

Track systems
for **KUKA**



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LINEAR TECHNOLOGY
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Tel. 011 37 79 63



ABOUT VANSICHEN LINEAR TECHNOLOGY

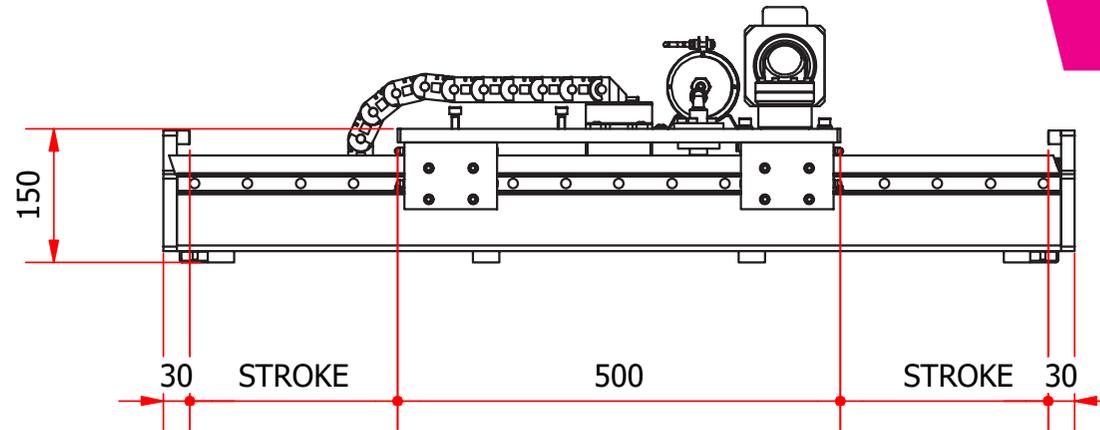
Since 1993, Vansichen Linear Technology has been a trusted partner in linear motion systems. What started with the sale of linear components has grown into a dynamic team offering fast, expert advice and complete solutions — from standard parts to fully customized projects. As a manufacturer of robot tracks, we develop and build linear units that extend the working range of industrial robots from various brands. For KUKA robots in particular, we offer tailor-made track systems designed to meet specific needs where standard KUKA tracks may not suffice. Our solutions are built with precision, durability, and seamless integration in mind — ensuring optimal performance and reliability in every application.

OVERVIEW

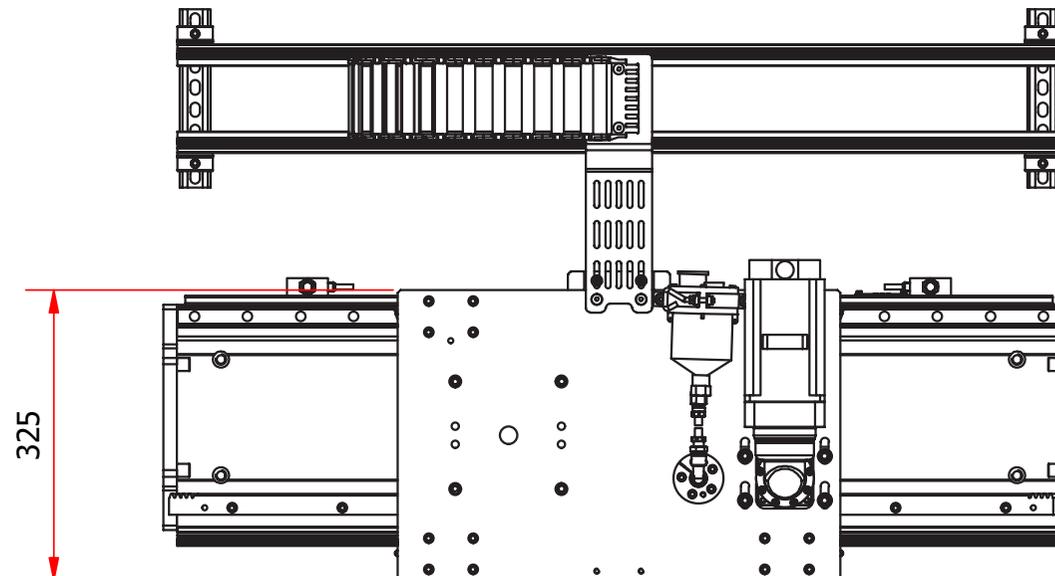
Track systems for KUKA

KUKA Robot Type	 Floor	 Wall	 Ceiling
KR 4, KR6 R700-2 - R900-2, LBR iiwa 7 R800, KR 10 R1100-2 - R900-2, LBR iiwa 14 R820	FT25 P.5	AT25-W P.8	AT25-C P.9
KR 6 R1820 - R1840, KR 10 R1420-2	FT25 P.5/ FT30-AL P.10		
KR 8 Series, KR 12 R1810-2, KR 16 Series, KR 20 R1810-2, KR 22 R1610-2	FT30-AL P.10	AT35-W P.13	AT35-C P.14
KR 120 Series (except R1800 Nano), KR 140 R3200-2 PA, KR 150 Series, KR 180 Series, KR 210 R3300-2, KR 240 Series, KR 270 R3100-2 K	FT45 P.15 / SRMC-2000-3 P.20	-	-
KR 210 R3100-2, KR 240 R2900-2, KR 250 R2700-2, KR 300 R2700-2	FT45 P.15 / SRMC-2000-3 P.20	-	On request
KR 280 R3080, KR 300-2 PA, KR 340 R3330, KR 420 Series, KR 470-2 PA, KR 480 Series, KR 510 R3080, KR 600 R2830, KR 640 R2800-2, KR 700 PA, KR 800 R2800-2	FT55 P.16 / SRMC-4000-LC P.21	-	-
KR 360 R2830, KR 500 R2830	FT55 P.16 / SRMC-4000-LC P.21	-	On request
KR 20 R3100-2, KR 30 R2100, KR 50 R2100, KR 70 R2100	FT30-AL P.10 / FT35 P.11 / FT35-CO P.12	AT55-W P.18	AT55-C P.19
KR 120 R1800 Nano, KR 160 R1570 Nano	FT35 P.11 / FT35-CO P.12	-	AT55-C P.19
KR 40 PA	FT35 P.11 / FT35-CO P.12	-	-
KR 1000 Titan series	FT55T P.17 / SRMC-6000-3 P.22	-	-

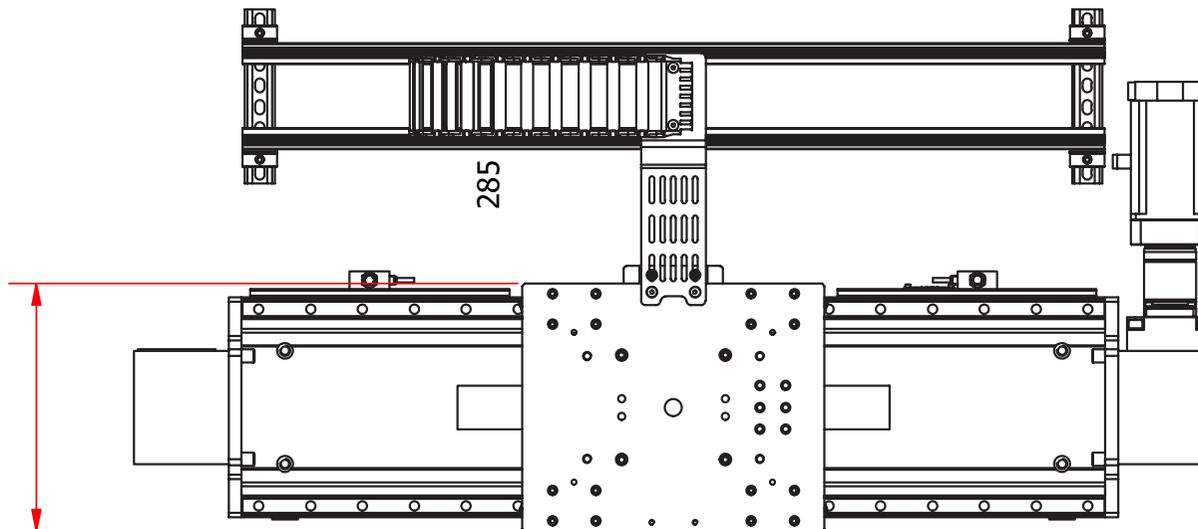
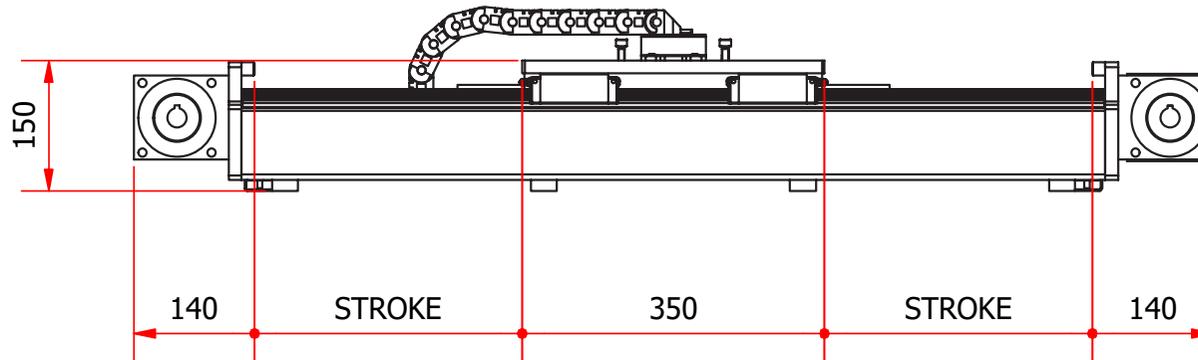
Robotrack FT25	
Mounting Position	 FLOOR
Mass axis	90 kg/m
Guiding railsize	25
Driving System	Rack M3
Acceleration	3 m/s ²
Speed	3 m/s



