

Experience The **HYDHOME** Advantage

CABIN TILTING CYLINDER

INTRODUCTION



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"Strong Parts, Stronger Trucks"

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CABIN TILTING CYLINDER INTRODUCTION

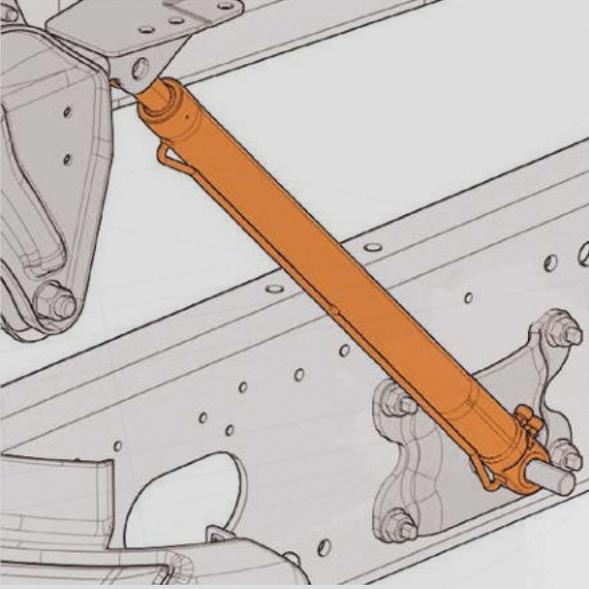


The journey of **BAŞEL** to achieve the ultimate success started in 1962 as a welding and lathe workshop in a small town in Konya. Later, with decades of experience **BAŞEL** set out to move one step forward to the production world, and first ever its production was the Universal Lathe Machine which allowed the engineers to strengthen their skills. Manufacturing had become a main priority for the company during the technological revolution, especially in transportation. In 1993, **BAŞEL** decided to switch to manufacturing spare parts for commercial vehicles, due to the demands and needs from the global market. After years of production of spare parts for commercial vehicles, **BAŞEL** has established its name in the competitive market under the trademark **HYDHOME Hydraulic Equipments**. Since 2016, **HYDHOME** started exporting and competing in the worldwide market by offering its **high-quality** products to more than 20 countries as well as satisfying its partners and customers keeping long-term business relations.

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which offers its greatest quality and customer satisfaction!

CABIN TILTING CYLINDER INTRODUCTION



The **Cabin Tilting Cylinder**, also known as the **Cab Tilt Cylinder**, is an essential component used in commercial vehicles, particularly trucks, to facilitate the tilting of the **driver's cabin** towards the front. This feature **enables easy and safe** access to the engine compartment, allowing for efficient maintenance and servicing.

The **Cabin Tilting Cylinder** serves the purpose of providing controlled movement and positioning of the **driver's cabin**. By tilting the cabin forward, it grants **convenient access** to the engine, transmission, and other vital components for inspection, repair, and maintenance tasks.



CABIN TILTING CYLINDER INTRODUCTION



The primary function of the Cabin Tilting Cylinder is to generate hydraulic force that enables the controlled tilting motion of the driver's cabin. It operates by utilizing hydraulic pressure to extend and retract a piston, which in turn moves the tilting mechanism. The cylinder is usually integrated with a locking system that securely holds the cabin in position during maintenance operations.

CABIN TILTING CYLINDER INTRODUCTION



The **production procedure** of **Cabin Tilting Cylinders** comprises several **essential phases**. Firstly, **premium materials** like strong steel and long-lasting seals are meticulously chosen to **guarantee** the cylinder's robustness, steadiness, and protection against external factors. **Skillful** machining, forming, and assembly techniques are employed to shape and construct the cylinder structure. **Precise** integration of internal parts, including pistons, seals, and hydraulic fittings, is carried out. **Thorough testing** and **quality inspections** are performed to ensure the cylinder's **effectiveness, longevity, and safety** prior to its readiness for delivery to vehicle manufacturers and aftermarket suppliers.

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HYDHOME Hydraulic Equipments' Cabin Tilting Cylinders are manufactured to meet the highest quality standards. The company offers a warranty that covers manufacturing defects and premature failures under normal operating conditions. The specific terms and duration of the warranty may vary, so please refer to the warranty documentation provided on our website www.hydhome.com.tr for detailed information. In case of any issues covered by the warranty, customers are advised to contact us for assistance and potential resolution.

CABIN TILTING CYLINDER INTRODUCTION



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HYDHOME Hydraulic Equipments Cares About the Users of Our Products,

Company advises you to follow basic **Safety Instructions for Installation and Maintenance:**

To ensure safe and optimal usage of the **Cabin Tilting Cylinder**, it is essential to follow these instructions: Only **qualified personnel** with relevant training and experience should handle the installation, maintenance, and repair of steering cylinders. **Improper handling can result in accidents or damage to the vehicle.**

1.Installation: Ensure that the cylinder is **securely mounted**, and all connections are **correctly tightened**. Inspect the locking mechanism to ensure it engages properly and securely holds the cabin in the **tilted position**.

