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TW340E Two-Post Lift 4.5 t





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TW340E – two-post automotive lift with an overhead beam, 4500 kg lifting capacity and automatic electromagnetic safety-lock release.

Two-Post Lift with Overhead Beam



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TW340E Two-Post Lift

Workshop Lift with Overhead Beam, 4.5 t Lifting Capacity and Automatic Electromagnetic Lock Release

TW340E 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 **4500 kg**.

The model features **automatic electromagnetic safety-lock release** with a **24 V** low-voltage control system, steel-cable synchronization, automatic arm locks, C-type arm holders and self-lubricating UHMW sliders. The lifting height is **1800 mm**, while the overall construction height is **3730 mm**.

4.5 t Lifting Capacity, Overhead Beam and Automatic Electromagnetic Lock Release.

The TW340E is suitable for routine servicing, mechanical repairs, undercarriage work and tyre service for passenger cars, SUVs 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.



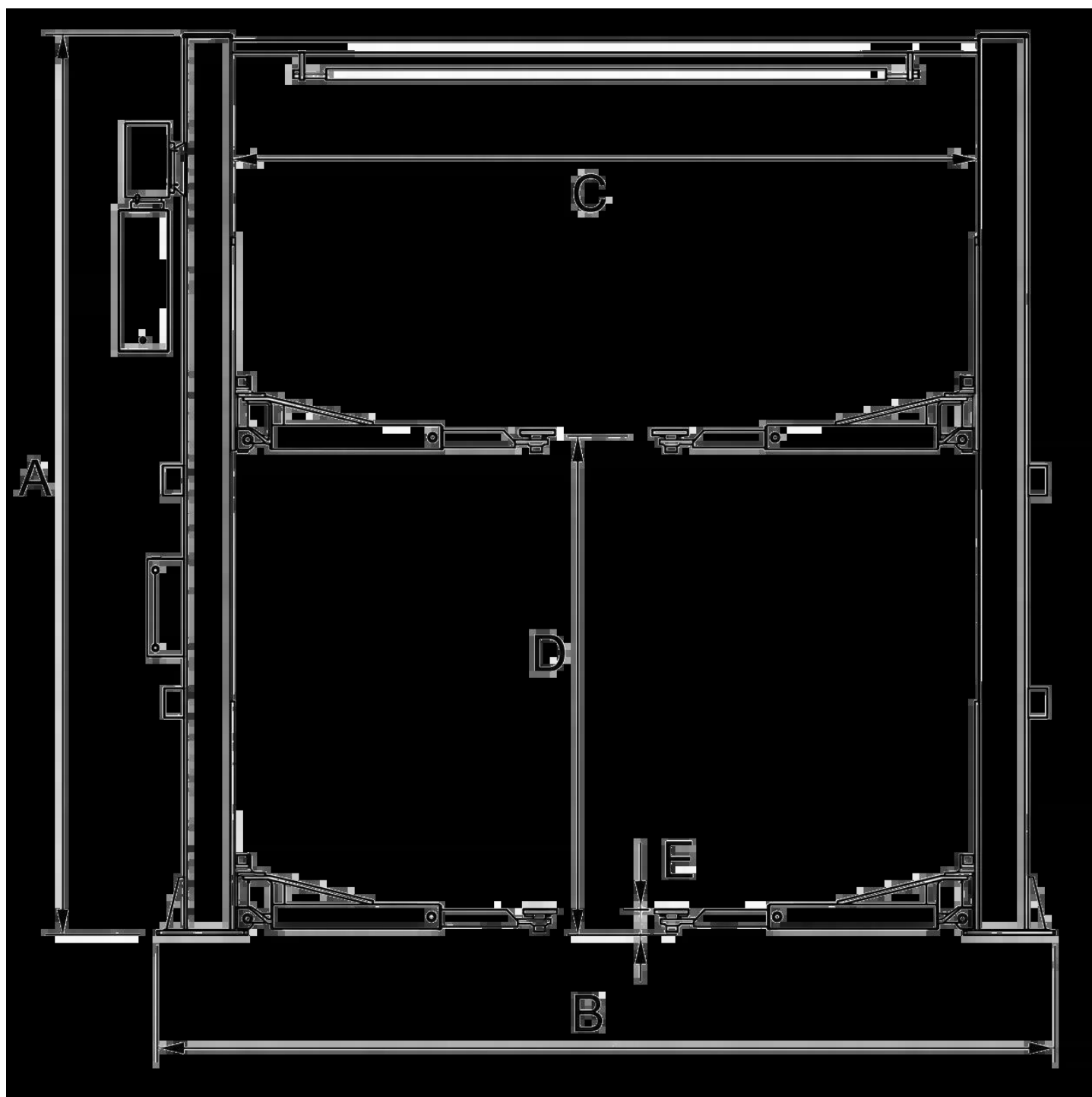
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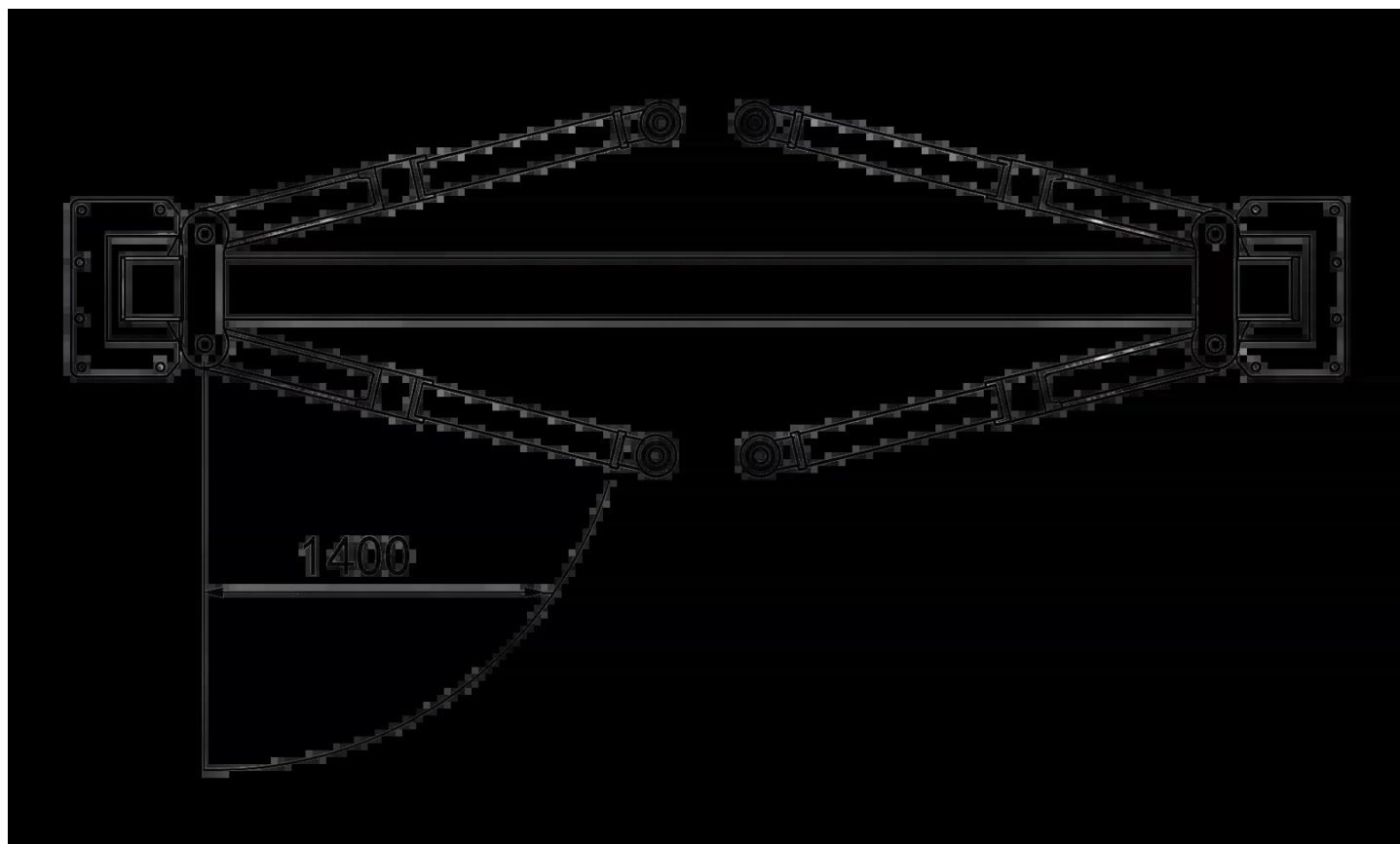
Lift View with Additional Oil and Anchors
Technical Images