Suitable KUKA Robots
KR 4
KR 6 R700-2 - R900-2
LBR iiwa 7 R800
KR 10 R1100-2 - R900-2
LBR iiwa 14 R820
KR 6 R1820
KR 6 R1840
KR 10 R1420-2



FT25-BD



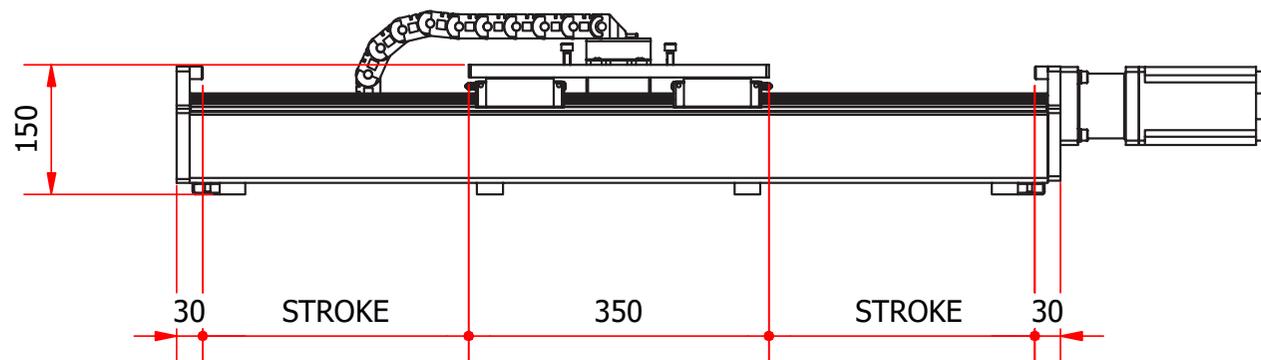
Robotrack FT25-BD

Mounting Position	 FLOOR
Mass axis	75 kg/m
Guiding railsize	25
Driving System	Belt 8M50
Acceleration	3 m/s ²
Speed	3 m/s

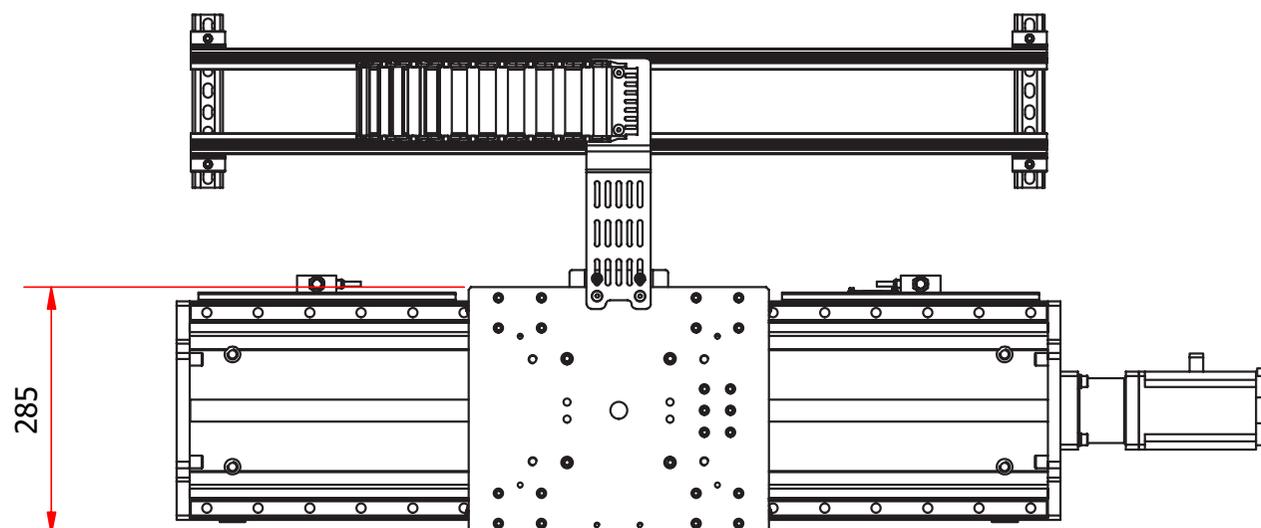
Suitable KUKA Robots

KR 4
KR 6 R700-2 - R900-2
LBR iiwa 7 R800
KR 10 R1100-2 - R900-2
LBR iiwa 14 R820
KR 6 R1820
KR 6 R1840
KR 10 R1420-2

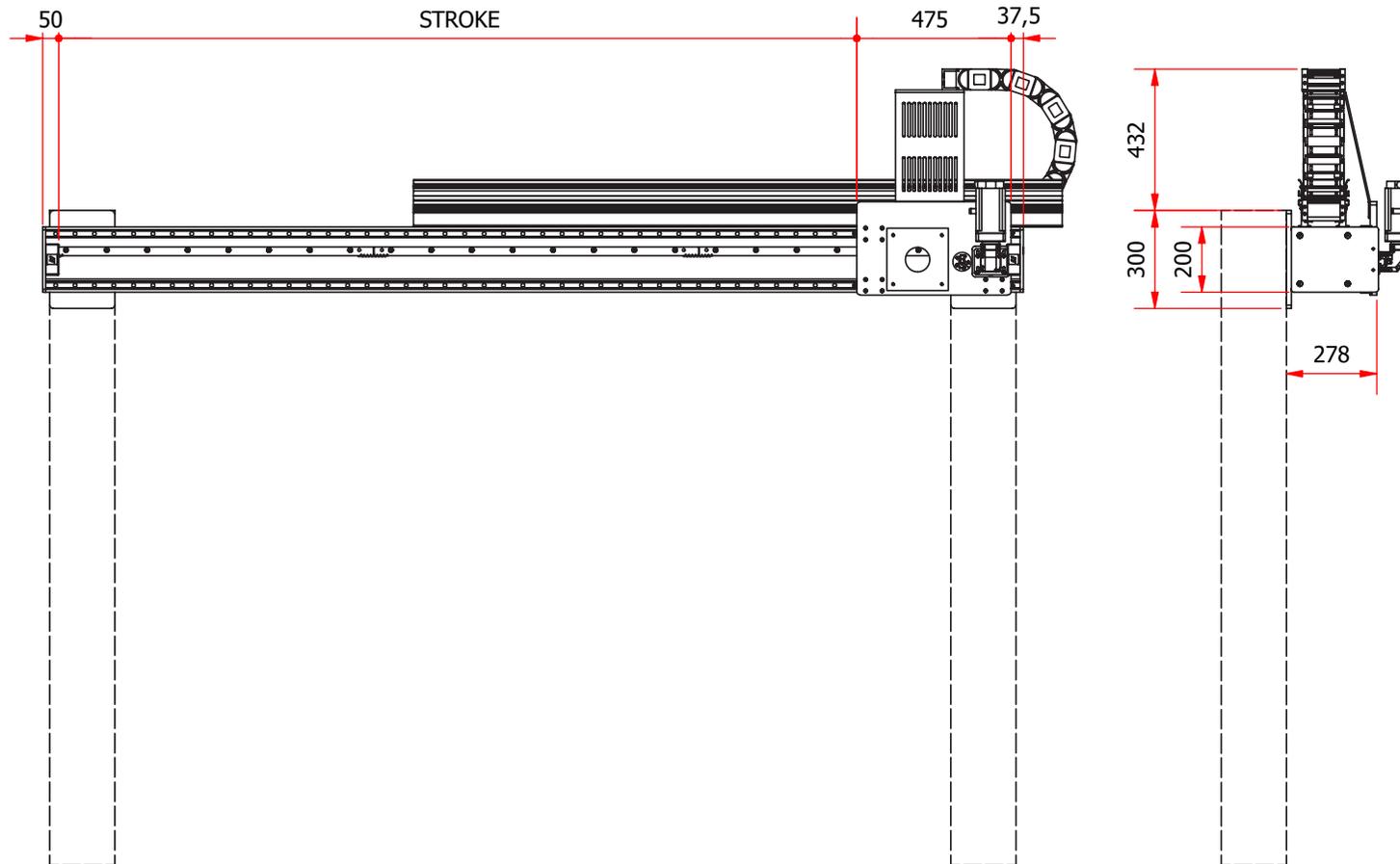
Robotrack FT25-BS	
Mounting Position	 FLOOR
Mass axis	95 kg/m
Guiding railsize	25
Driving System	BallScrew Ø25
Acceleration	3 m/s ²
Speed	1 m/s



Suitable KUKA Robots
KR 4
KR 6 R700-2 - R900-2
LBR iiwa 7 R800
KR 10 R1100-2 - R900-2
LBR iiwa 14 R820
KR 6 R1820
KR 6 R1840
KR 10 R1420-2



