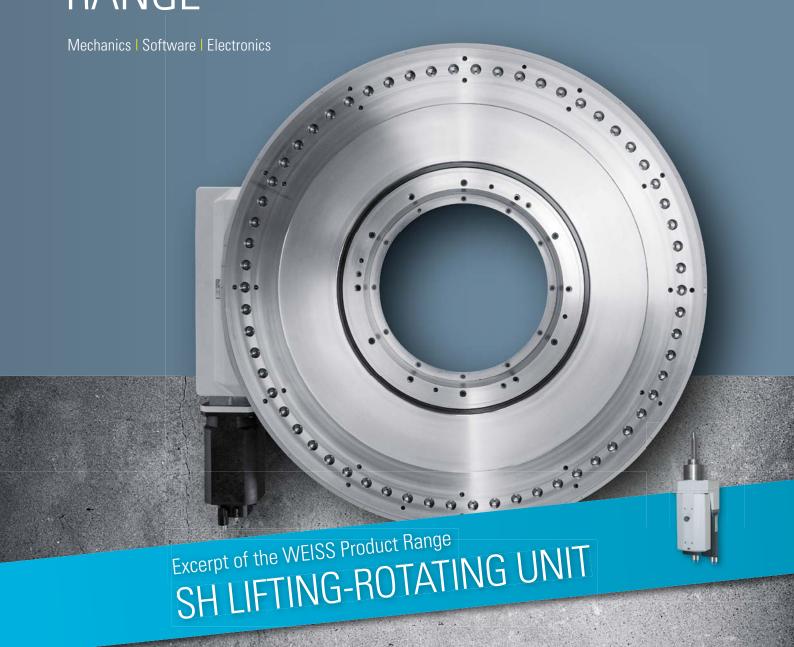
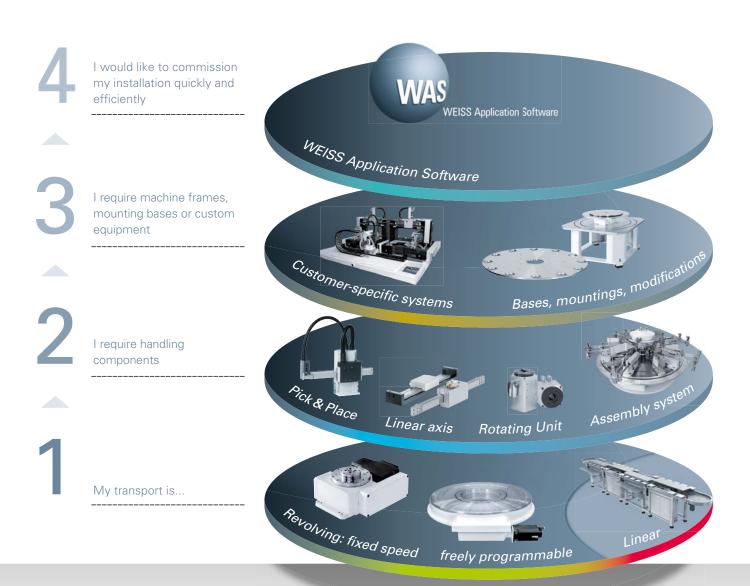


PRODUCT RANGE





Four steps to perfect automation

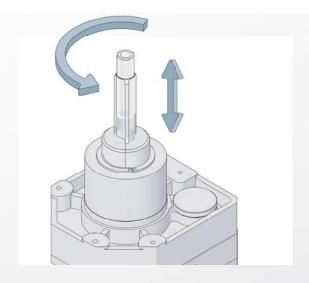




SH lifting-rotating unit

The resounding success enjoyed by the SH 75 is largely thanks to its versatile and flexible deployment options. The lifting and rotary axes are user-programmable independently of one another – making the axis combination suitable for a wide range of applications, including varying tasks. A high power density, extremely compact dimensions, as well as fast and convenient start-up using the WEISS Application Software are further plus points. The new integrated servo motors have catapulted the unit into new categories of dynamics and precision.

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Handling unit with independent servo axes for lifting and rotary movements



Fast, easy and secure setting through its unique user software

The key advantages at a glance

- Compact design with high power density
- Excellent dynamics thanks to use of the latest servo drives
- Flexible deployment options throughout varying tasks/processes
- User programmability of the two independent lifting and rotary axes
- WEISS Application Software (WAS) for quick and easy start-up

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SH 75

Technical data

Stroke 0-75 mm user-programmable

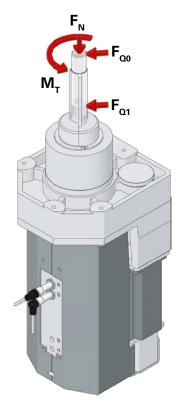
Rotary axis Any, endless rotation also possible

Repeatability accuracy (rotation) ± 115 "
Repeatability accuracy (stroke) ± 0.02 mm
Output shaft \emptyset 18 h6

Output shaft bore Ø 11 mm (for air and sensor cables)

Installation position Any

Weight Approximately 15 kg



Cycle times

Diagrams can be used to determine the cycle times for your motion sequence based on the respective travel distance and load on the rotary axis.

