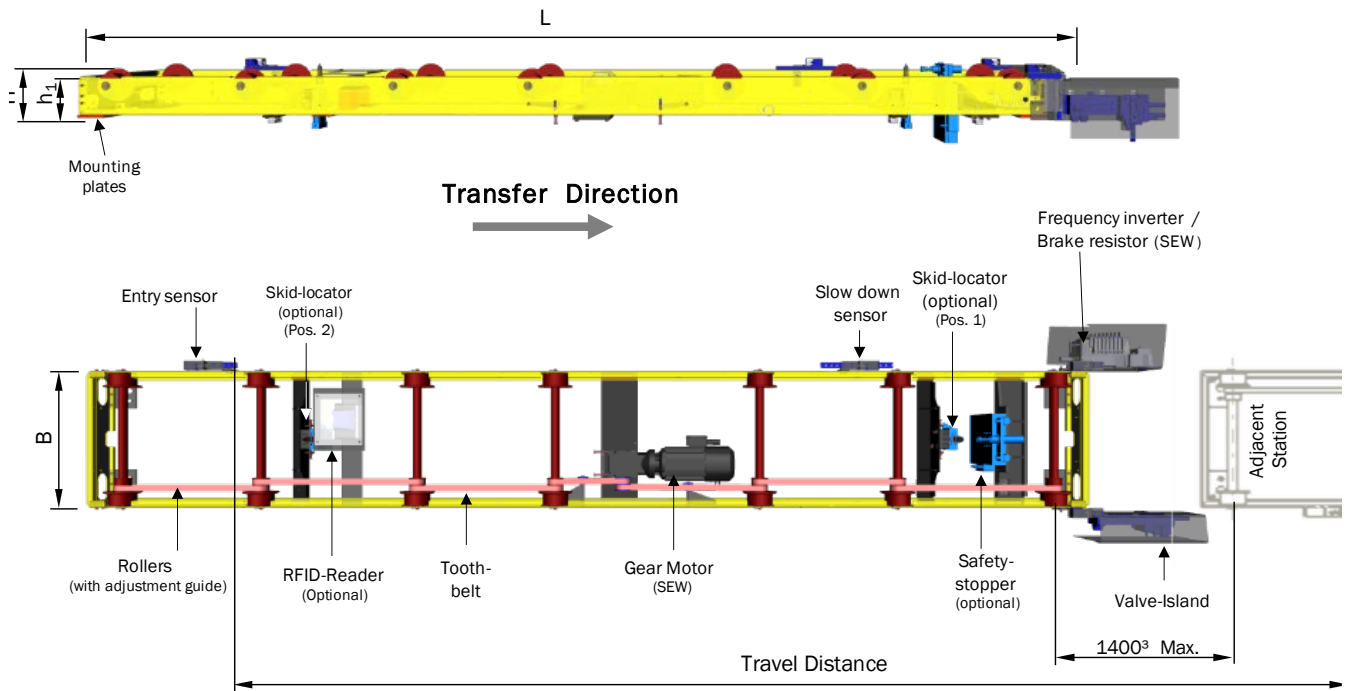


# Datasheet – Rollerbed – EFR - Type 1

Rollerbed up to 5500mm long.



<sup>3)</sup> Maximum station distance without support bracket: 1400mm  
 Driven support bracket: Maximum distance between two motorized rollers: 2000 mm  
 Passive support bracket: Maximum distance between the last motorized roller and a passive Roller: 600 mm

## Key Data of Rollerbed EFR type 1

Length L* (mm)	3500	4500	5000	5500
Frame height h <sub>1</sub> (mm)	220			
Total height H (mm)	252,5 (±3mm)			
Wall thickness (mm)	5			
Width B* (mm)	749/779/ 881			
Net weight approx. (kg)	615	665	700	735
No. Toothed belts/rollers	5	6	7	8
Position of the Motor	Center (Fig. 1)			

\*Special sizes available upon request

## Other Expert roller conveyor types:

Typ Class	Frame height Wall thickness (mm)	Nominal load capacity (kg)	Nominal support width (mm)
EFR – Typ 1	220 / 5	820	5000
EFR – Typ 2	220 / 8	1630	6000
EFR – Typ 3	300 / 8	2511	7000

## Standard:

### Colors:

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

### Frame:

- Side and front frames laser cut made of one beam piece.