AT25-W



Robotrack AT25-W

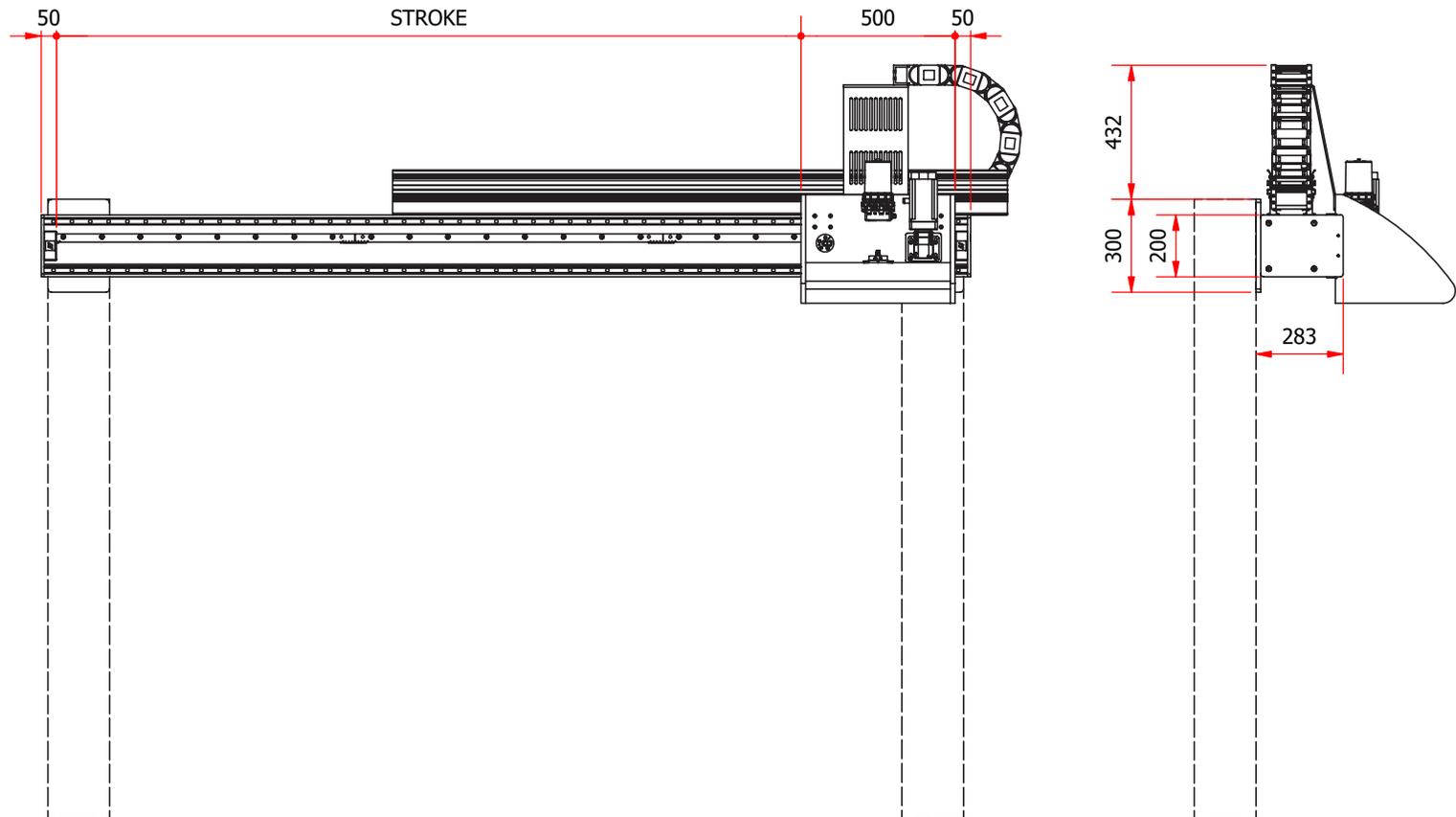
Mounting Position	 WALL
Mass axis	60 kg/m
Guiding railsize	25
Rack	M3
Acceleration	2,5 m/s ²
Speed	2,5 m/s

Suitable KUKA Robots

KR 4
KR 6 R700-2 - R900-2
LBR iiwa 7 R800
KR 10 R1100-2 - R900-2
LBR iiwa 14 R820

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

Suitable KUKA Robots
KR 4
KR 6 R700-2 - R900-2
LBR iiwa 7 R800
KR 10 R1100-2 - R900-2
LBR iiwa 14 R820



FT30-AL

Suitable KUKA Robots

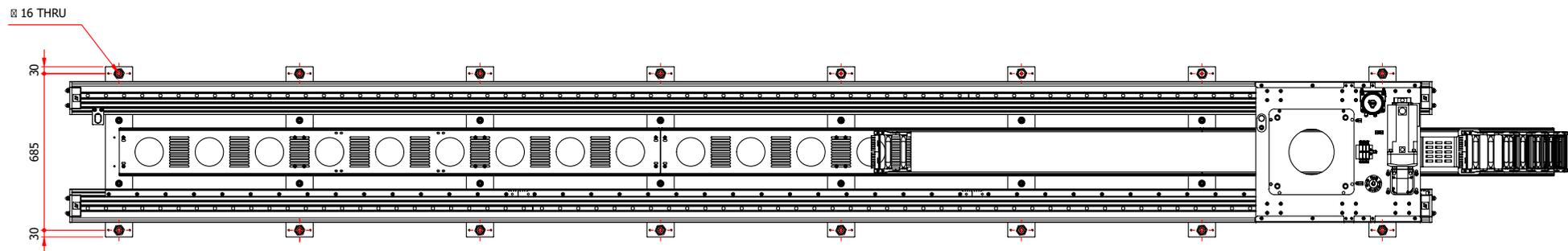
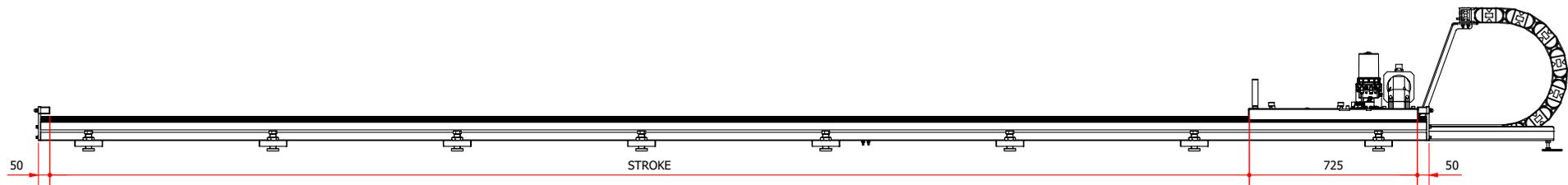
KR 22 R1610-2
KR 20 R3100-2
KR 30 R2100
KR 50 R2100
KR 70 R2100

Suitable KUKA Robots

KR 6 R1820 - R1840
KR 10 R1420-2
KR 8 Series
KR 12 R1810-2
KR 16 Series
KR 20 R1810-2

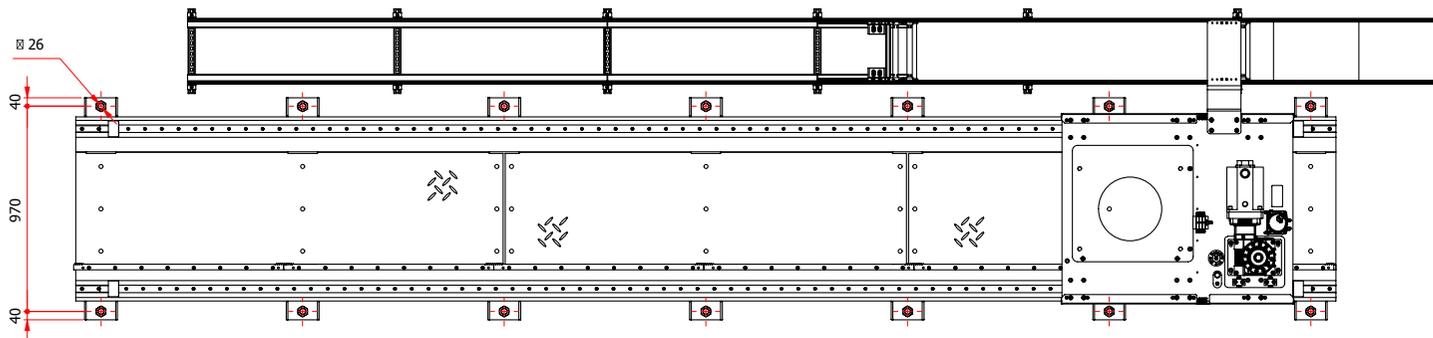
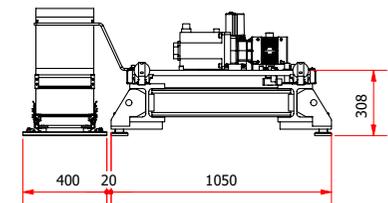
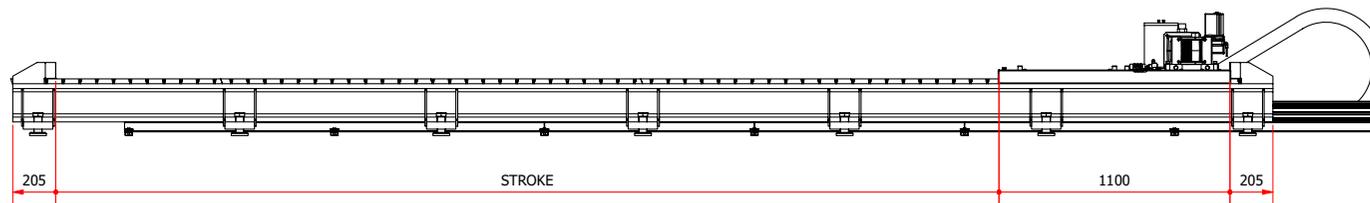
Robotrack FT30-AL

