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### TW250 Two-Post Lift 5 t





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TW250 – two-post automotive lift with a base frame, 5000 kg lifting capacity and single-sided manual safety-lock release.

Two-Post Lift with Base Frame



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### TW250 Two-Post Lift

Workshop Lift with Base Frame, 5 t Lifting Capacity and Single-Sided Manual Safety-Lock Release

**TW250** 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 cars, SUVs and light commercial vehicles. The construction is designed for vehicles weighing up to **5000 kg**.

The model features **single-sided manual safety-lock release**, steel-cable synchronization, automatic arm locks, C-type arm holders, self-lubricating UHMW sliders and 3+3-stage arms. The width between the columns is **1800 mm**, while the overall construction height is **2800 mm**.

#### **5 t Lifting Capacity, Base Frame and Single-Sided Manual Lock Release.**

The TW250 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**

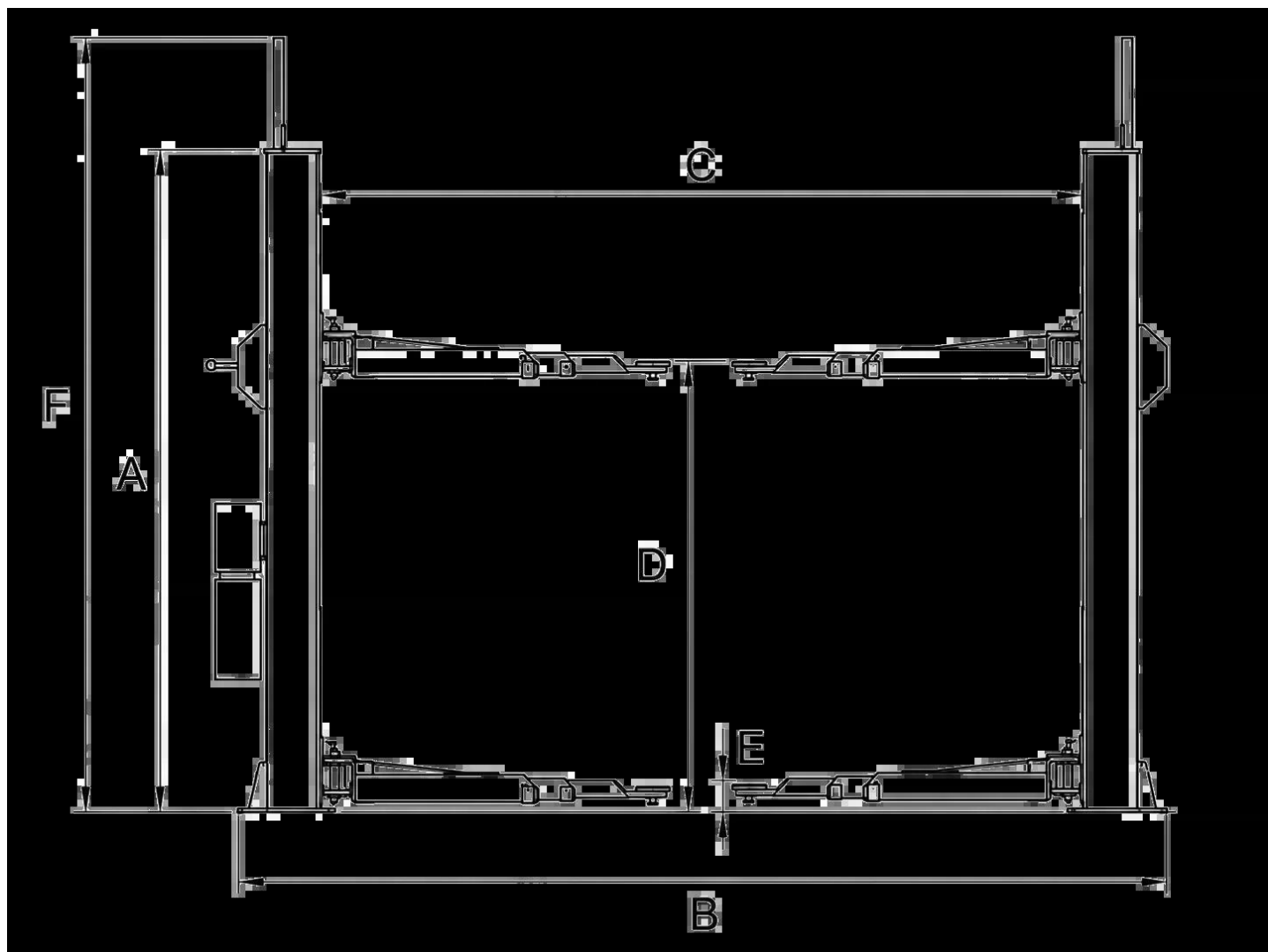
Below is an additional illustrative image of the equipment together with accessories, additional oil and installation anchors.



Lift View with Additional Oil and Anchors  
Technical Images

## Dimension Drawings and Technical Details of the TW250 Lift

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Base-Frame Lift Dimensional Diagram



3+3-Stage Working Arms and Working Range  
Characteristics

### Two-Post Lift with Base Frame for Daily Workshop Work

The TW250 lift has been designed as a stable station for lifting vehicles in workshops and service centres. The lower base-frame construction allows use of the unit in locations where a two-post lift with a low overall height is required, with steel-cable synchronization and a 5000 kg lifting capacity.

**5000 kg lifting capacity** — servicing passenger cars, SUVs and selected commercial vehicles.

**Single-sided manual lock release** — convenient safety-lock operation from one side of the lift.

**3460 mm overall width** — extended-width working construction.

**2940 mm width between columns** — more space for vehicle positioning.



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**3+3-stage arms** – working arms suitable for a wider range of vehicles.

**1300 mm arm length** – extended range of the lifting arms.

**Automatic arm locks** – secure arm position during operation.

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

### Operating Process

#### How Does the TW250 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 a mechanical lock. After completing service work, the operator releases the lock manually and lowers the vehicle.

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 the mechanical safety device locks the vehicle at the selected height.

3

#### Service and Lowering

After completing the work, the operator releases the safety lock from one side and lowers the vehicle in a controlled manner.

### Safety

#### Solutions Enhancing Operational Safety

The TW250 is equipped with solutions that support safe workshop operation: single-sided manual lock release, steel-cable synchronization, automatic arm locks, C-type arm holders, a safety limit switch at the



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top and rubber pads protecting the vehicle lifting points.

**Single-sided safety lock** – mechanical safety device with manual release from one side.

**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 TW250 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 TW250 Lift

Model **TW250**

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

Lifting Capacity **5000 kg**

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

Overall Height **2800 mm**

Overall Width **3460 mm**

Width Between Columns **2940 mm**

Lifting Height **1800 mm**

Minimum Height **110 mm**

Maximum Height **3350 mm**

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

Lock Release Type **Single-sided manual safety-lock release**

Synchronization **Steel cable / aircraft cable**

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

Arm Length **1300 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 5000 kg**