### Drive:

- Geared motor with tooth belt.
- Rollers with eccentric rings for adjustments.
- Motor/Frequency converter / Brake Resistor specifically from SEW (other than SEW can be introduced as per customer requirement.)

### Skid positioning:

- Speed reduction with proximity sensors.
- TÜNKERS safety stopper with damper |SZKD 80-80Hub T12 PS AF
- TÜNKERS skid-locator |SA63-25/60 M24x1,5

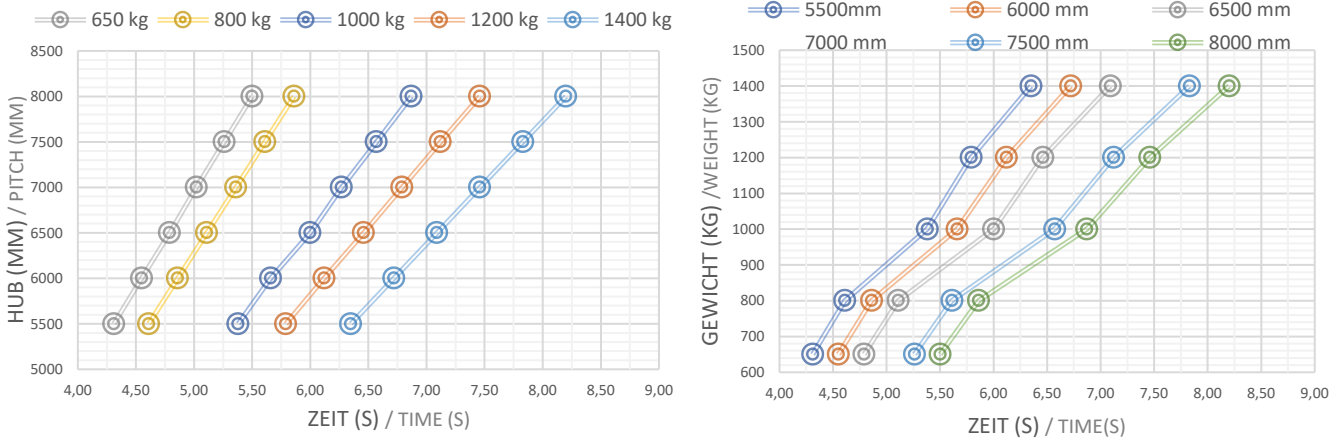
### Technical data:

- v<sub>max</sub> = 2,1 m/s
- a<sub>max</sub> = 2,1 m/s<sup>2</sup>  
|depending on load case.
- Standard configuration SEW inverter approx. 4 kW.
- Maximum braking time 1,2 s
- Without control, purely mechanical

# Datasheet – Rollerbed – EFR - Type 1

Rollerbed up to 5500mm long.

## Comparison of Rollerbed lengths, Load and Travel Time.



A

\*Strokes times were determined for standard configurations. Deviations possible.

Optional support bracket  
Also possible with Motor  
(Integrated if the distance between the stations is more than 1400mm).

**Ordercode:**  
EFR-1-L5000-B749-AAAA-AAAA

**Legend**  
N – Not required  
A – Standard  
B – Customized  
C – Project  
D – Other

(When purchasing base frames or support brackets, please enter the delivery height)

### Accessories:

- Walkable aluminum step cover
- Individual adaptation of the sensors to the movement profile
- Separate console for valve terminal and frequency inverter
- Base frame for stationary roller
- Motorized / non motorized support consoles, can be used between two stations if required

### Product details:

[www.expert-tuenkers.de/produkte/transporttechnik/rollenbahn](http://www.expert-tuenkers.de/produkte/transporttechnik/rollenbahn)

### Contact person:

[www.expert-tuenkers.de](http://www.expert-tuenkers.de) > Vertrieb

For further information and project inquiries, please contact us at [salesvb13@expert-tuenkers.de](mailto:salesvb13@expert-tuenkers.de)