Mounting Position	 FLOOR
Mass axis	75 kg/m
Guiding railsize	30
Rack	M3
Acceleration	2,5 m/s ²
Speed	2,5 m/s



Robotrack FT35	
Mounting Position	 FLOOR
Mass axis	230 kg/m
Guiding railsize	35
Rack	M3
Acceleration	2,5 m/s ²
Speed	2,5 m/s

Suitable KUKA Robots
KR 20 R3100-2
KR 30 R2100
KR 50 R2100
KR 70 R2100
KR 120 R1800 Nano
KR 160 R1570 Nano
KR 40 PA



FT35-C0

Suitable KUKA Robots

KR 20 R3100-2

KR 30 R2100

KR 50 R2100

KR 70 R2100

KR 120 R1800 Nano

KR 160 R1570 Nano

KR 40 PA

Robotrack FT35-C0

**Mounting
Position**



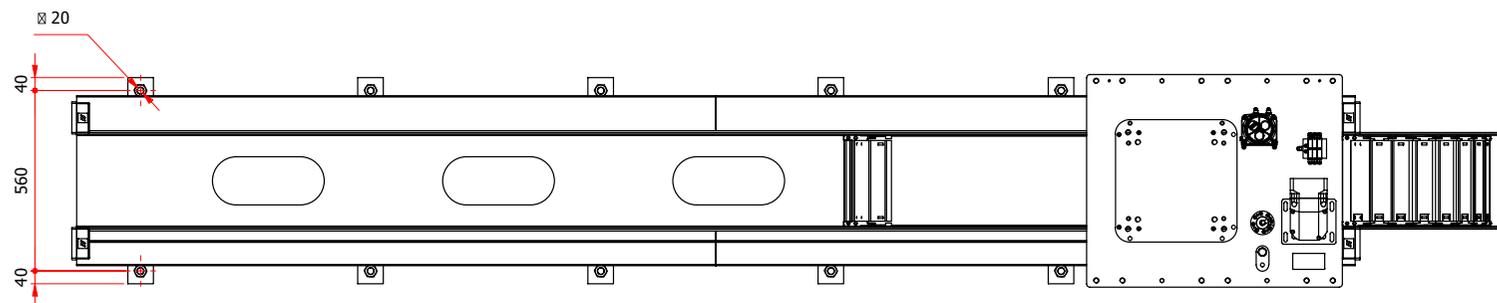
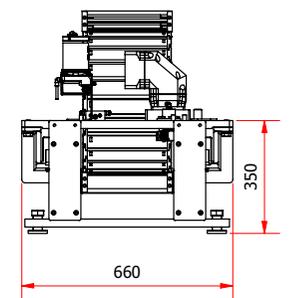
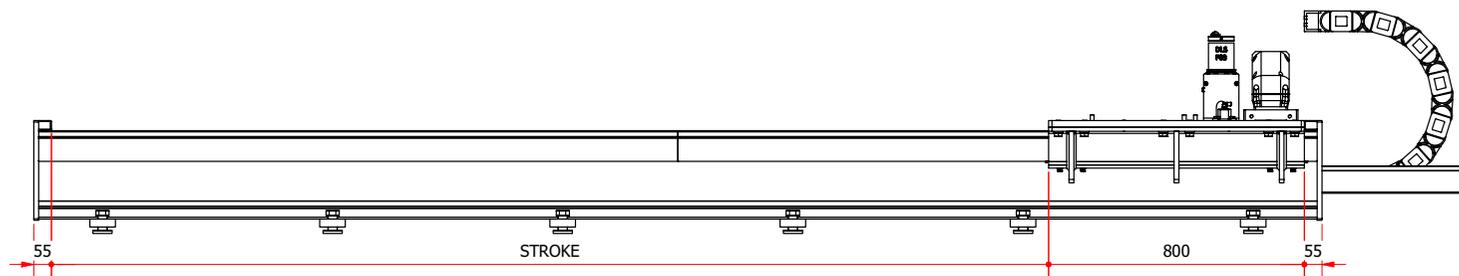
Mass axis 215 kg/m

Guiding railsize 35

Rack M3

Acceleration 2,5 m/s²

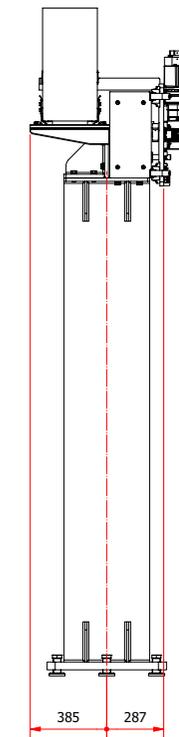
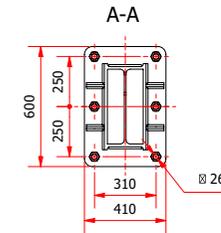
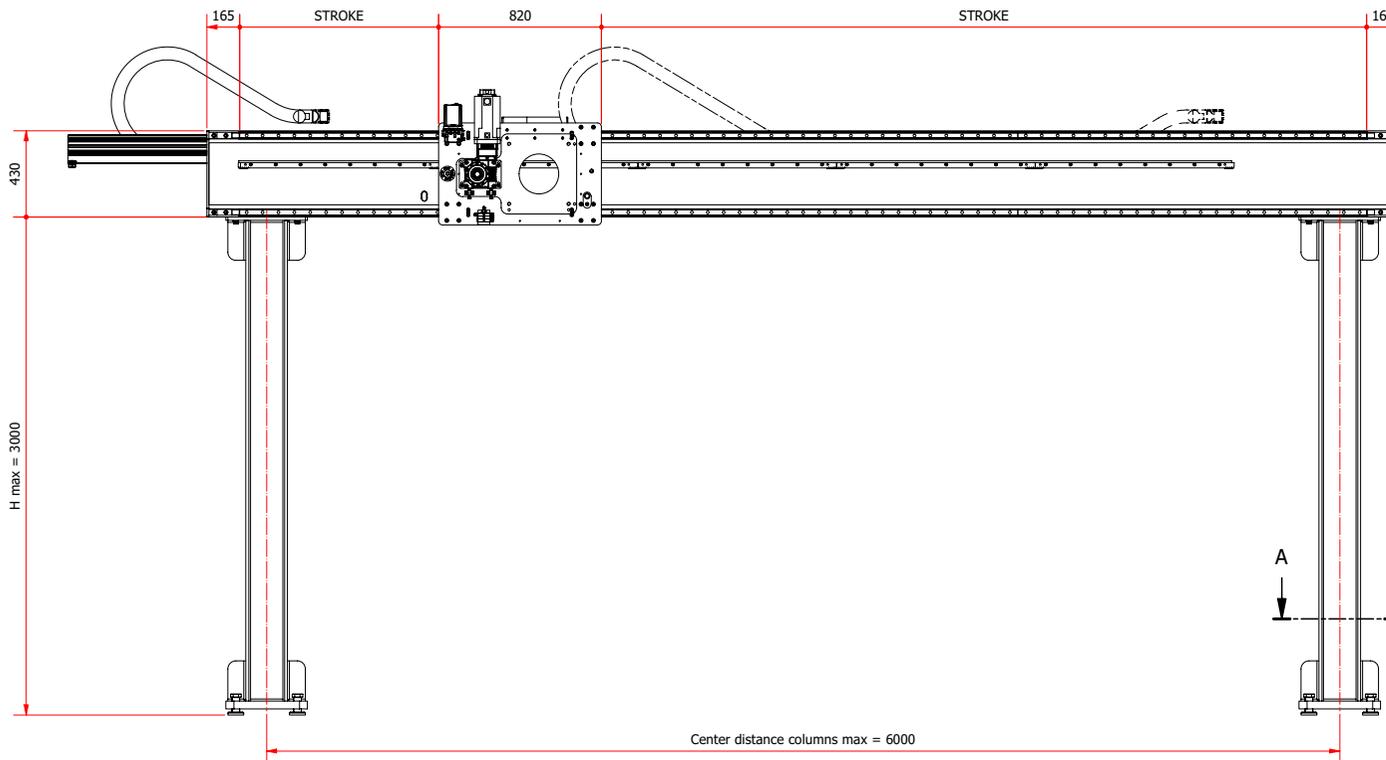
Speed 2,5 m/s



