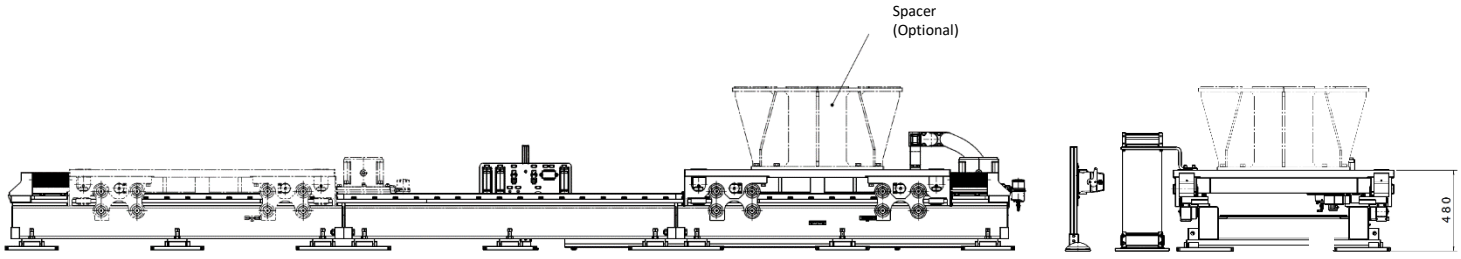
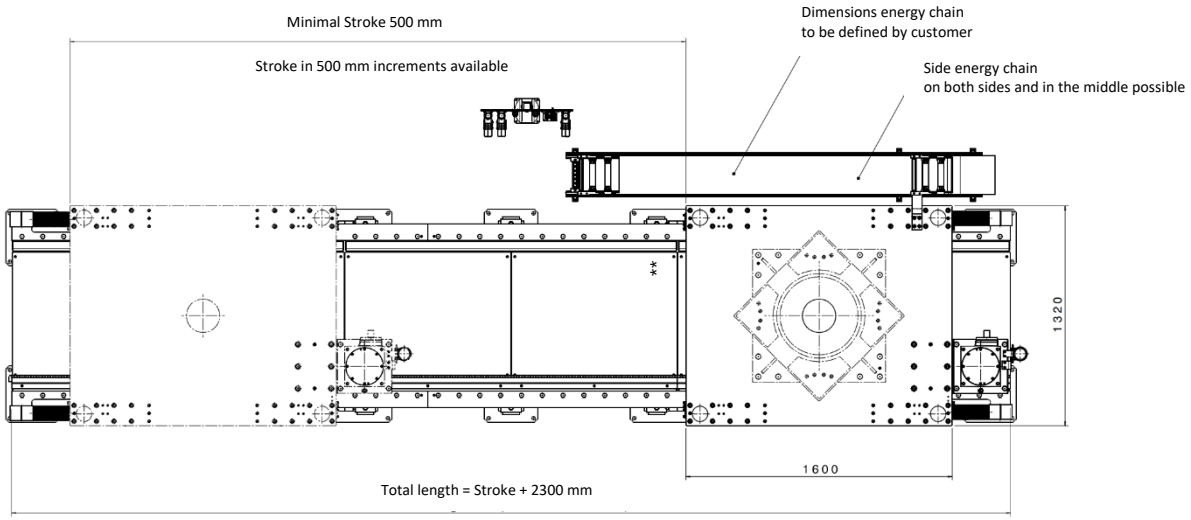
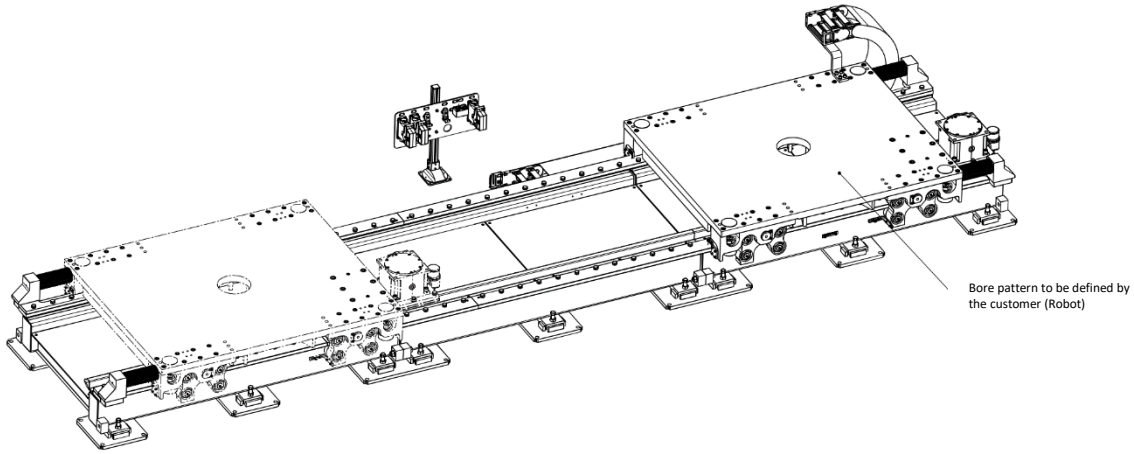
EXPERT-TÜNKERS – 7TH AXIS – EFA 3

Linear axis for robots up to 4500kg total weight.







Order example:

Stroke	mm
Robot type / model	
bulkhead plate	
application	
Number of robots per axis	

The 7th axis series:

Type	As 7th axis robot weight[2]	As a linear carriage tool weight[2]
EFA 1	1000kg	2000kg
EFA 2	2000 kg	4000 kg
EFA 2.5	2500 kg	5000 kg
EFA 3	4500kg	6000kg
EFA 4	>5000kg	>7000kg

[2] *Approximated values*

Standard:

Modular design - lengths:
|Modules 1500 and 2000 mm

Colours
|fixed parts: 7035 RAL
|moving parts: 9005 RAL

Gearbox for straight shaft Motors
Automatic lubricators for racks and pinions
Energy chain on the side
inner (outer) dimensions
H: 42/56 (65/85) mm
W: 250 (278/284) mm

Technical specifications:

v max = 2.0 m/s
a max = 2.0 m/s²
|*depending on the application*

Accuracy = ±0.2mm
Repeatability = 0.05mm
|*Without control, just mechanical*

Accessories/Optionals:

Automatic lubrication units for:
|carrier rollers
|guide rails

Spacer up to 500 mm in 100 mm steps.
|limitations due Robot tyoe can apply

Motor adaptations for involute and conical shafts, keys and encapsulated motors (*paint-motors*).

energy chain
|*Other dimensions and versions available*

Connection interface (Bulkhead) according to customer specifications

Product details
www.expert-tunkers.de > Produkcs > Transporting Technology > EFA | Sevent Axis

Online inquiry form
www.expert-tunkers.de > Inquiry > Seventh axis

For more information and project inquiries, contact us at salesvb13@expert-tuenkers.de