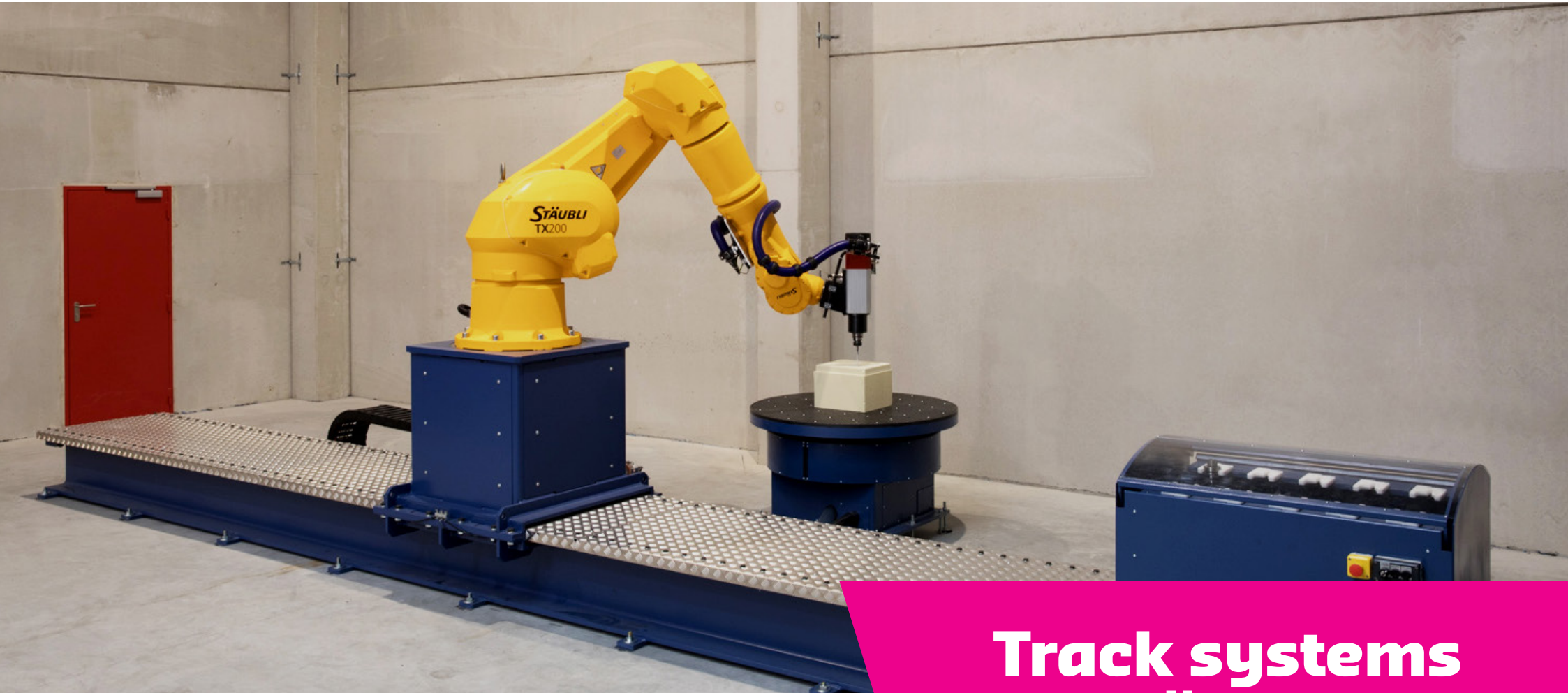




**Track systems**  
for **STÄUBLI**



# // CONTENT

**2-3**      **ABOUT VANSICHEN AND SIMKON**

**4**          **OVERVIEW**

**5-20**     **ROBOTTRACKS**

**21-29**    **REALISATIONS**



## ABOUT VANSICHEN LINEAR TECHNOLOGY AND SIMKON BY VANSICHEN

Vansichen Linear Technology, based in Belgium, started selling linear components in 1993. The company has since grown into a dynamic team that guarantees quick and efficient advice for linear technology ranging from standard components to customized components and even complete projects. In 2020 the company SimKon, based in Germany, was acquired which is now serving the DACH Region. As a manufacturer of robottracks, we develop and build solutions for various robot manufacturers to increase the robot's range. For industrial robots of Stäubli, we have developed a standard range tracks. Also for the cleanroom robots we have certified suitable tracks. All tracks can be customized based the requirements.

GENERAL INDUSTRY ROBOTS

| Stäubli Robot Type               | STÖBER Motor & Drive                   |  Floor |  Wall |  Ceiling |
|----------------------------------|----------------------------------------|-------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| TX2-40 & TX2-60 Series           | Motor: EZ401U/6000<br>Drive: SB6A16RNO | <b>FT25</b> P.5-7 / <b>FT30-AL</b> P.8                                                    | <b>AT25-W</b> P.10                                                                       | <b>AT25-C</b> P.12                                                                          |
| TX2-90, TX2-140 & TX2-160 Series | Motor: EZ502U/6000<br>Drive: SB6A16RNO | <b>FT35-AT</b> P.9 / <b>FT30-AL</b> P.8                                                   | <b>AT35-W</b> P.11                                                                       | <b>AT35-C</b> P.13                                                                          |
| TX2-200 Series                   | Motor: EZ702U/6000<br>Drive: SB6A26RNO | <b>SRMC-2000-3</b> P.15                                                                   |                                                                                          | <b>AT55-C</b> P.14                                                                          |

The control of a 7th and 8th axis is possible with the Stäubli CS9 Controller in combination with STÖBER Motor & Drive. The combination allows for fully synchronized motion between the robot and the additional axes. STÖBER Motor & drive recommendations are based on 1m/s and 1m/s² and are not in our scope of supply.