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

Suitable KUKA Robots
KR 6 R1820 - R1840
KR 10 R1420-2
KR 8 Series
KR 12 R1810-2

Suitable KUKA Robots
KR 16 Series
KR 20 R1810-2
KR 22 R1610-2

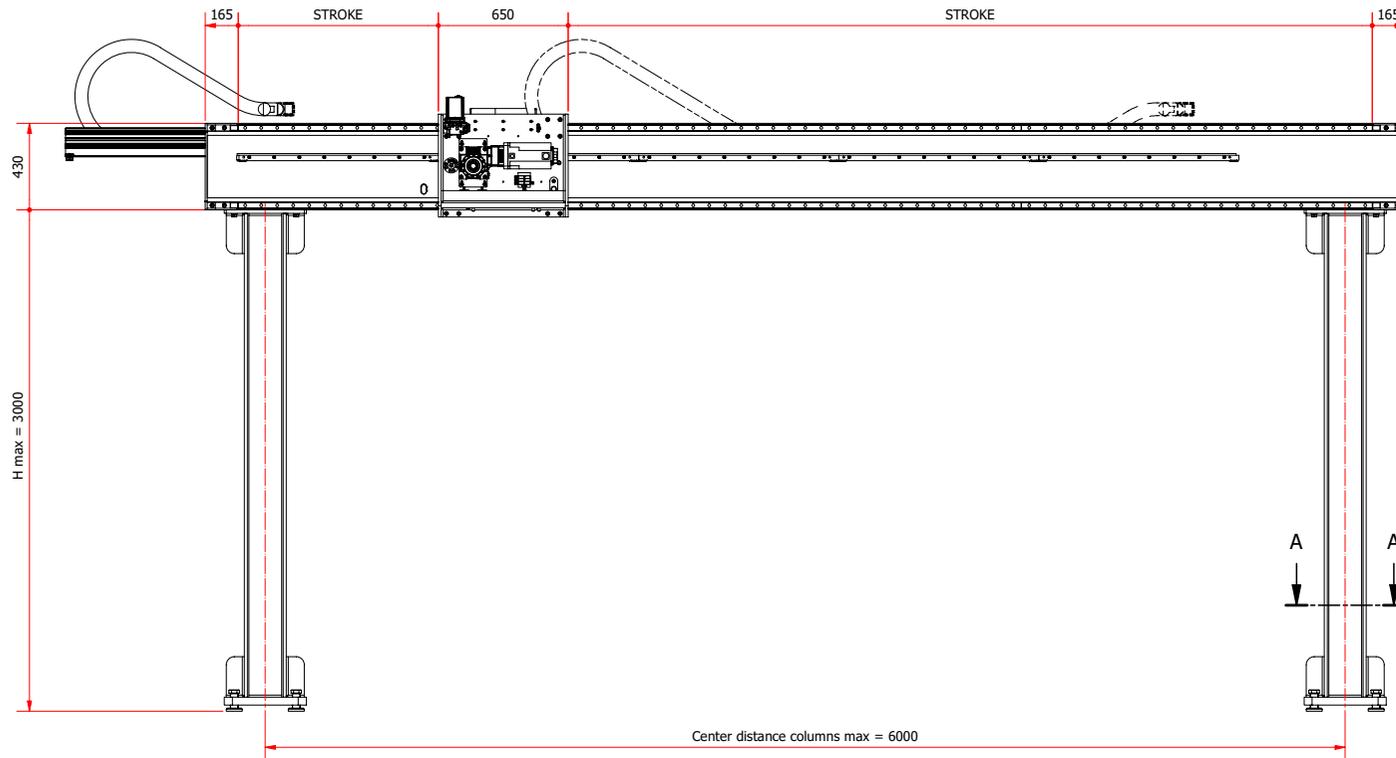
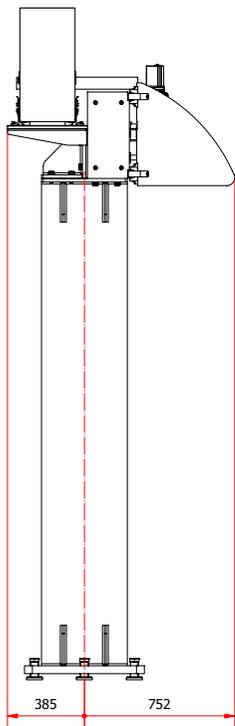
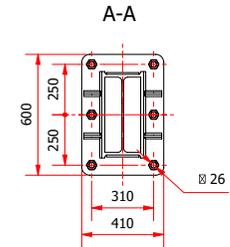


AT35-C

Suitable KUKA Robots
KR 16 Series
KR 20 R1810-2
KR 22 R1610-2

Suitable KUKA Robots
KR 6 R1820 - R1840
KR 10 R1420-2
KR 8 Series
KR 12 R1810-2

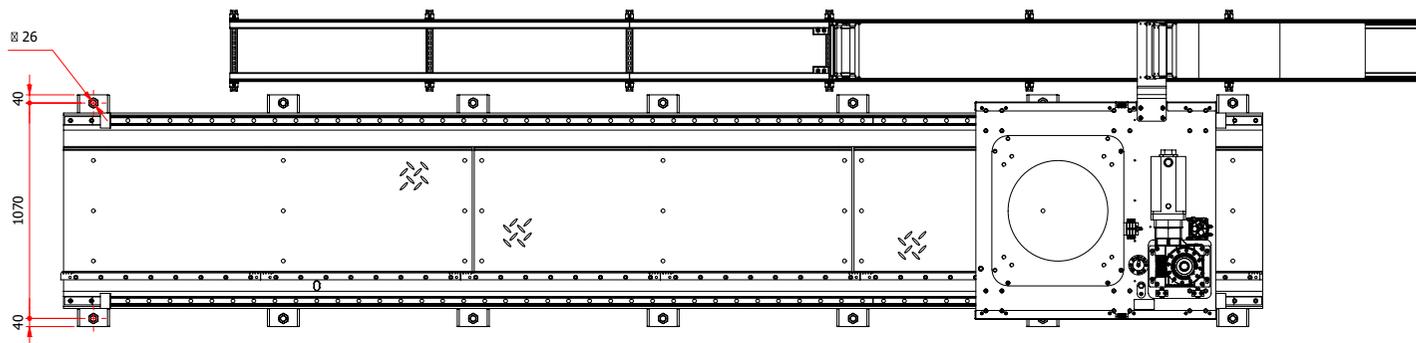
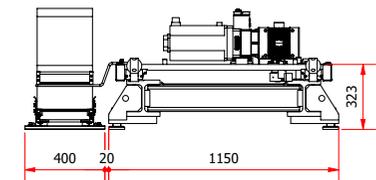
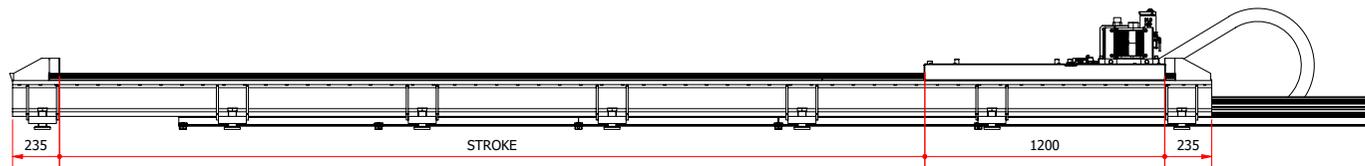
Robottrack AT35-C	
Mounting Position	 CEILING
Mass axis	185 kg/m
Guiding railsize	35
Rack	M3
Acceleration	2,5 m/s ²
Speed	2,5 m/s



Robotrack FT45	
Mounting Position	 FLOOR
Mass axis	260 kg/m
Guiding railsize	45
Rack	M4
Acceleration	2 m/s ²
Speed	2 m/s

Suitable KUKA Robots
KR 120 Series (except R1800 Nano)
KR 140 R3200-2 PA
KR 150 Series
KR 180 Series
KR 210 R3300-2
KR 240 Series

Suitable KUKA Robots
KR 270 R3100-2 K
KR 210 R3100-2
KR 240 R2900-2
KR 250 R2700-2
KR 300 R2700-2



FT55

Suitable KUKA Robots

KR 510 R3080

KR 600 R2830

KR 640 R2800-2

KR 700 PA

KR 800 R2800-2

Suitable KUKA Robots

KR 280 R3080

KR 300-2 PA

KR 340 R3330

KR 420 Series

KR 470-2 PA

KR 480 Series

Robotrack FT55

**Mounting
Position**



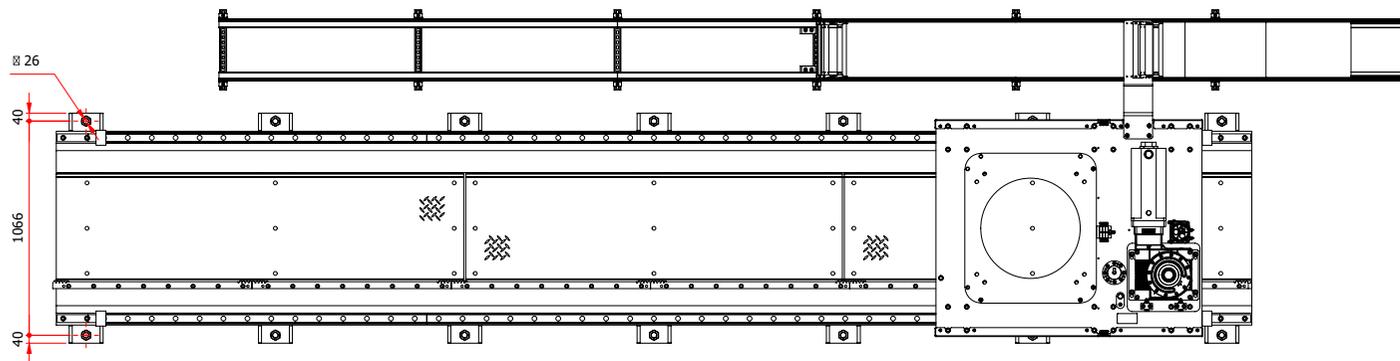
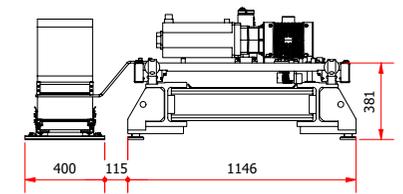
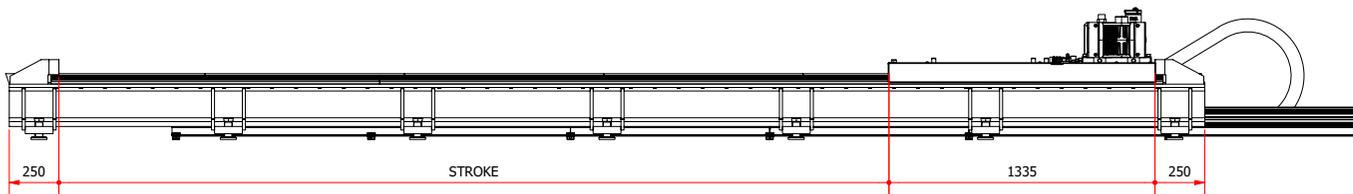
Mass axis 320 kg/m

