



x-lift

The small module with great effect

Dürr Assembly Products is entering the second generation with the compact x-lift lifting unit. The internal structure has been optimized and a new drive system has been used.

This means a greatly improved stroke to height ratio and a significantly increased eccentric load carrying capacity.

APPLICATION

In chassis assembly (marriage), the drive train and chassis components are joined to the vehicle body by lifting the workpiece carrier.

The space below the workpiece carrier is required for lifting elements and assembly processes (bolts, clips, etc.). The smaller the area occupied by the lifting unit, the better the accessibility.

BENEFITS



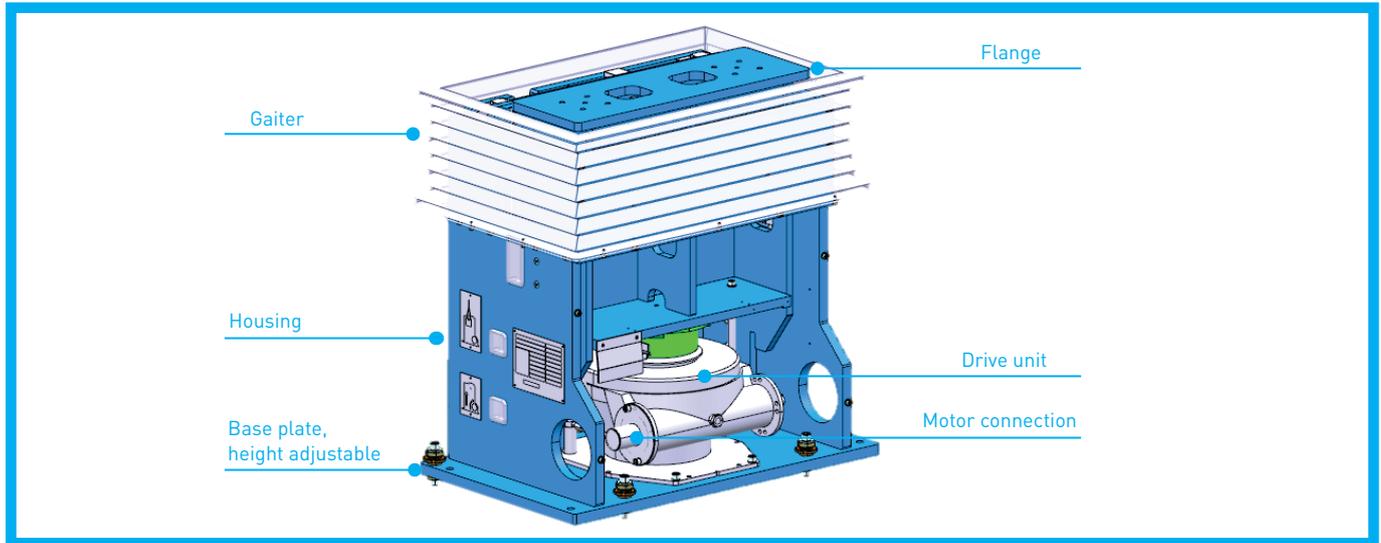
Small - the area occupied underneath the pallet (including gaiter) is kept to a minimum and remains constant over the entire stroke

Compact - through the ideally arranged linear guides, it is possible to support extremely high offcentred loads of over 4.000 Nm.

High lifting capacity - Lifting loads of 23kN are no problem for the small "muscle man"

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FLEXIBILITY

Our lifting unit, x-lift, gives the largest possible free space which leaves room for the assembly operations and automation.

QUALITY

We carry out the quality inspection in-house. Further advantages of this worldwide proven system are the low overall height, the extremely large lifting stroke and the high availability of 99.9%.

DRIVE

The drive system consists of a controlled electric motor (servo, frequency controlled), a drive shaft and an angle encoder. The drive shaft can be arranged to exit the housing in four different positions to allow the motor to be positioned according to requirements.

TECHNICAL DATA	
Base height	740 mm
Stroke	880 mm
Other sizes are possible on request	

OPTION



The patented safety brake serves to prevent uncontrolled "falling" of the lifting unit.



Contact

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