CLEANROOM INDUSTRIAL ROBOTS

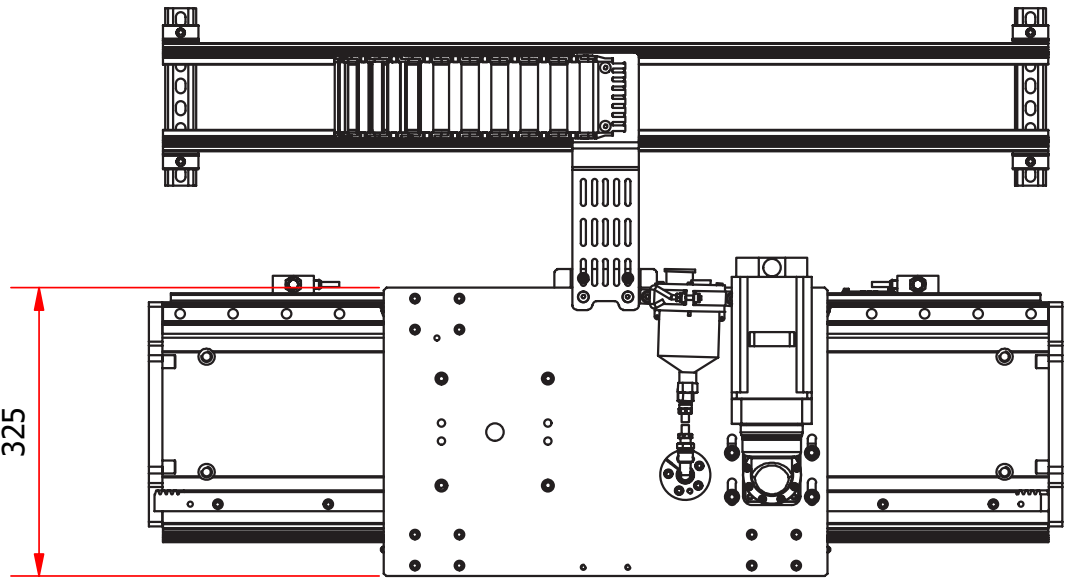
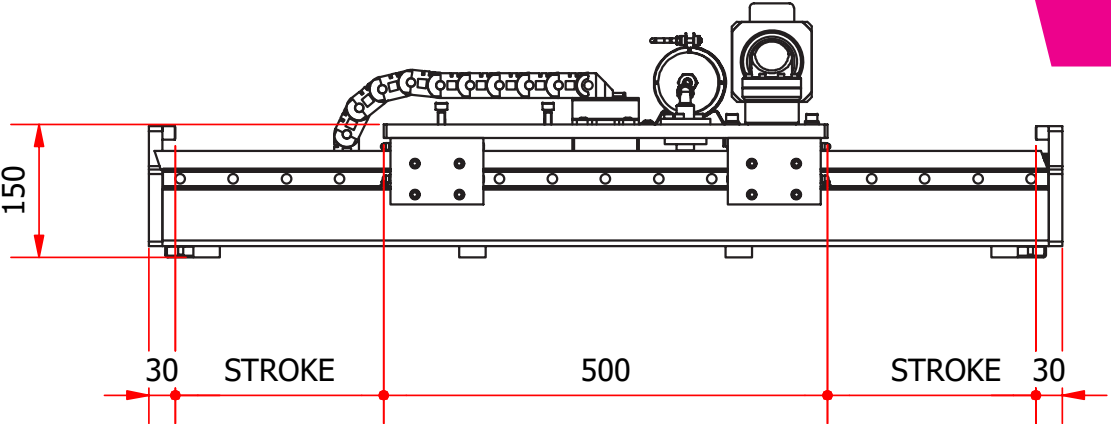
- ▮ Tracks Cleanroom standard ISO 14644-1 Class 4.
- ▮ Based on linear motor driving technology.
- ▮ Please contact us for cleanroom applications.

Track systems for *STÄUBLI*

| Robotrack FT25    |                                                                                           |
|-------------------|-------------------------------------------------------------------------------------------|
| Mounting Position |  FLOOR |
| Mass axis         | 90 kg/m                                                                                   |
| Guiding railsize  | 25                                                                                        |
| Driving System    | Rack M3                                                                                   |
| Acceleration      | 3 m/s²                                                                                    |
| Speed             | 3 m/s                                                                                     |

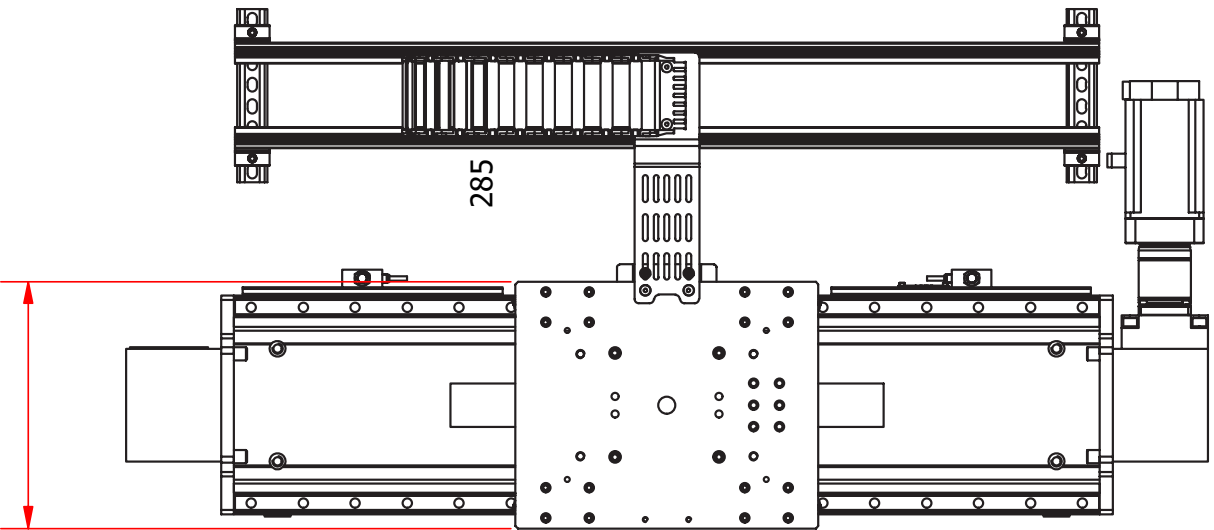
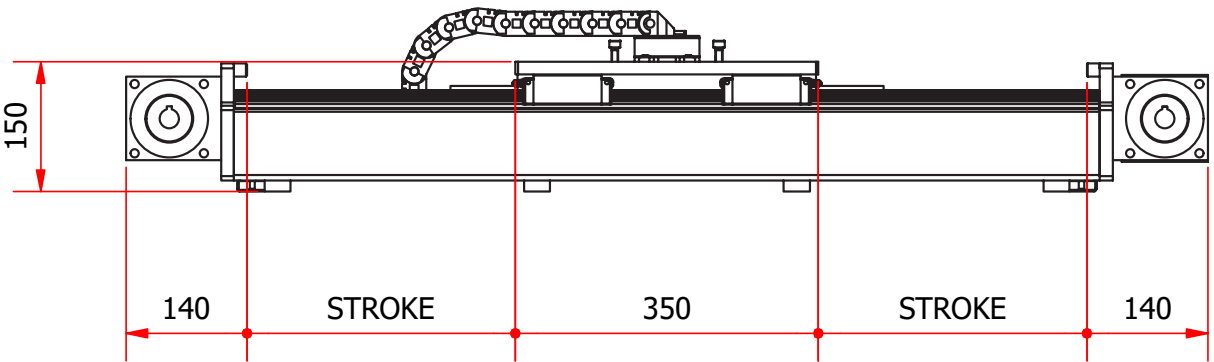
| Suitable Stäubli Robots |
|-------------------------|
| TX2-40                  |
| TX2-60                  |
| TX2-60L                 |

| STÖBER Motor & Drive |
|----------------------|
| Motor: EZ401U/6000   |
| Drive: SB6A16RNO     |