Guiding railsize 55

Rack M5

Acceleration 2 m/s²

Speed 2 m/s

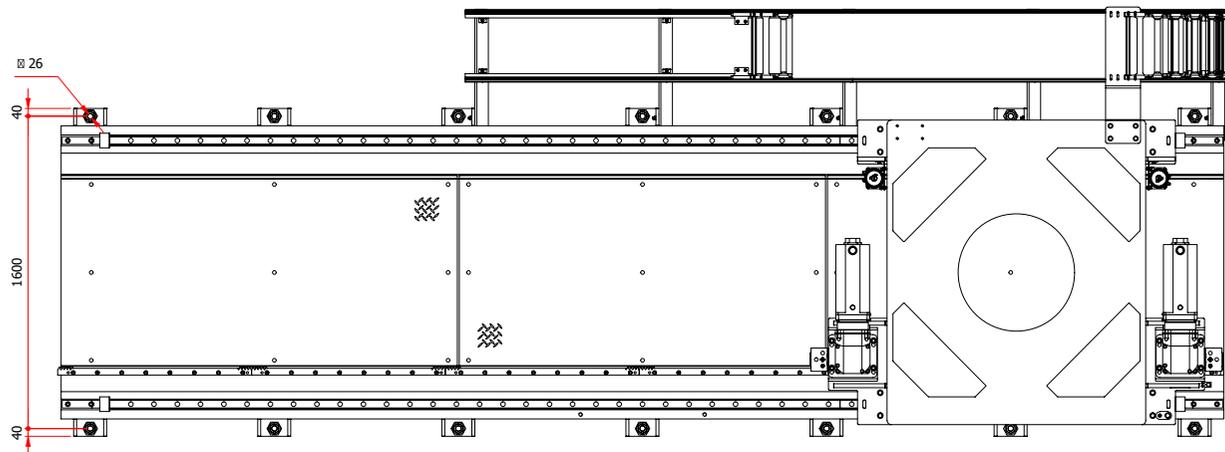
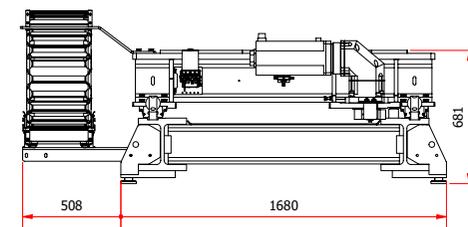
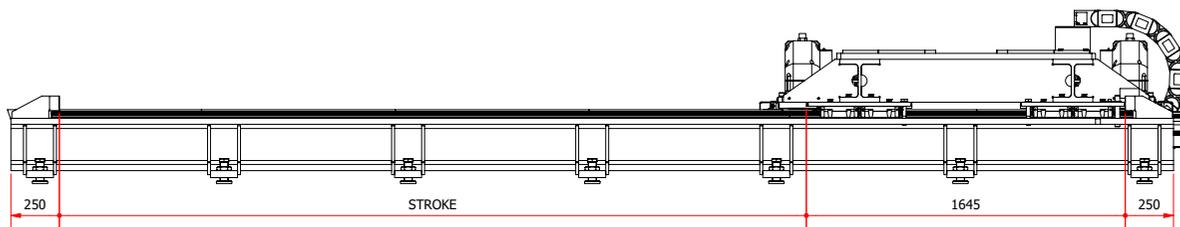


Robottrack FT55T

Mounting Position	 FLOOR
Mass axis	465 kg/m
Guiding railsize	55
Rack	M5
Acceleration	1 m/s ²
Speed	1 m/s

Suitable KUKA Robots

KR 1000 Titan series



AT55-W

Suitable KUKA Robots

KR 20 R3100-2

KR 30 R2100

KR 50 R2100

KR 70 R2100

Robotrack AT55-W

Mounting Position



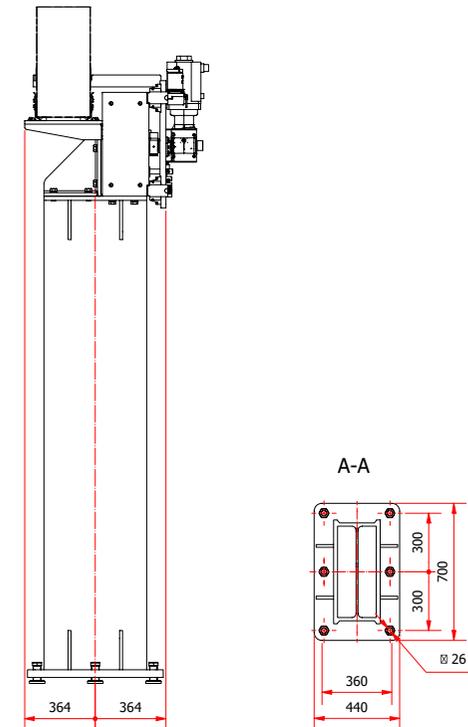
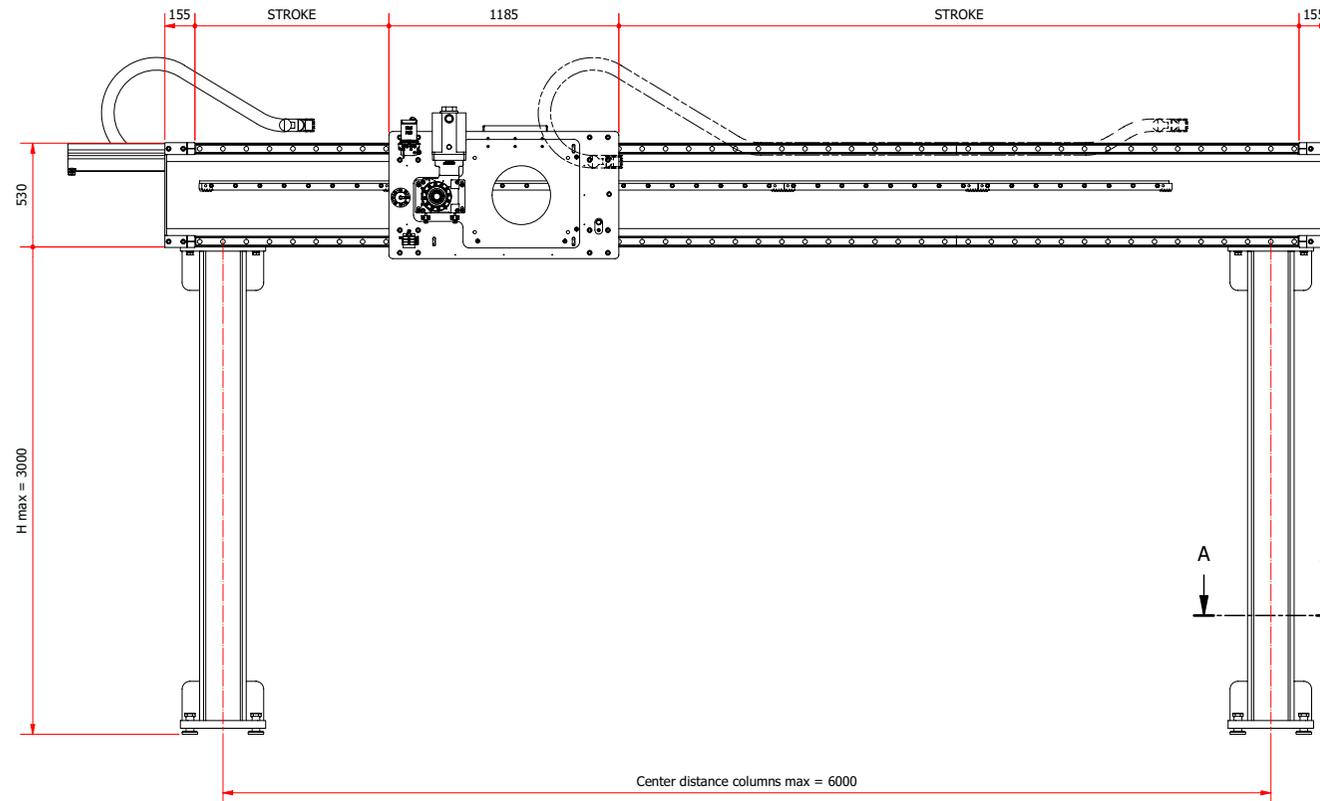
Mass axis 290 kg/m