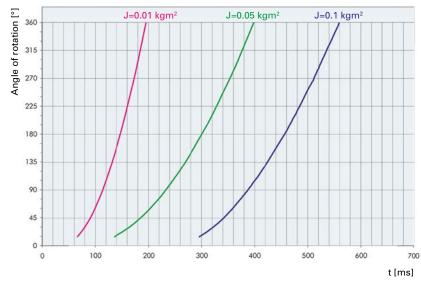
Example:

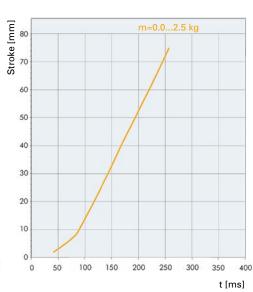
Load: 0.2 kg on 230 mm radius (corresponds to 0.01 kgm²)

Movement: Lifting 20 mm / rotation 90° / lowering 30 mm

Cycle time: $t_{Lift} + t_{Rotate} + t_{Lower} = 120 \text{ ms} + 115 \text{ ms} + 140 \text{ ms} = 375 \text{ ms}.$

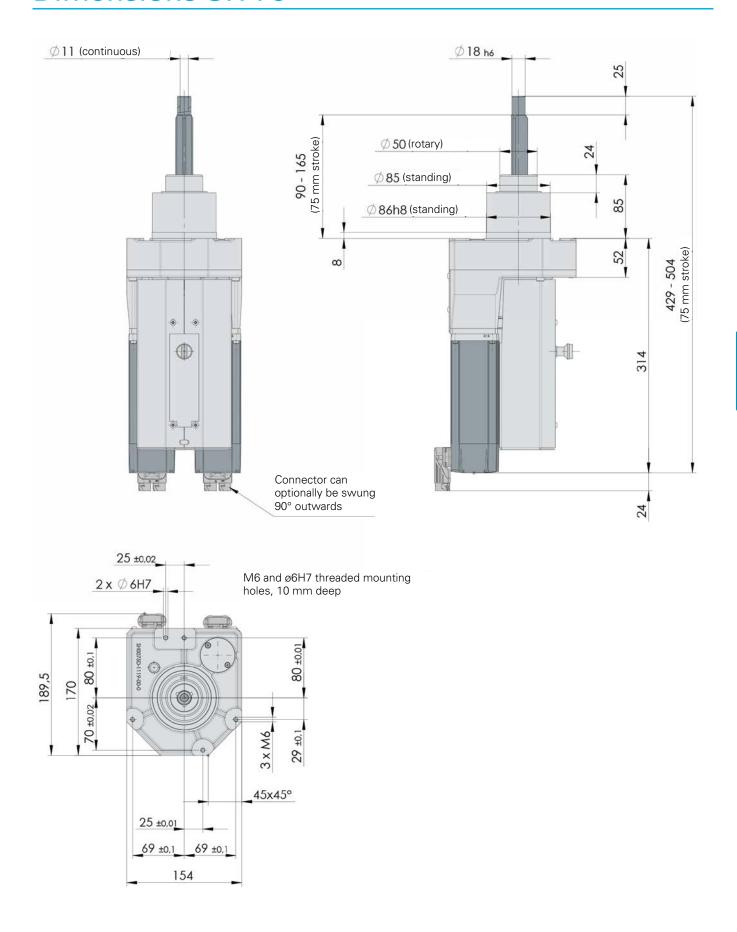
Drive Time





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Dimensions SH 75



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WAS – WEISS Application Software

In addition to the basic functions of the start up, WAS – WEISS Application Software also gives you easy access to the teaching of positions and programming of motion-sequences. Your Windows-PC will be connected through RS232 or Ethernet with our drive.

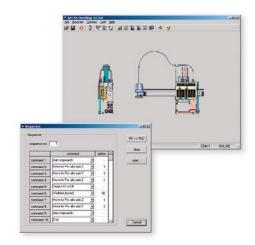


Communication

- Profibus-DP
- Digital I/O
- Free ASCII protocol
- Ethernet
- DeciveNet-CAN
- EtherNet/IP
- Modbus TCP
- CAN

Software

- All positions and speeds are user programmable
- Up to 128 teaching positions
- Up to 32 programs can be stored
- Ability to force inputs and putputs (e.g. for initial start-up)
- Software cam-functions can be defined







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Machine Layout SH75

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Place/rotation sequence E Gripper closing t= _____ sec Gripper opening t= ____ sec

For technical enquiries

Company:	Desired delivery date:							
Name:	Phone:	Fax:						
Country:	email:							

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