FT25

FT25-BD

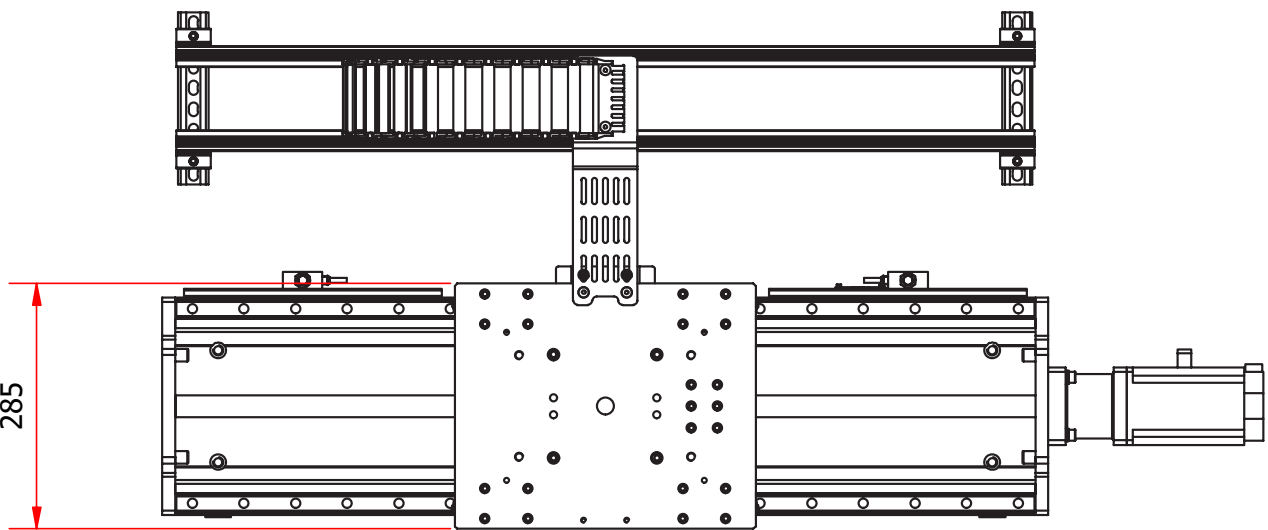
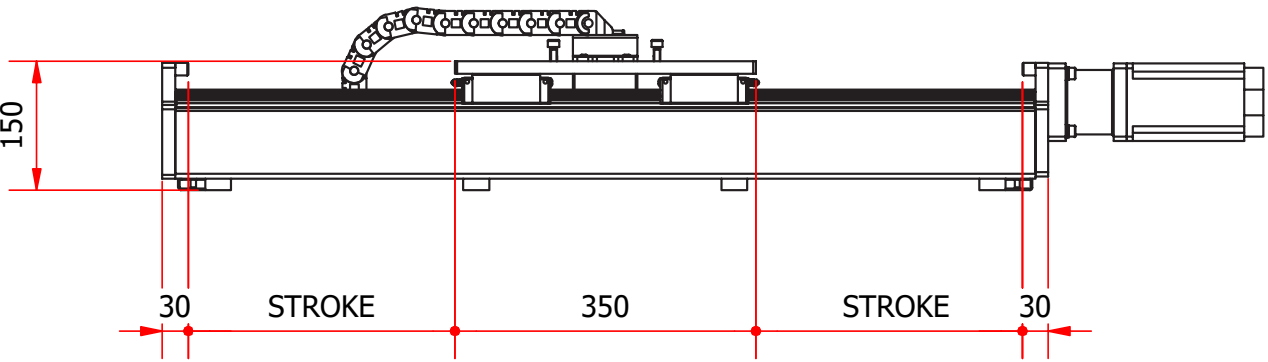


| Robottrack FT25-BD |                                                                                           |
|--------------------|-------------------------------------------------------------------------------------------|
| Mounting Position  |  FLOOR |
| Mass axis          | 75 kg/m                                                                                   |
| Guiding railsize   | 25                                                                                        |
| Driving System     | Belt 8M50                                                                                 |
| Acceleration       | 3 m/s²                                                                                    |
| Speed              | 3 m/s                                                                                     |

| Suitable Stäubli Robots |
|-------------------------|
| TX2-40                  |
| TX2-60                  |
| TX2-60L                 |

| STÖBER Motor & Drive |
|----------------------|
| Motor: EZ401U/6000   |
| Drive: SB6A16RNO     |

FT25-BS



| Robottrack FT25-BS |                                                                                           |
|--------------------|-------------------------------------------------------------------------------------------|
| Mounting Position  |  FLOOR |
| Mass axis          | 95 kg/m                                                                                   |
| Guiding railsize   | 25                                                                                        |
| Driving System     | Ballscrew Ø25                                                                             |
| Acceleration       | 3 m/s²                                                                                    |
| Speed              | 1 m/s                                                                                     |

| Suitable Stäubli Robots |
|-------------------------|
| TX2-40                  |
| TX2-60                  |
| TX2-60L                 |

| STÖBER Motor & Drive |
|----------------------|
| Motor: EZ401U/6000   |
| Drive: SB6A16RNO     |

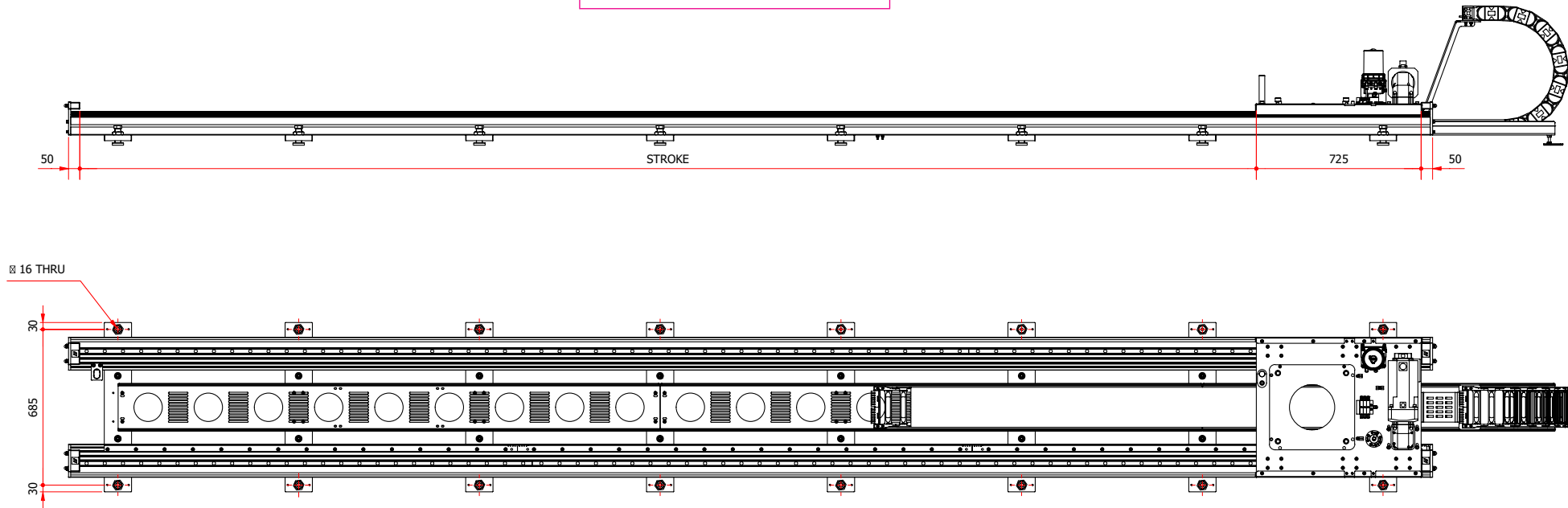
FT30-AL

| Suitable Stäubli Robots |
|-------------------------|
| TX2-140                 |
| TX2-160                 |
| TX2-160L                |

| STÖBER Motor & Drive |
|----------------------|
| Motor: EZ401U/6000   |
| Drive: SB6A16RNO     |
| Motor: EZ502U/6000   |
| Drive: SB6A16RNO     |

| Suitable Stäubli Robots |
|-------------------------|
| TX2-40                  |
| TX2-60                  |
| TX2-60L                 |
| TX2-90                  |
| TX2-90L                 |
| TX2-90XL                |

| Robottrack FT30-AL |                                                                                           |
|--------------------|-------------------------------------------------------------------------------------------|
| Mounting Position  |  FLOOR |
| Mass axis          | 75 kg/m                                                                                   |
| Guiding railsize   | 30                                                                                        |
| Rack               | M3                                                                                        |
| Acceleration       | 2,5 m/s²                                                                                  |
| Speed              | 2,5 m/s                                                                                   |