Guiding railsize 55

Rack M4

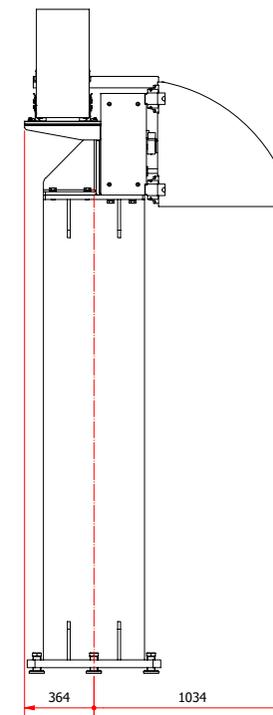
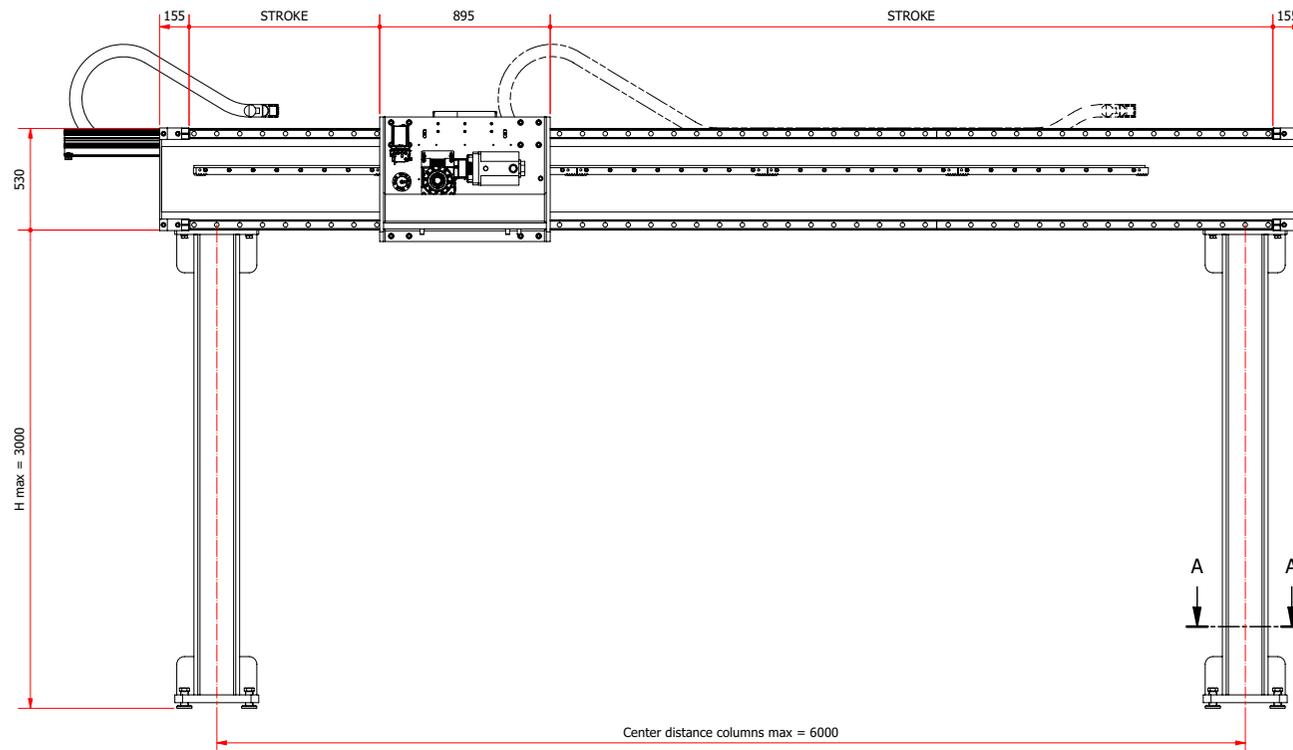
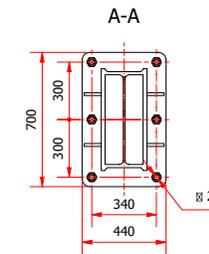
Acceleration 2 m/s²

Speed 2 m/s



Robotrack AT55-C	
Mounting Position	 CEILING
Mass axis	290 kg/m
Guiding railsize	55
Rack	M4
Acceleration	2 m/s ²
Speed	2 m/s

Suitable KUKA Robots
KR 20 R3100-2
KR 30 R2100
KR 50 R2100
KR 70 R2100
KR 120 R1800 Nano
KR 160 R1570 Nano
KR 40 PA

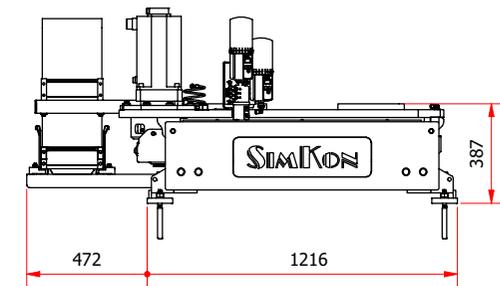
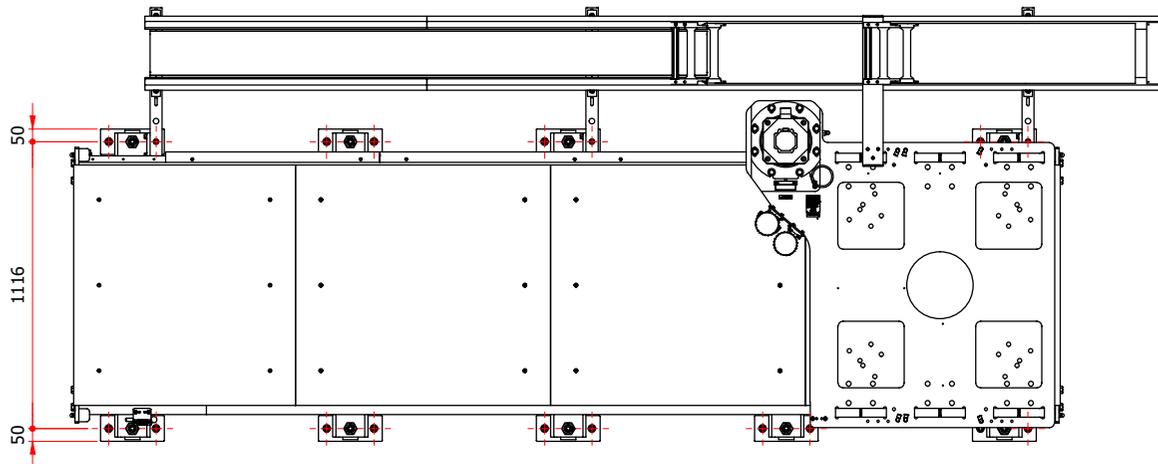
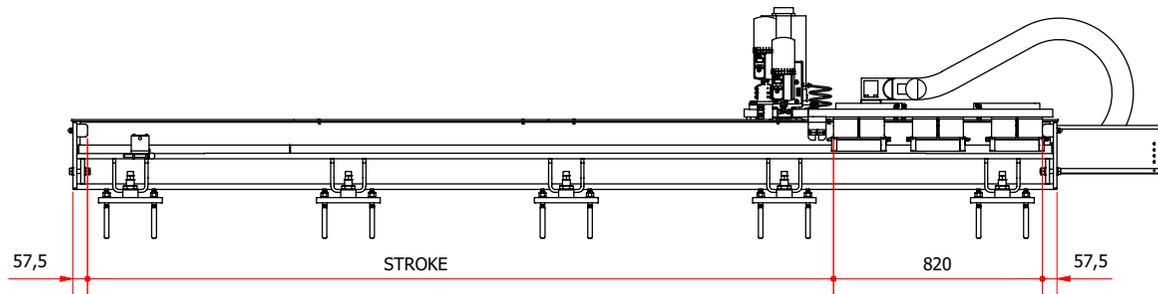


SRMC-2000-3

Suitable KUKA Robots
KR 270 R3100-2 K
KR 210 R3100-2
KR 240 R2900-2
KR 250 R2700-2
KR 300 R2700-2

Suitable KUKA Robots
KR 120 Series (except R1800 Nano)
KR 140 R3200-2 PA
KR 150 Series
KR 180 Series
KR 210 R3300-2
KR 240 Series

Robotrack SRMC-2000-3	
Mounting Position	 FLOOR
Mass axis	190 kg/m
Guiding railsize	45
Rack	M4
Acceleration	2 m/s ²
Speed	2 m/s

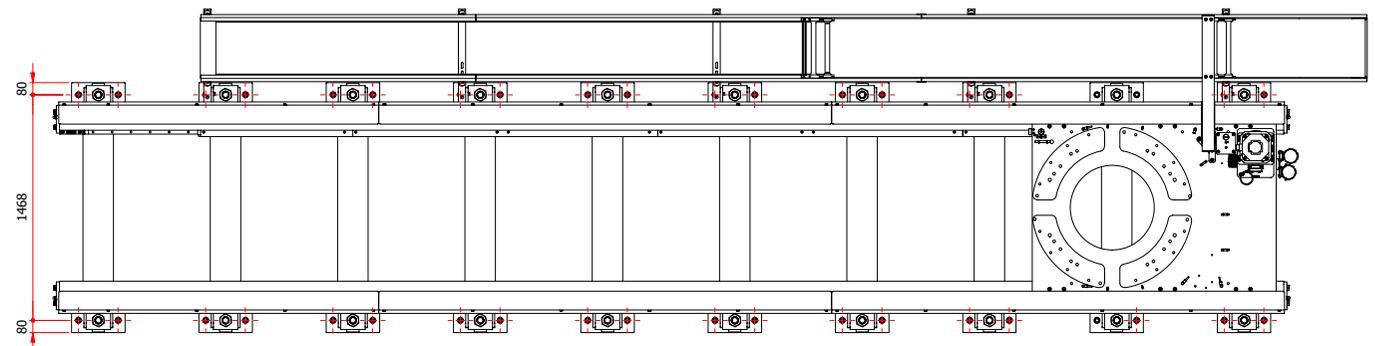
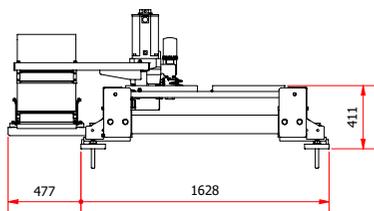
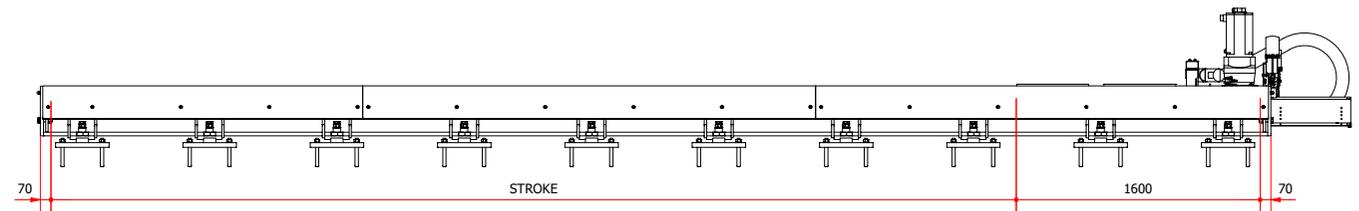