2.Maintenance: Regularly inspect the cylinder for signs of wear, leakage, or damage. Check hydraulic fluid levels and ensure they are within the recommended range.

3.Safe Operation: Before tilting the cabin, ensure that the **vehicle is parked** on a level surface and the parking **brake is engaged**. Always exercise caution and maintain a safe distance from the tilting mechanism during operation.

Remember, failure to follow these safety instructions may result in accidents, vehicle damage, or personal injury.

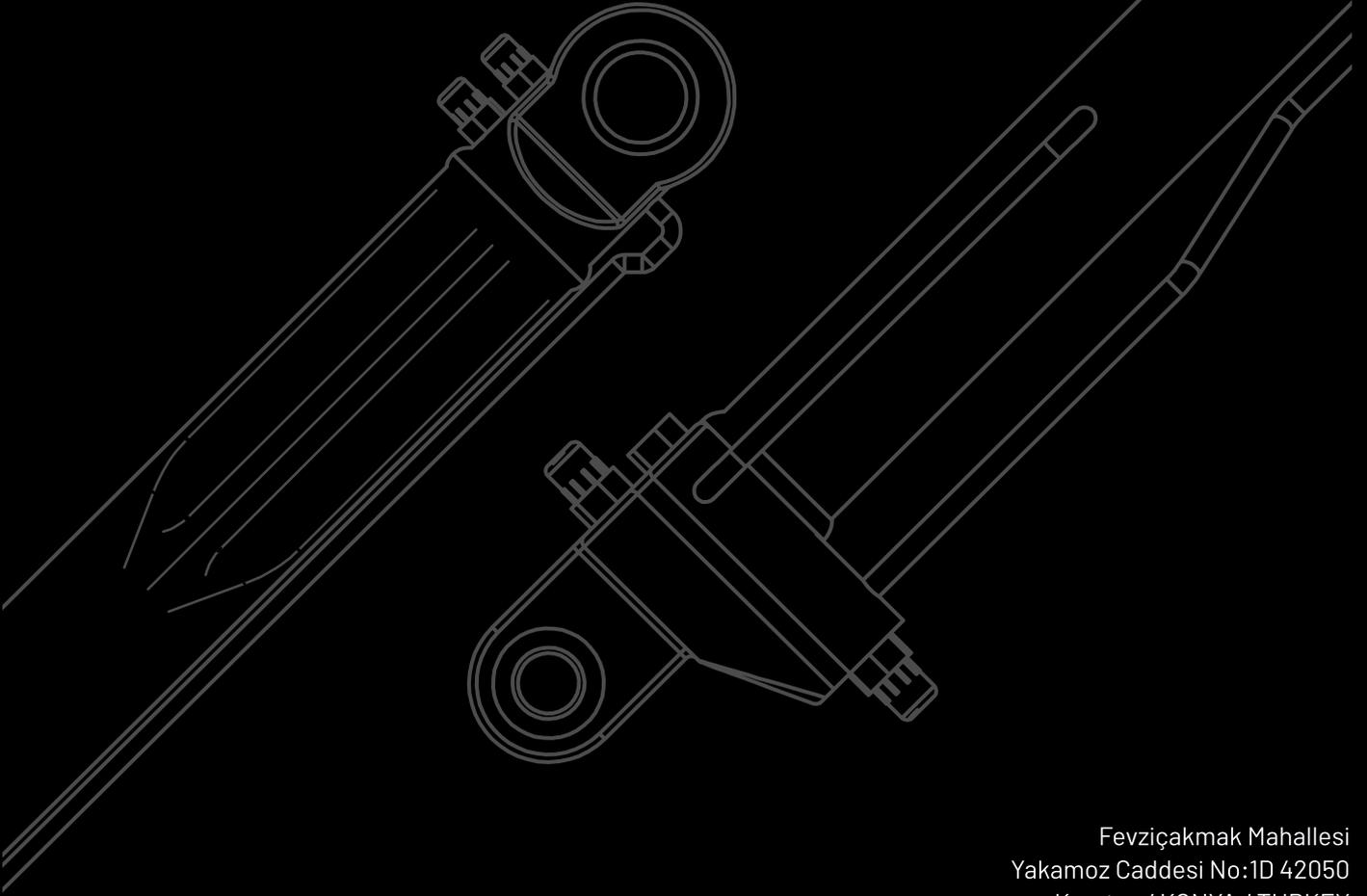


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