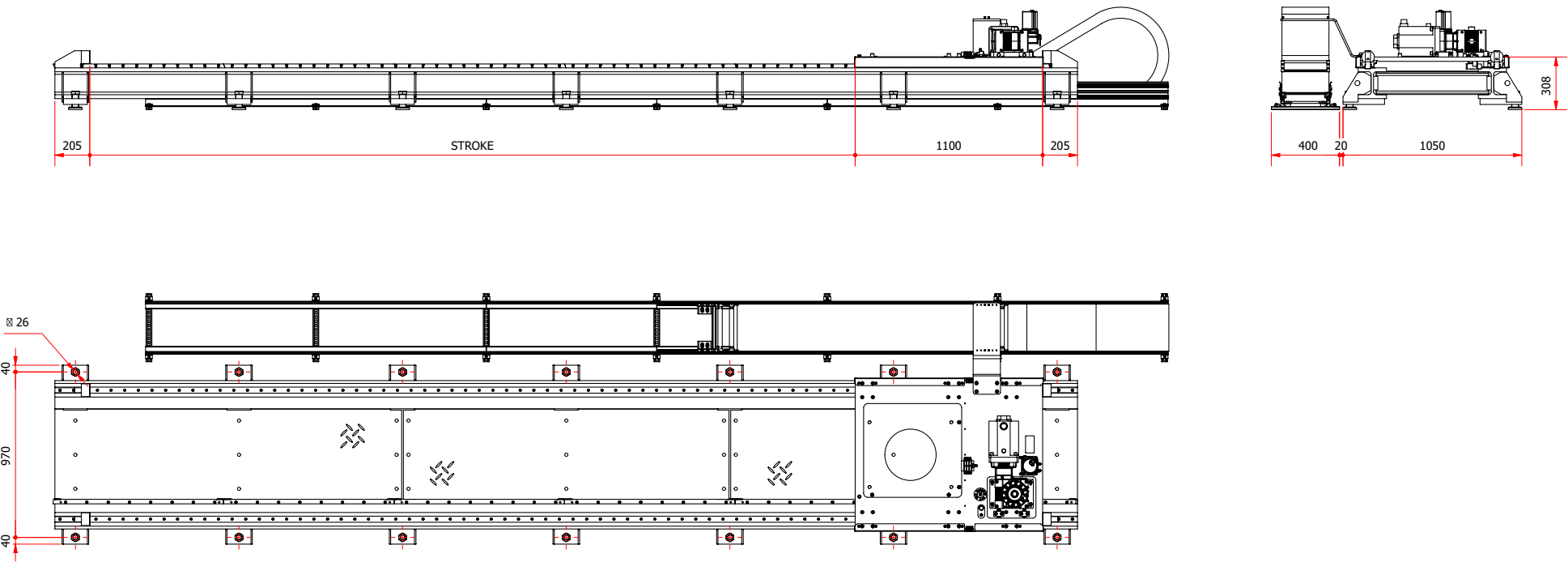


FT35-AT

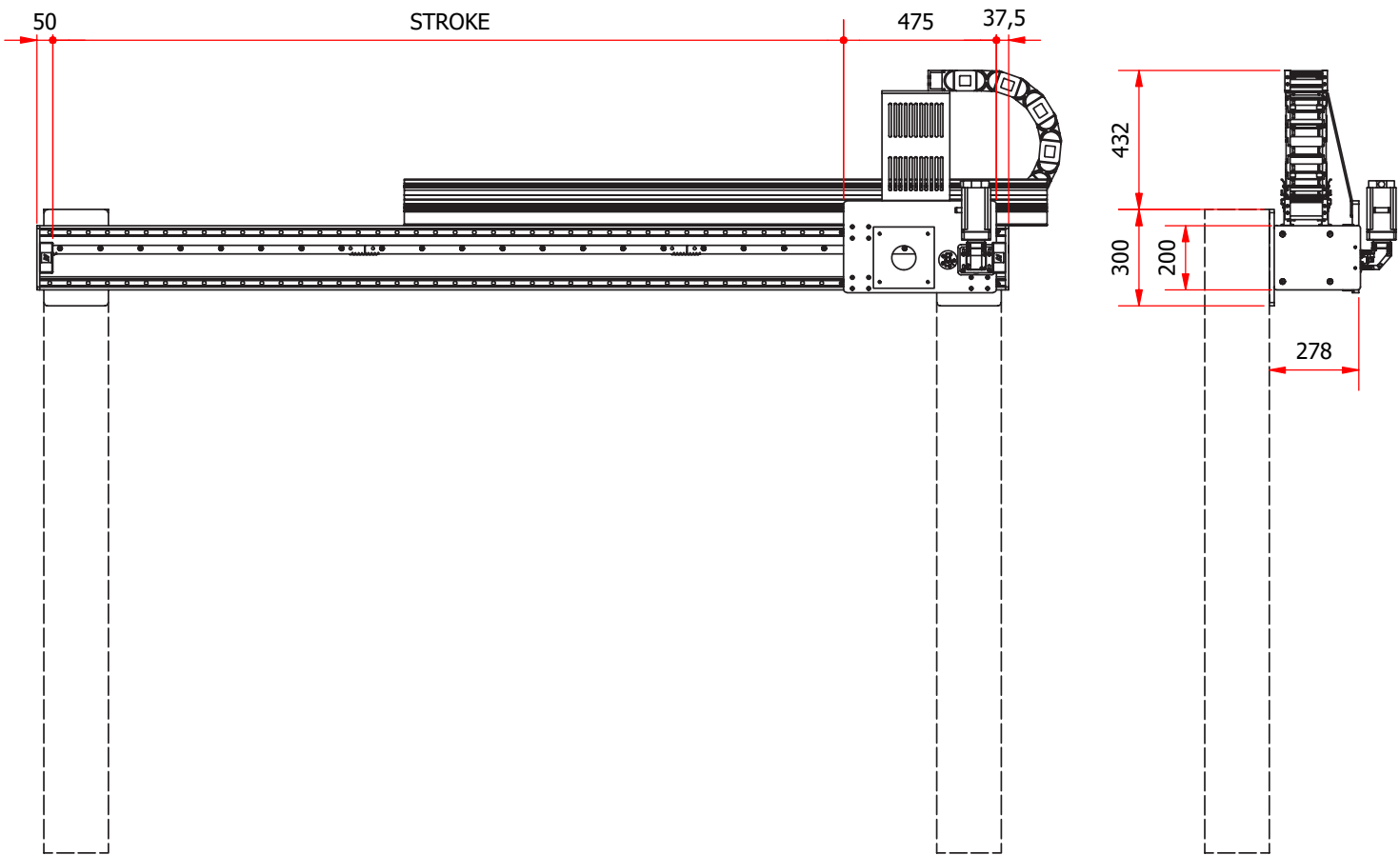
| Robottrack FT35-AT |                                                                                           |
|--------------------|-------------------------------------------------------------------------------------------|
| Mounting Position  |  FLOOR |
| Mass axis          | 230 kg/m                                                                                  |
| Guiding railsize   | 35                                                                                        |
| Rack               | M3                                                                                        |
| Acceleration       | 2,5 m/s²                                                                                  |
| Speed              | 2,5 m/s                                                                                   |

| Suitable Stäubli Robots |
|-------------------------|
| TX2-90                  |
| TX2-90L                 |
| TX2-90XL                |
| TX2-140                 |
| TX2-160                 |
| TX2-160L                |

| STÖBER Motor & Drive |
|----------------------|
| Motor: EZ502U/6000   |
| Drive: SB6A16RNO     |



