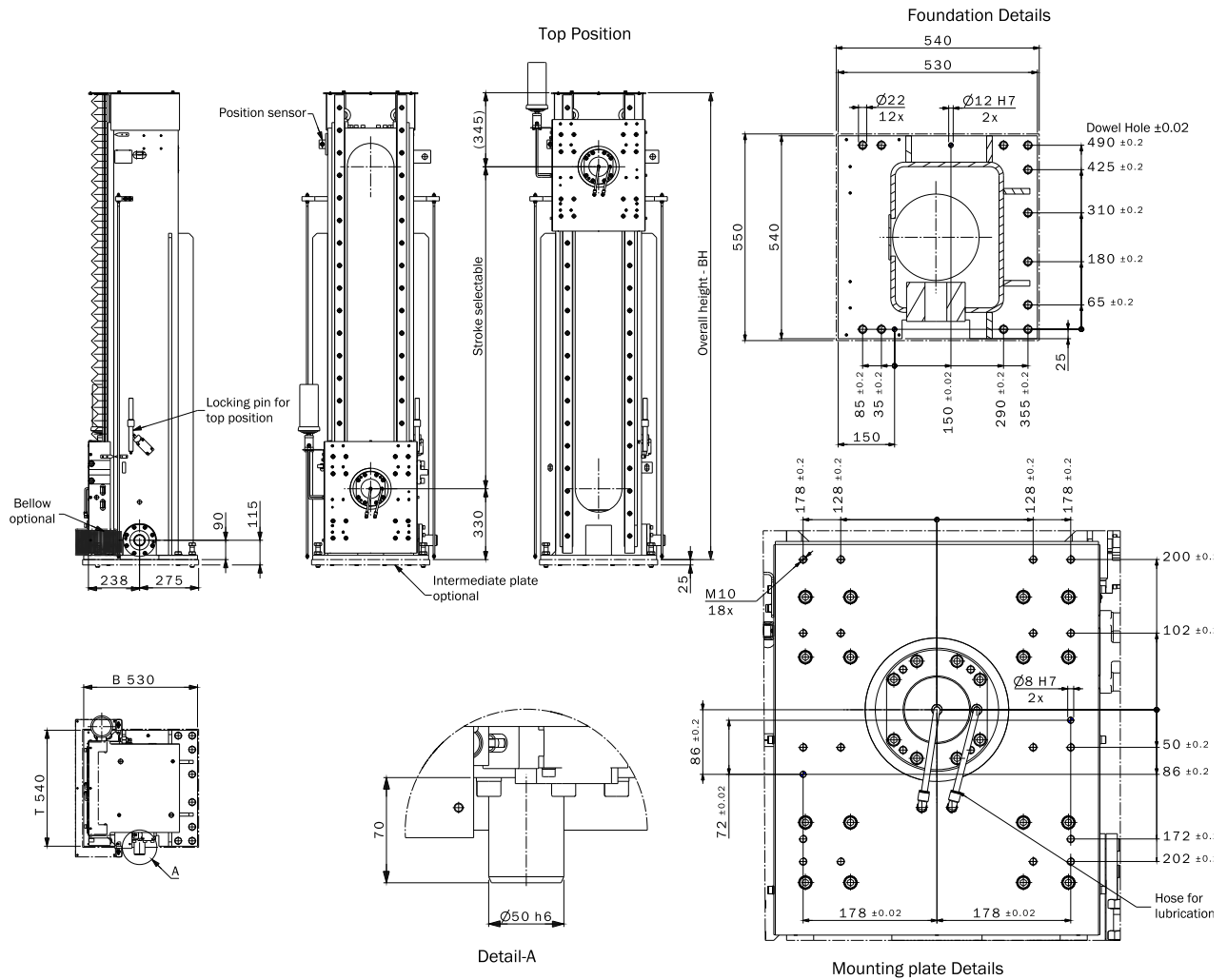


Data Sheet – Lift Table – EH18 - Type 2

Vertical linear axis for loads up to 2000 kg total weight per unit.



Key data of the EH18S:

Stroke (mm)	800	1000	1100	1500	1800
Height BH (mm)	2015	2215	2315	2715	3015
Dimensions B x T (mm)	530 x 540				
Net Weight (kg)	300	320	340	390	452
Installation position drive <i>cardan or motor</i>	A und B possible see picture 1				
Lift times (s)	see diagram 1				
Offset loads x distance	see diagram 2 see picture 2				

Further Sizes of EXPERT-lift series:

Type / Class	Nominal Payload (kg)	Maximum Stroke (mm)
EH12 - Type 1	1075	1200
EH18 - Type 2	2000	1800
EH23 - Type 3	2520	2900

Default:

Colours:

- Fixed parts: 7035 RAL (Light gray)
- Moving parts: 2003 RAL (Pastel orange)

EXPERT-Gearbox:

- Oil CLP 460 SF - 8 Liters

Optional

- Bellows for the lower position
- Direct flange connection.

Drive:

Cardan shaft or direct flange connection with servo geared motors with smooth shaft possible (see Picture 1)
Automatic lubricators for the index cam

Technical specifications:

- $v_{max} = 1,1 \text{ m/s}$
- $a_{max} = 2,95 \text{ m/s}^2$
| depending on the load case.
| with standard configuration SEW motor with 15 kW
- Accuracy = $\pm 0.5 \text{ mm}$
- Repeatability = 0.1 mm
| without control, purely mechanical

Data Sheet – Lift Table – EH18 - Type 2

Vertical linear axis for loads up to 2000 kg total weight per unit.

