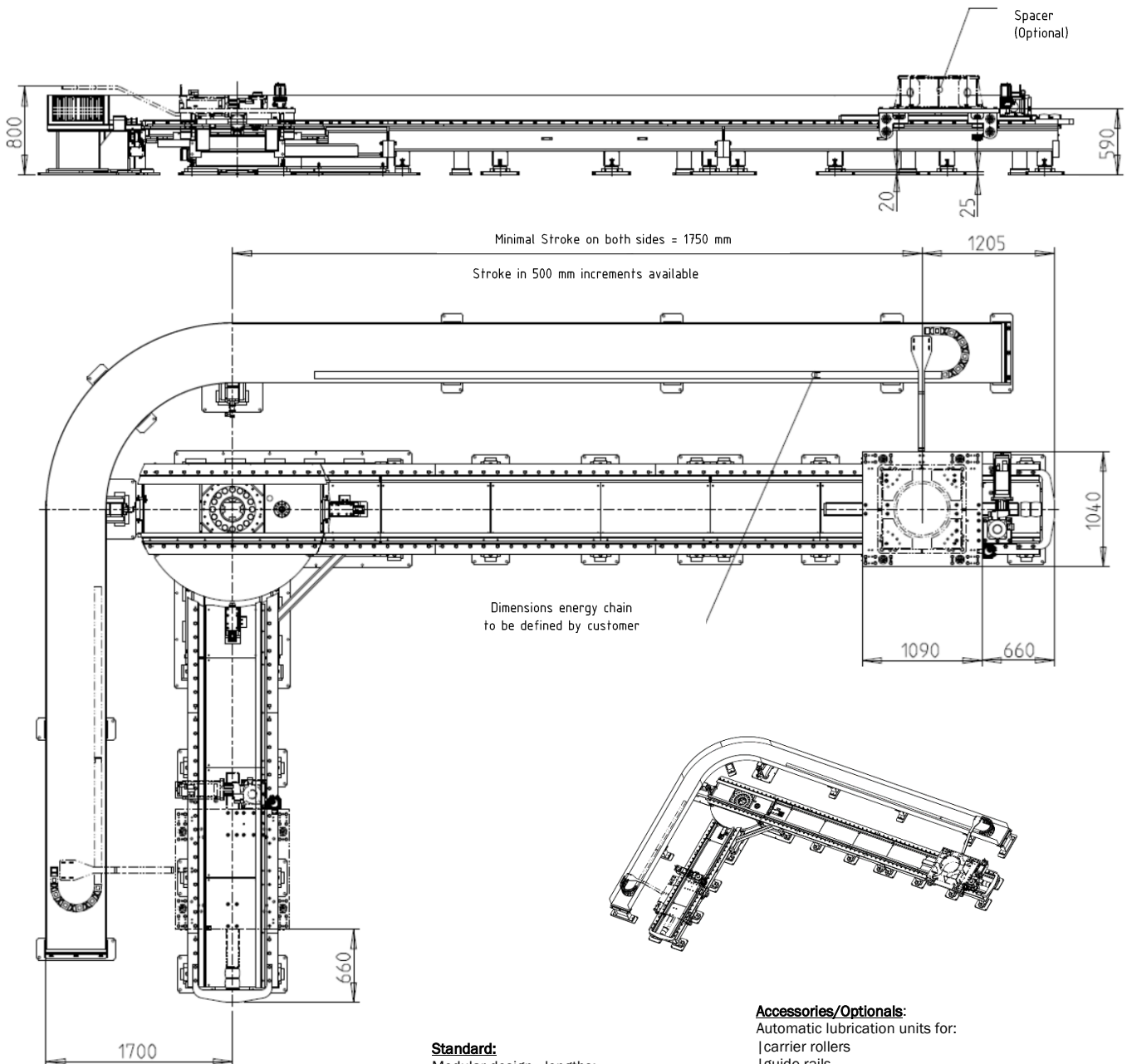


EXPERT-TÜNKERS – 7TH AXIS + TURNING STATION



Linear axis and Indexing station for robots up to 2000kg total weight.



Order example:

Stroke		mm
Robot type / model		
bulkhead plate		
application		
Number of robots per axis (max. 2)		
Indexing angle Turning station		

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

Technical specifications:

Linear Axis
v max = 2.5 m/s
a max = 3.8 m/s²
| depending on the application

Turning station
Index t ≤ 3.0s for 90°.
Lockout 1.0s ≤ t ≤ 0.8s
| Without control, just mechanical

Accuracy = ±0.2mm
Repeatability = 0.02mm
| Without control, just mechanical

Accessories/Optionals:

Automatic lubrication units for:
| carrier rollers
| guide rails

Spacer up to 1000 mm in 100 mm steps.

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

Other sizes (type 1 and type 4)
Other output angles (from 115° - 0°) available on request.

Product details

www.expert-tunkers.de > Products > Transporting Technology > EFA | Seventh Axis

Online Request

www.expert-tunkers.de > Inquiry > Seventh axis

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

www.expert-tunkers.de > Anfrage > Siebte Achse