AT25-W

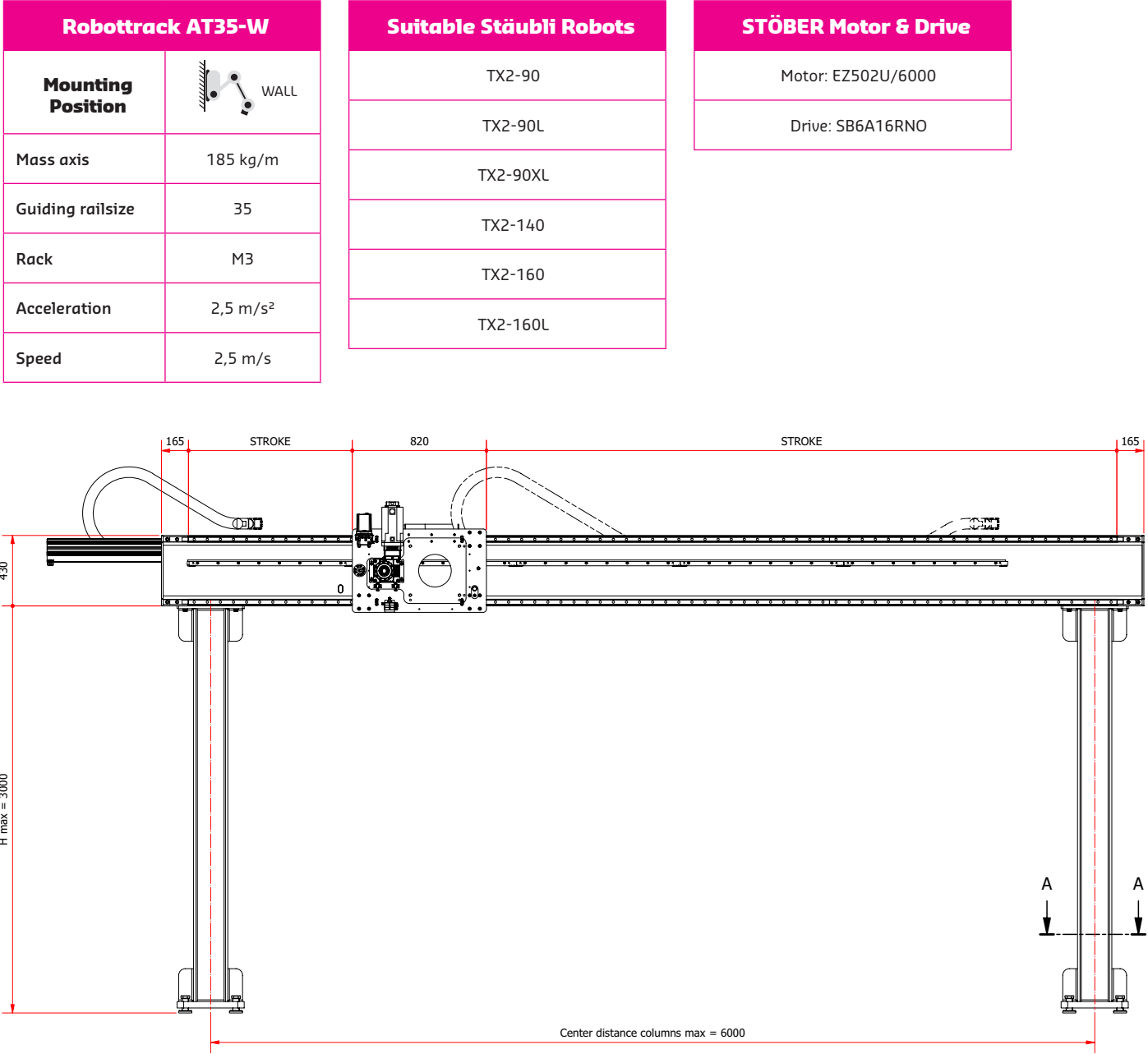


| Robottrack AT25-W |                                                                                          |
|-------------------|------------------------------------------------------------------------------------------|
| Mounting Position |  WALL |
| Mass axis         | 60 kg/m                                                                                  |
| Guiding railsize  | 25                                                                                       |
| Rack              | M3                                                                                       |
| Acceleration      | 2,5 m/s²                                                                                 |
| Speed             | 2,5 m/s                                                                                  |

| Suitable Stäubli Robots |  |
|-------------------------|--|
| TX2-40                  |  |
| TX2-60                  |  |
| TX2-60L                 |  |

| STÖBER Motor & Drive |  |
|----------------------|--|
| Motor: EZ401U/6000   |  |
| Drive: SB6A16RNO     |  |

AT35-W

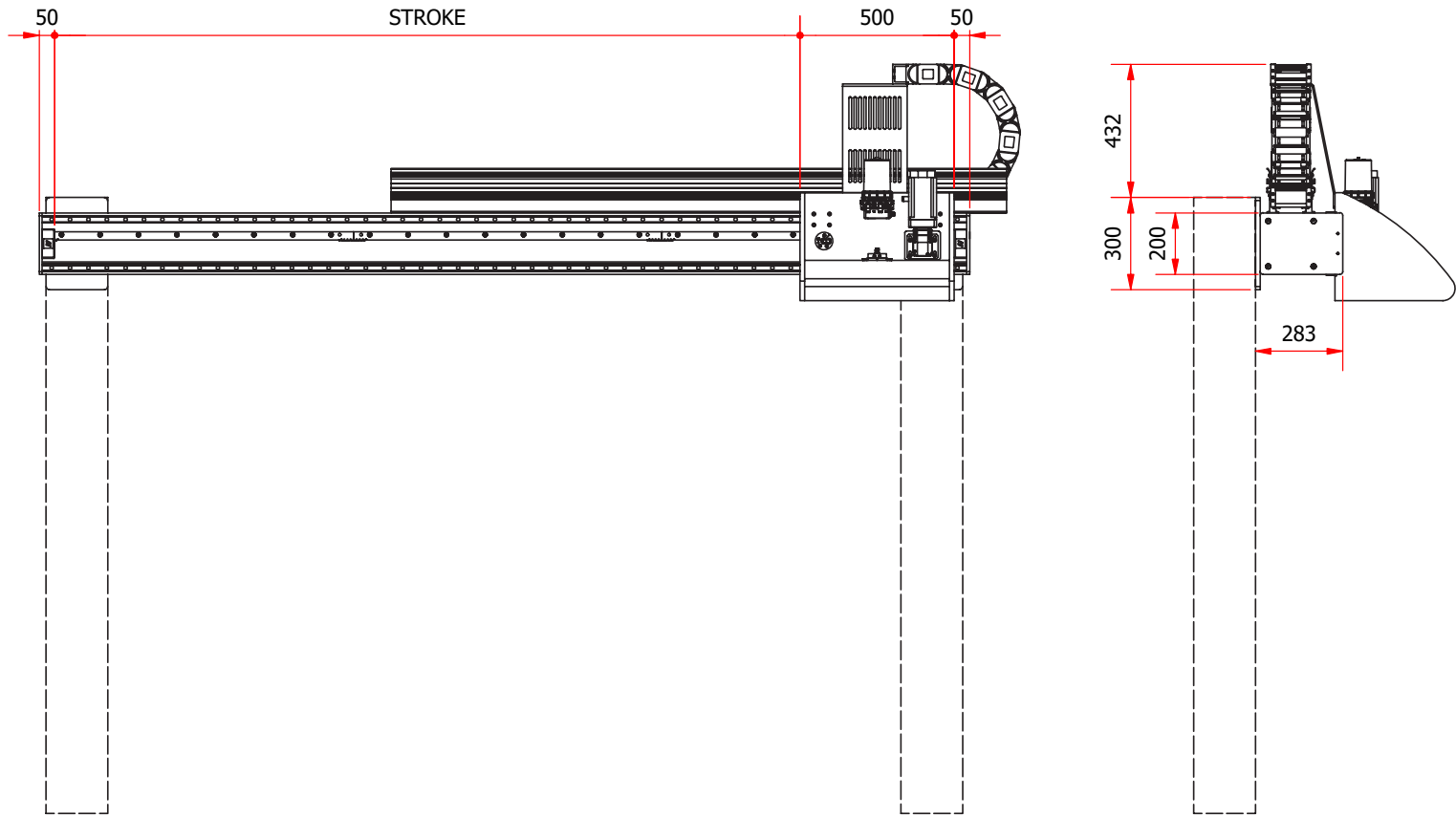


| Robottrack AT35-W |                                                                                          |
|-------------------|------------------------------------------------------------------------------------------|
| Mounting Position |  WALL |
| Mass axis         | 185 kg/m                                                                                 |
| Guiding railsize  | 35                                                                                       |
| Rack              | M3                                                                                       |
| Acceleration      | 2,5 m/s²                                                                                 |
| Speed             | 2,5 m/s                                                                                  |