Dimension Drawings and Technical Details of the TW340E Lift

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Overhead-Beam Lift Dimensional Diagram



Working Arms and Working Range
Characteristics

Two-Post Lift with Overhead Beam and Automatic Lock Release

The TW340E lift has been designed as a stable station for lifting vehicles in workshops and service centres. The overhead-beam construction provides convenient working space beneath the vehicle, while automatic electromagnetic lock release increases operating convenience.

4500 kg lifting capacity – servicing passenger cars, SUVs and light commercial vehicles.

Automatic lock release – electromagnetic safety-lock release system.

24 V low-voltage control – control system with a low-voltage control box.

3730 mm overall height – overhead-beam construction with a top plate.



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3310 mm overall width — stable two-post construction.

2820 mm width between columns — convenient vehicle positioning between the posts.

2+3-stage arms — working arms suitable for a wider range of vehicles.

C-type arm holders — the enclosed holder construction increases strength and safety.

Operating Process

How Does the TW340E 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. After completing service work, the operator uses the automatic lock-release system and lowers the vehicle in a controlled manner.

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

Automatic Lowering

After completing the work, the operator activates automatic electromagnetic lock release and lowers the vehicle in a controlled manner.

Safety

Solutions Enhancing Operational Safety

The TW340E is equipped with solutions that support safe workshop operation: automatic electromagnetic lock release, steel-cable synchronization, automatic arm locks, upper working-zone protection and rubber



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pads protecting the vehicle lifting points.

Automatic safety locks – electromagnetic release with a 24 V control system.

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

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

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

Applications

Where Is the TW340E 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.

Technical Specifications



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Technical Parameters of the TW340E Lift

Model **TW340E**

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

Lifting Capacity **4500 kg**

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

Overall Height **3730 mm**

Overall Width **3310 mm**

Width Between Columns **2820 mm**

Lifting Height **1800 mm**

Minimum Height **110 mm**

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

Lock Release Type **Automatic electromagnetic safety-lock release**

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

Synchronization **Steel cable / aircraft cable**

Working Arms **2+3-stage arms, suitable for a wider range of vehicles**

Arm Length **1400 mm**

Arm Holder **Enclosed C-type arm holder for increased strength and safety**

Automatic Arm Safety System **Automatic locking and release of the working arms**

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**

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

Intended Use **Passenger cars, SUVs and light commercial vehicles up to 4500 kg**