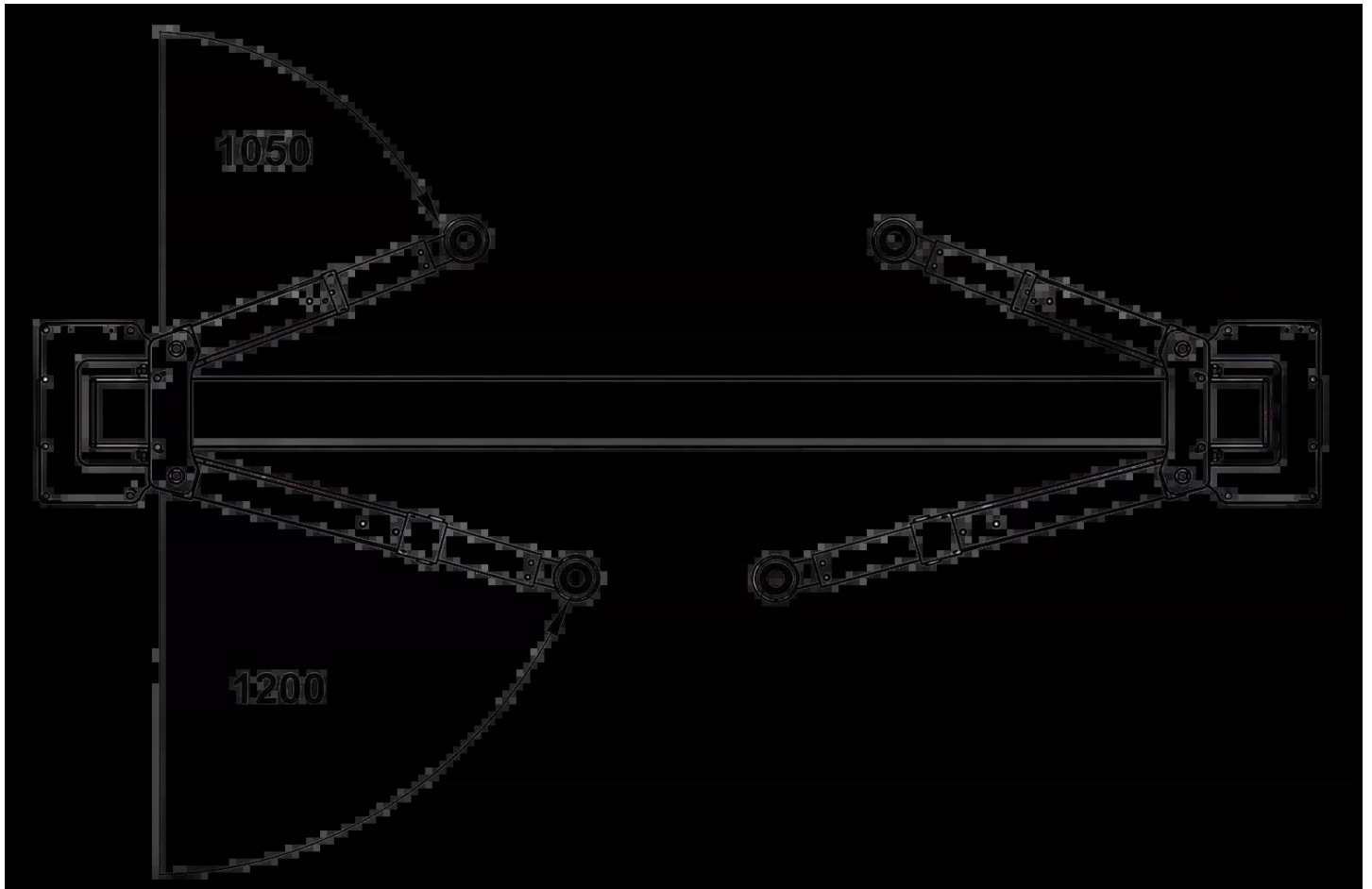
Lift View with Additional Oil and Anchors
Technical Images

Dimension Drawings and Technical Details of the TW140L Lift

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Overhead-Beam Lift Dimensional Diagram



Working Arms and Working Range
Characteristics

Two-Post Lift with Overhead Beam for Daily Workshop Work

The TW140L lift has been designed as a stable station for lifting vehicles in workshops and service centres. The overhead-beam construction enables convenient work beneath the vehicle while maintaining a classic two-post configuration with cable arm synchronization.

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

Overhead structural beam – 3680 mm overall height and top-plate design.

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



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

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

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

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

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

Operating Process

How Does the TW140L 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 TW140L 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 TW140L 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 TW140L Lift

Model **TW140L**

Equipment Type **Two-Post Automotive Lift with Overhead Beam / Top Plate**

Lifting Capacity **4000 kg**

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

Overall Height **3680 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**

Working Arm Length **1300 mm**

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

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