| Suitable Stäubli Robots |  |
|-------------------------|--|
| TX2-90                  |  |
| TX2-90L                 |  |
| TX2-90XL                |  |
| TX2-140                 |  |
| TX2-160                 |  |
| TX2-160L                |  |

| STÖBER Motor & Drive |  |
|----------------------|--|
| Motor: EZ502U/6000   |  |
| Drive: SB6A16RNO     |  |

AT25-C



| Robottrack AT25-C |                                                                                             |
|-------------------|---------------------------------------------------------------------------------------------|
| Mounting Position |  CEILING |
| Mass axis         | 60 kg/m                                                                                     |
| Guiding railsize  | 25                                                                                          |
| Rack              | M3                                                                                          |
| Acceleration      | 2,5 m/s²                                                                                    |
| Speed             | 2,5 m/s                                                                                     |

| Suitable Stäubli Robots |  |
|-------------------------|--|
| TX2-40                  |  |
| TX2-60                  |  |
| TX2-60L                 |  |

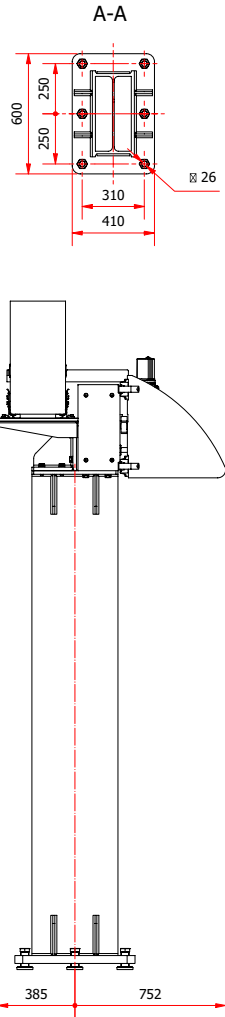
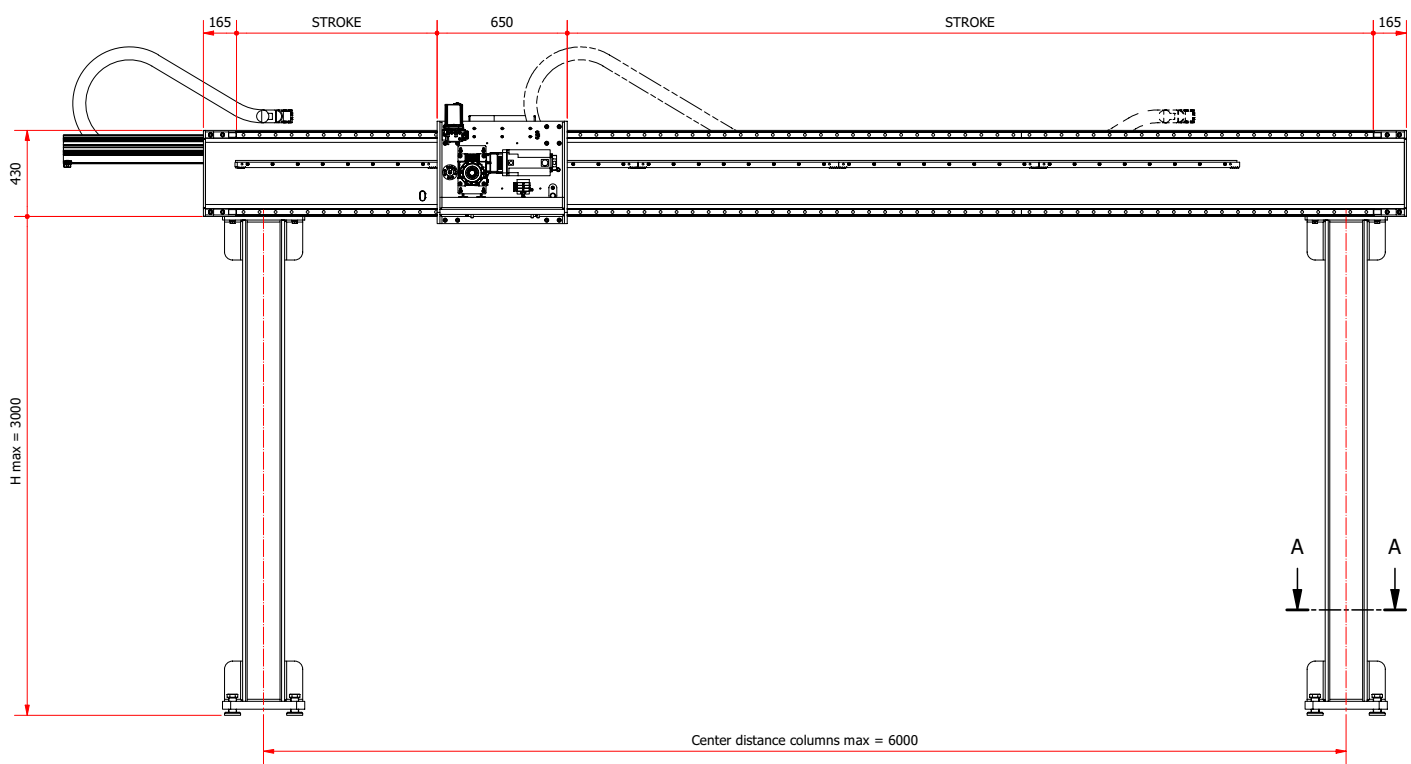
| STÖBER Motor & Drive |  |
|----------------------|--|
| Motor: EZ401U/6000   |  |
| Drive: SB6A16RNO     |  |