Diagram 1 - Stroke over lift time*

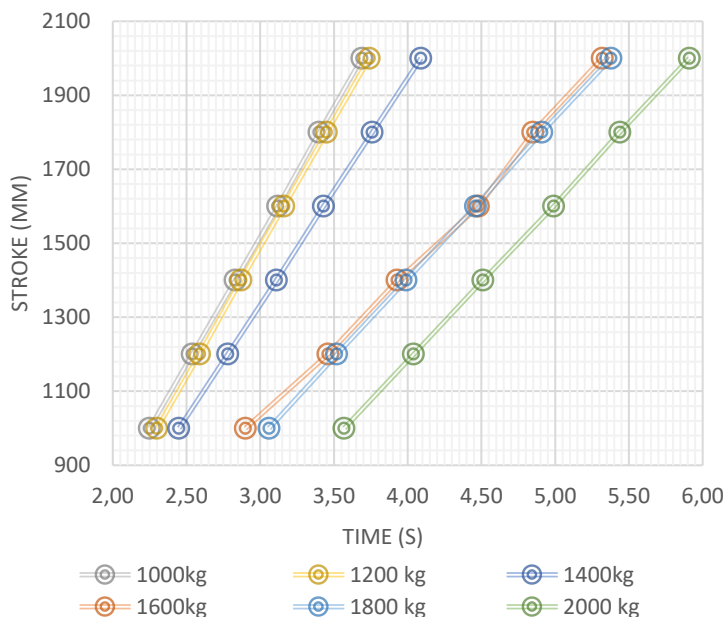
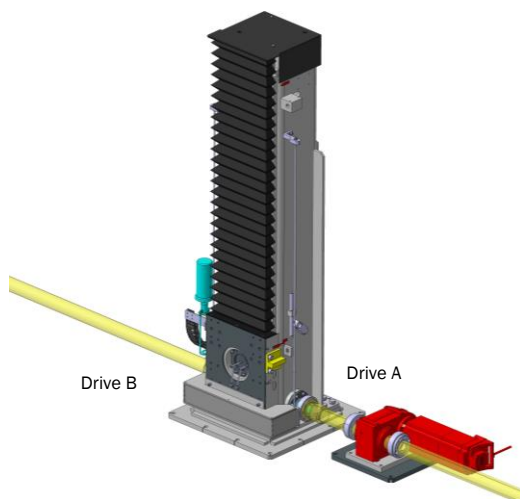
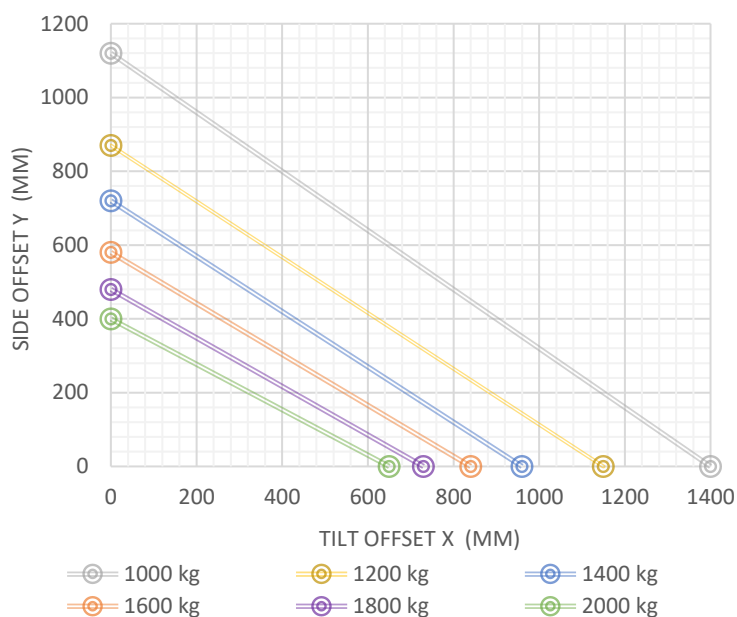
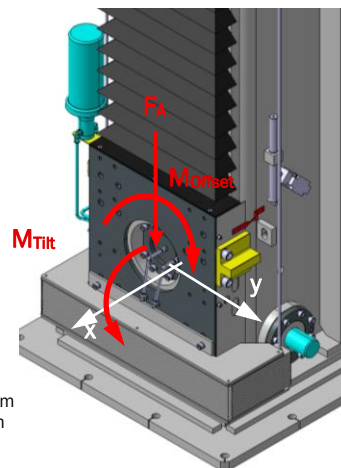


Diagram 2 - Side offset over tilt offset



Picture 1 – Connection possibilities (one of)



M_{Tilt} : 12700 Nm
 M_{Offset} : 7800 Nm
 F_A : 21500 N

Picture 2 – Forces and Torques

Accessories:

- Sensors and Initiators for multiple positions
- Standard Drive SEW.
| optional other manufacturers.
| Motor adaptations/couplings.
- Bellows for the upper position.
- Energy chain.
- Automatic slide lubrication.
- Automatic PLC controlled lubrication systems.
- Maintenance Locks manual or pneumatic.

Product Details:

www.expert-tuenkers.de > Produkte > Transporttechnik

Contact person

www.expert-tuenkers.de > Vertrieb

For more information and project inquiries, contact us at
sales@expert-tuenkers.de

*Stroke times were determined for standard configurations.
 Deviations possible.