AT35-C

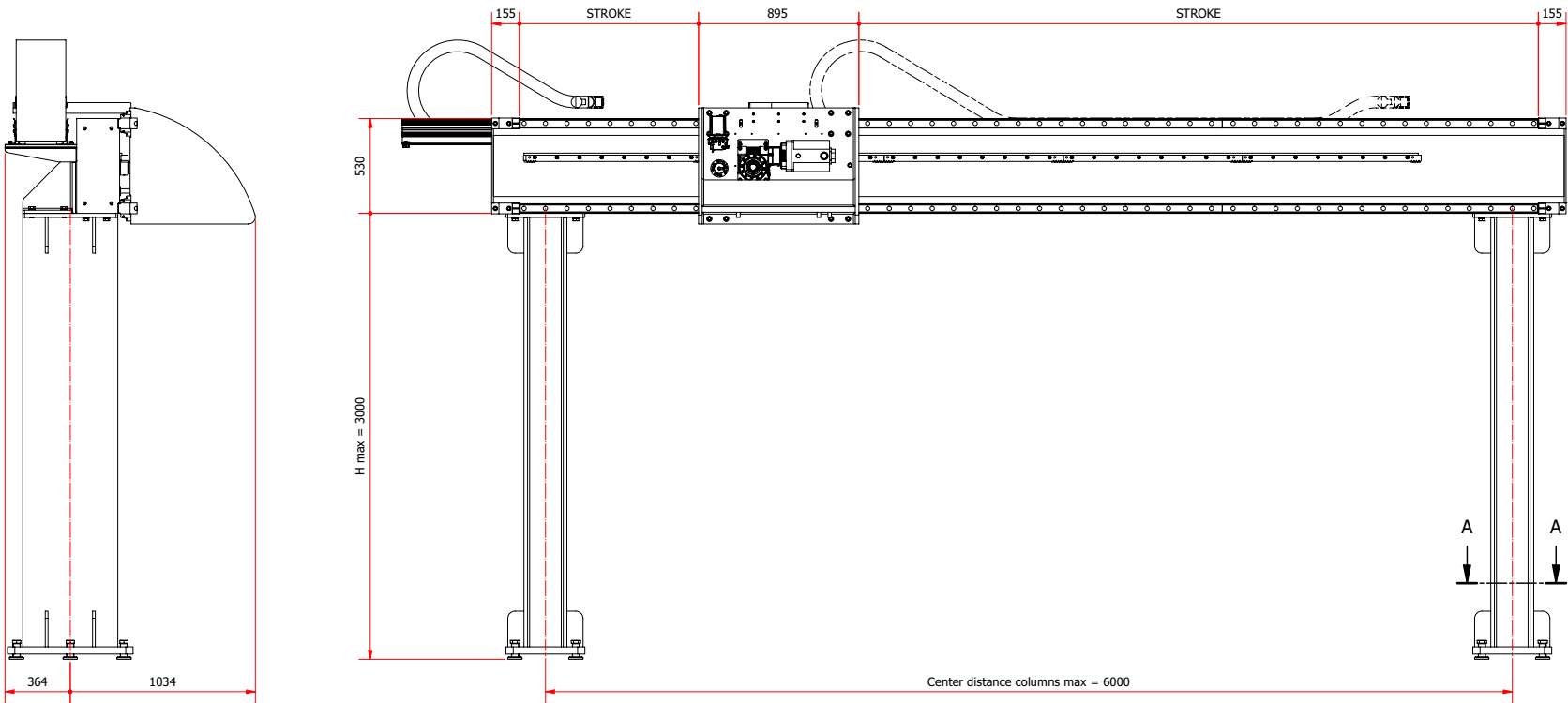
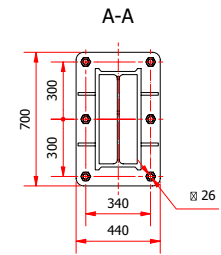
| Robottrack AT35-C |                                                                                             |
|-------------------|---------------------------------------------------------------------------------------------|
| Mounting Position |  CEILING |
| Mass axis         | 185 kg/m                                                                                    |
| Guiding railsize  | 35                                                                                          |
| Rack              | M3                                                                                          |
| Acceleration      | 2,5 m/s²                                                                                    |
| Speed             | 2,5 m/s                                                                                     |

| Suitable Stäubli Robots |  |
|-------------------------|--|
| TX2-90                  |  |
| TX2-90L                 |  |
| TX2-90XL                |  |
| TX2-140                 |  |
| TX2-160                 |  |
| TX2-160L                |  |

| STÖBER Motor & Drive |  |
|----------------------|--|
| Motor: EZ502U/6000   |  |
| Drive: SB6A16RNO     |  |



AT55-C



STÖBER Motor & Drive

Motor: EZ702U/6000

Drive: SB6A26RNO

Suitable Stäubli Robots

TX2-200

TX2-200L

Robottrack AT55-C

Mounting Position



Mass axis 290 kg/m

Guiding railsize 55

Rack M4

Acceleration 2 m/s²

Speed 2 m/s

SRMC-2000-3

Robottrack SRMC-2000-3

Mounting Position



Mass axis 190 kg/m

Guiding railsize 45

Rack M4

Acceleration 2 m/s²

Speed 2 m/s

Suitable Stäubli Robots

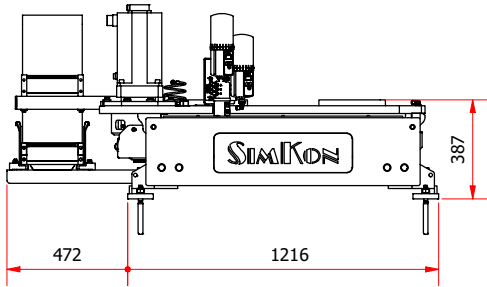
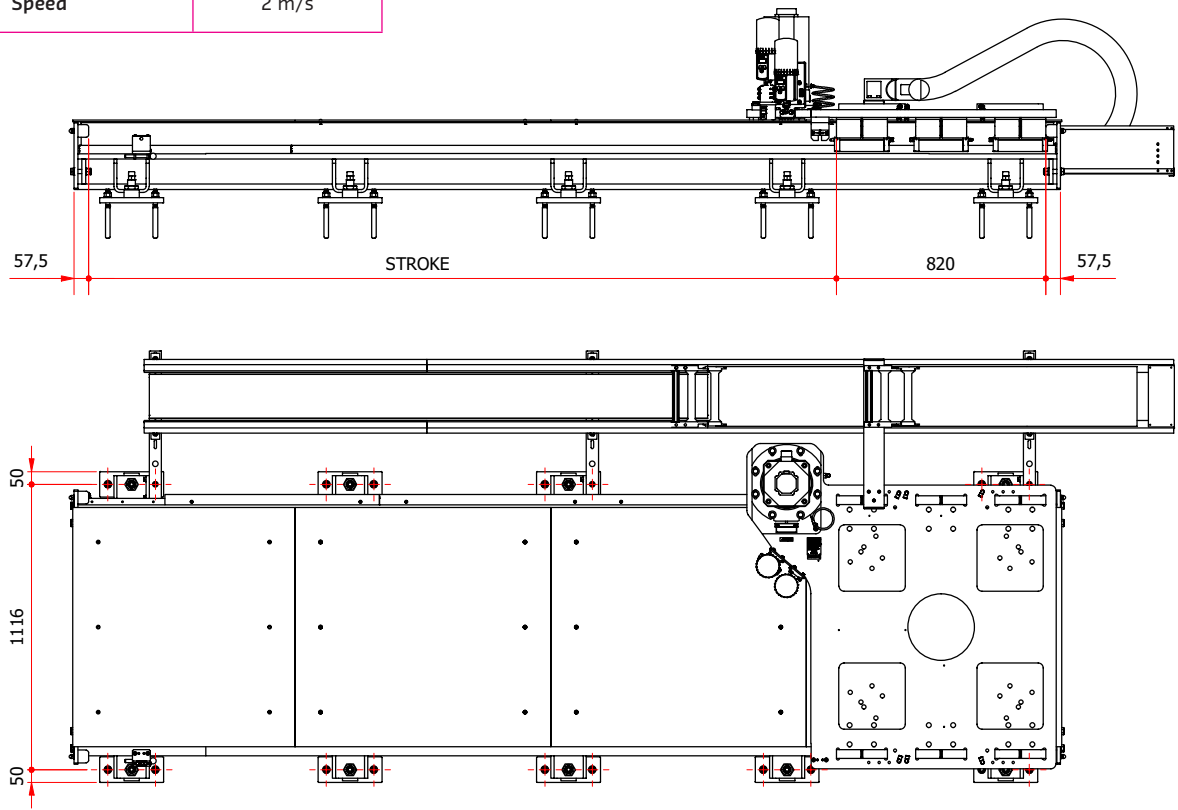
TX2-200

TX2-200L

STÖBER Motor & Drive

Motor: EZ702U/6000

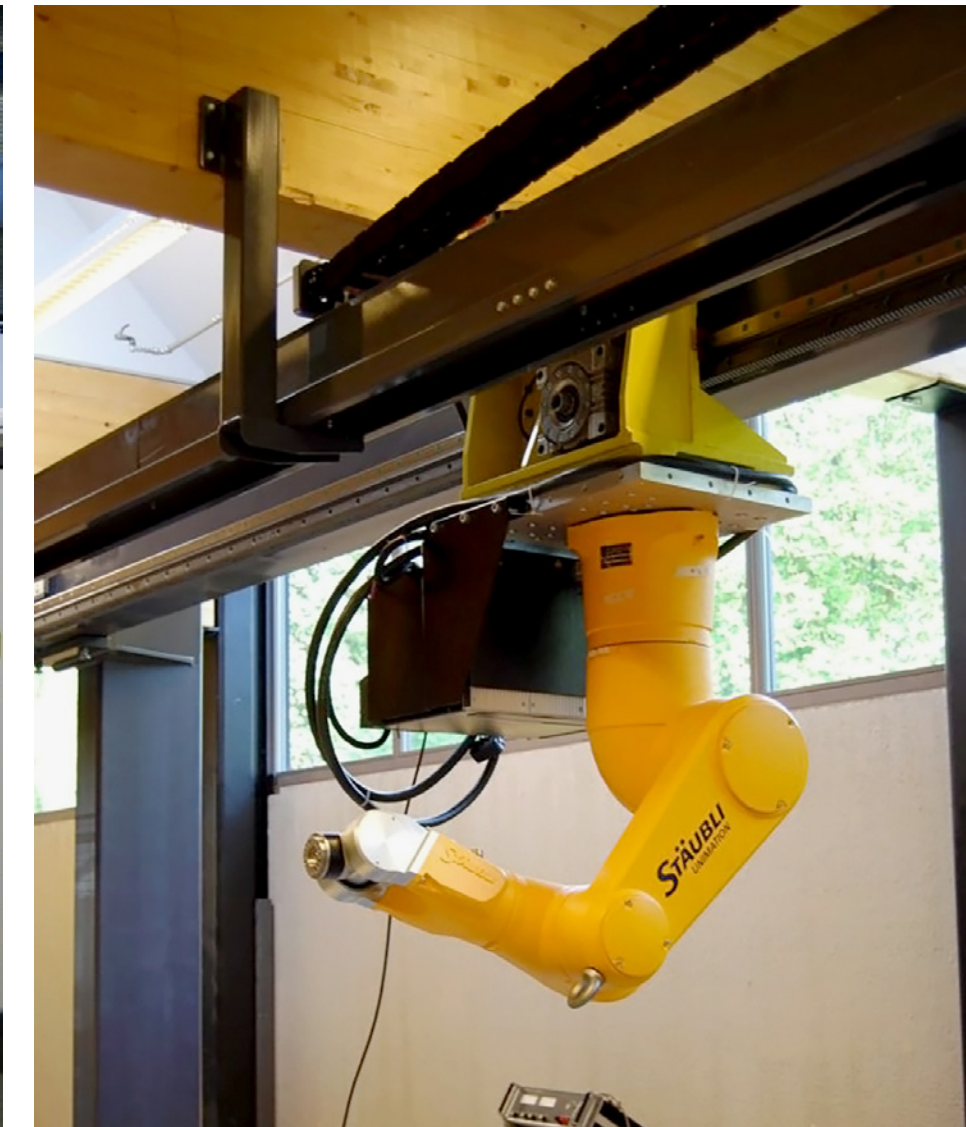
Drive: SB6A26RNO





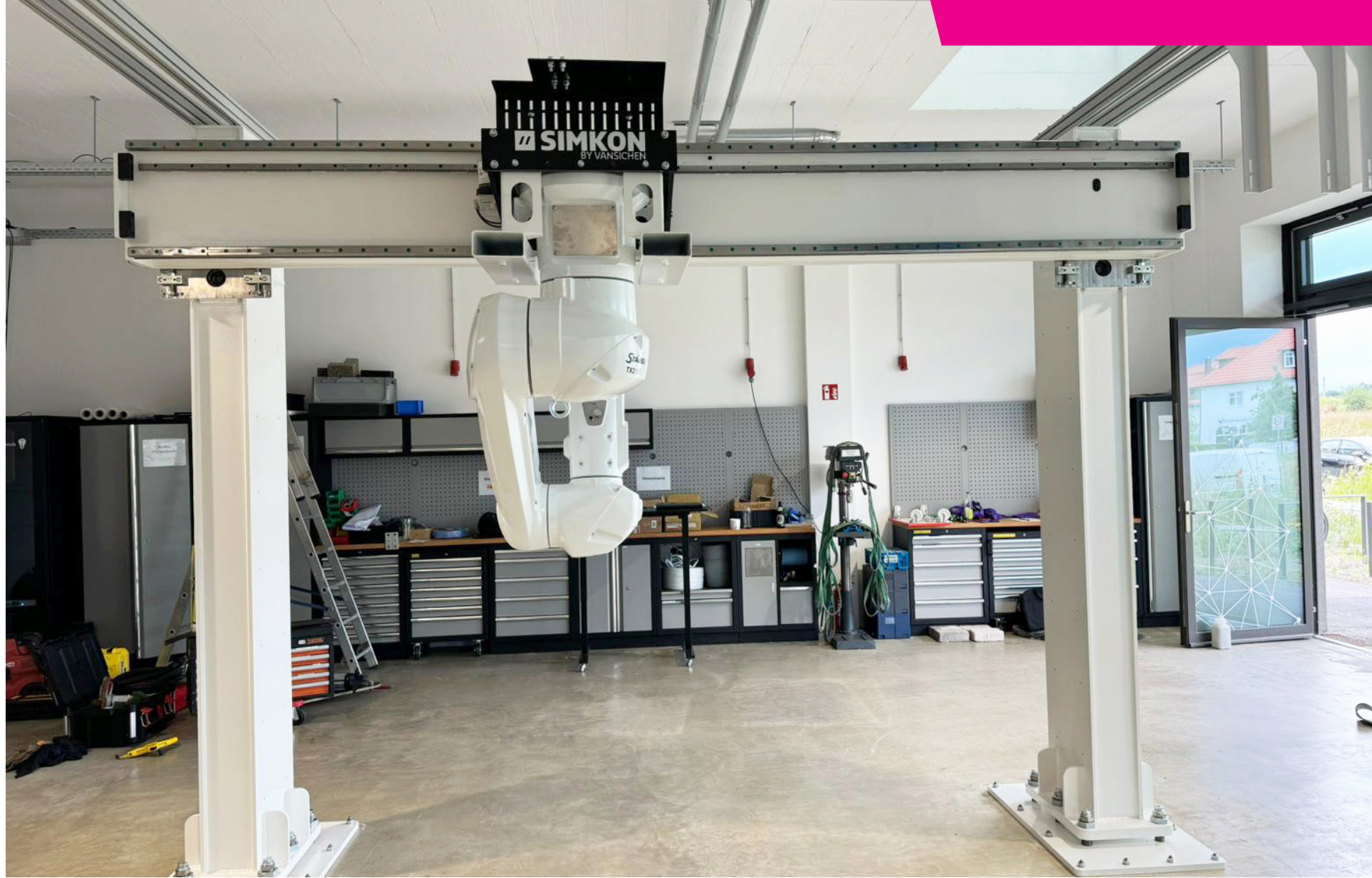
# REALISATIONS

## REALISATIONS



# REALISATIONS

# REALISATIONS





**// VANSICHEN**  
LINEAR TECHNOLOGY

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