SRMC-4000-LC

Robottrack SRMC-4000-LC	
Mounting Position	 FLOOR
Mass axis	390 kg/m
Guiding railsize	55
Rack	M4
Acceleration	2 m/s ²
Speed	2 m/s

Suitable KUKA Robots
KR 280 R3080
KR 300-2 PA
KR 340 R3330
KR 420 Series
KR 470-2 PA
KR 480 Series
KR 500 R2830

Suitable KUKA Robots
KR 360 R2830
KR 510 R3080
KR 600 R2830
KR 640 R2800-2
KR 700 PA
KR 800 R2800-2



SRMC-6000-3

Suitable KUKA Robots

KR 1000 Titan series

Robotrack SRMC-6000-3

Mounting Position



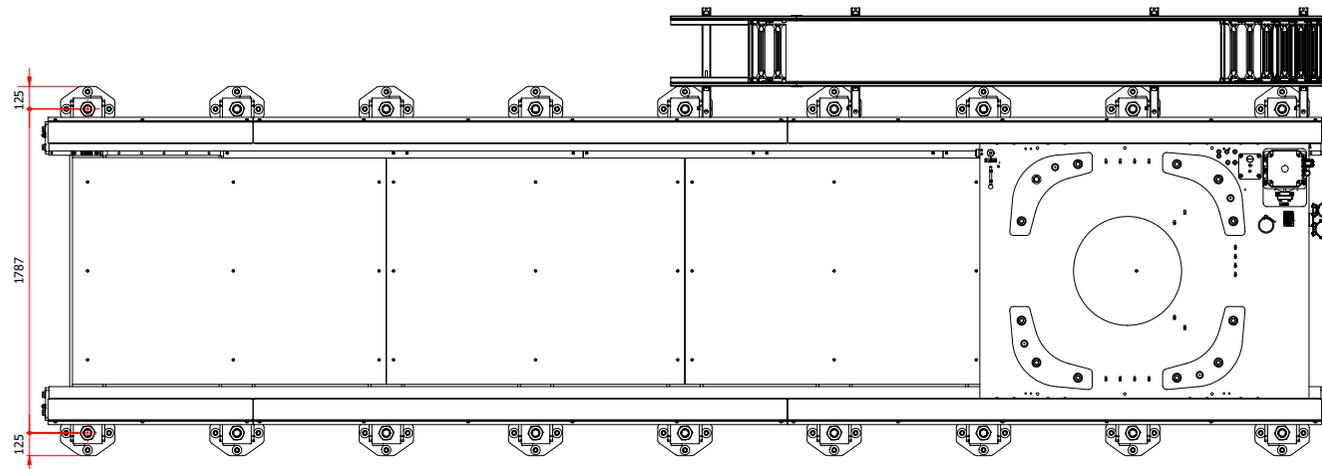
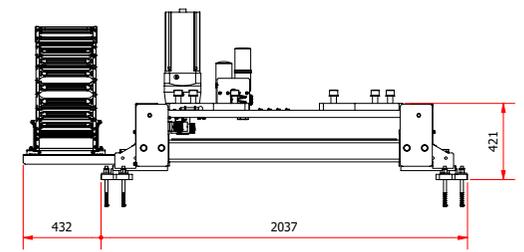
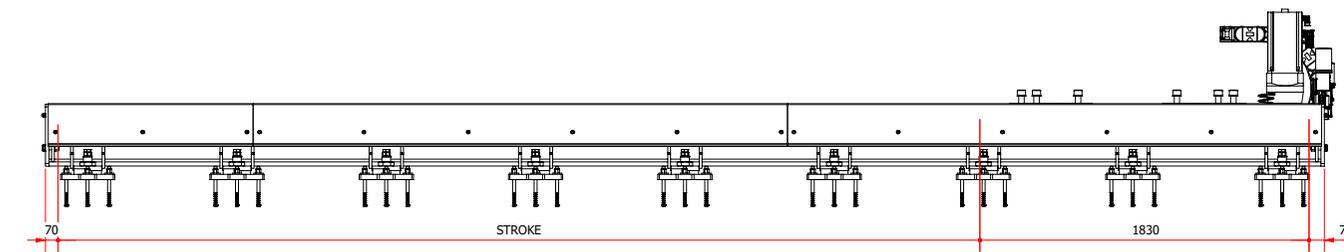
Mass axis 390 kg/m

Guiding railsize 55

Rack M4

Acceleration 1 m/s²

Speed 1 m/s

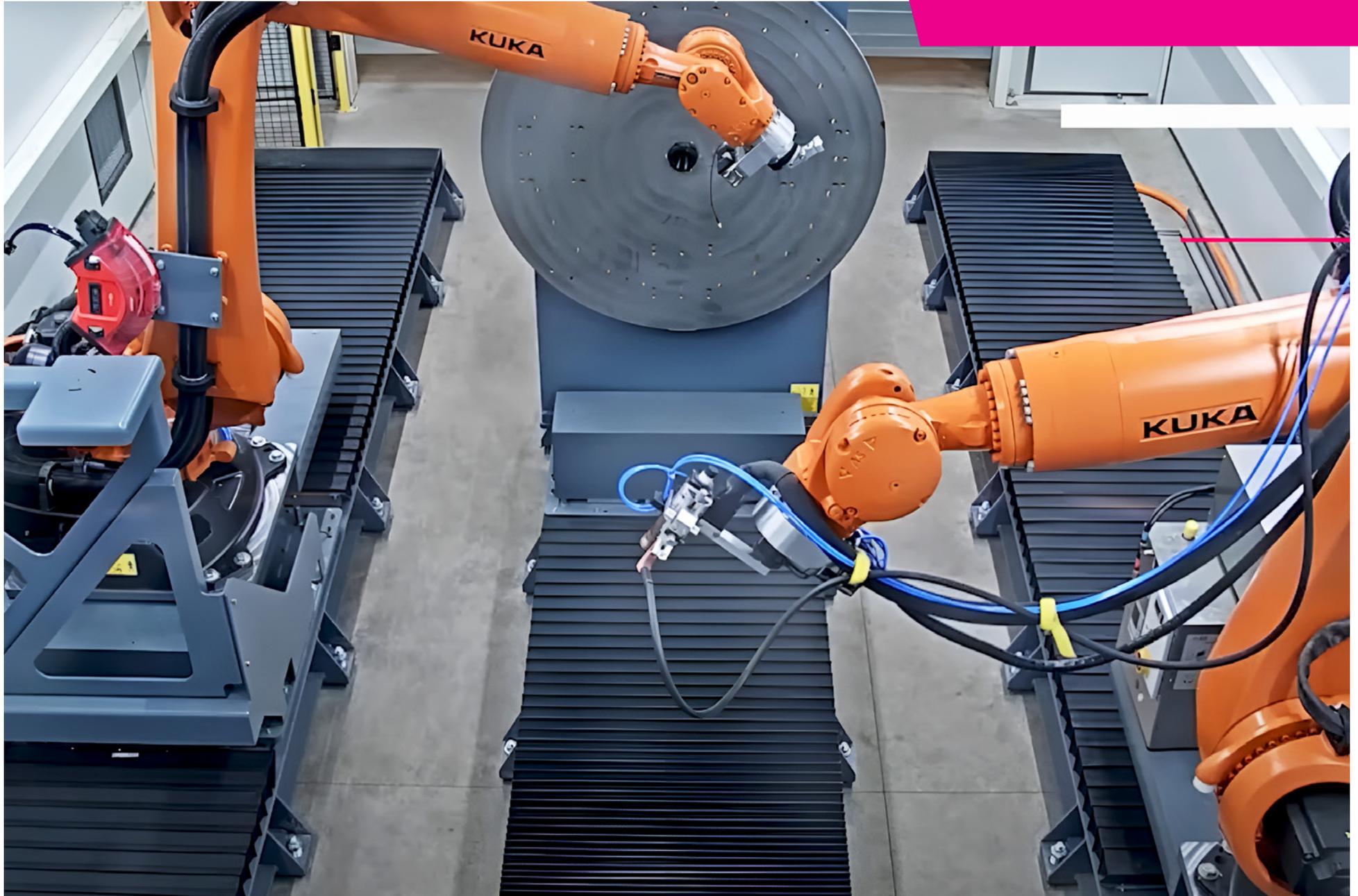




REALISATIONS

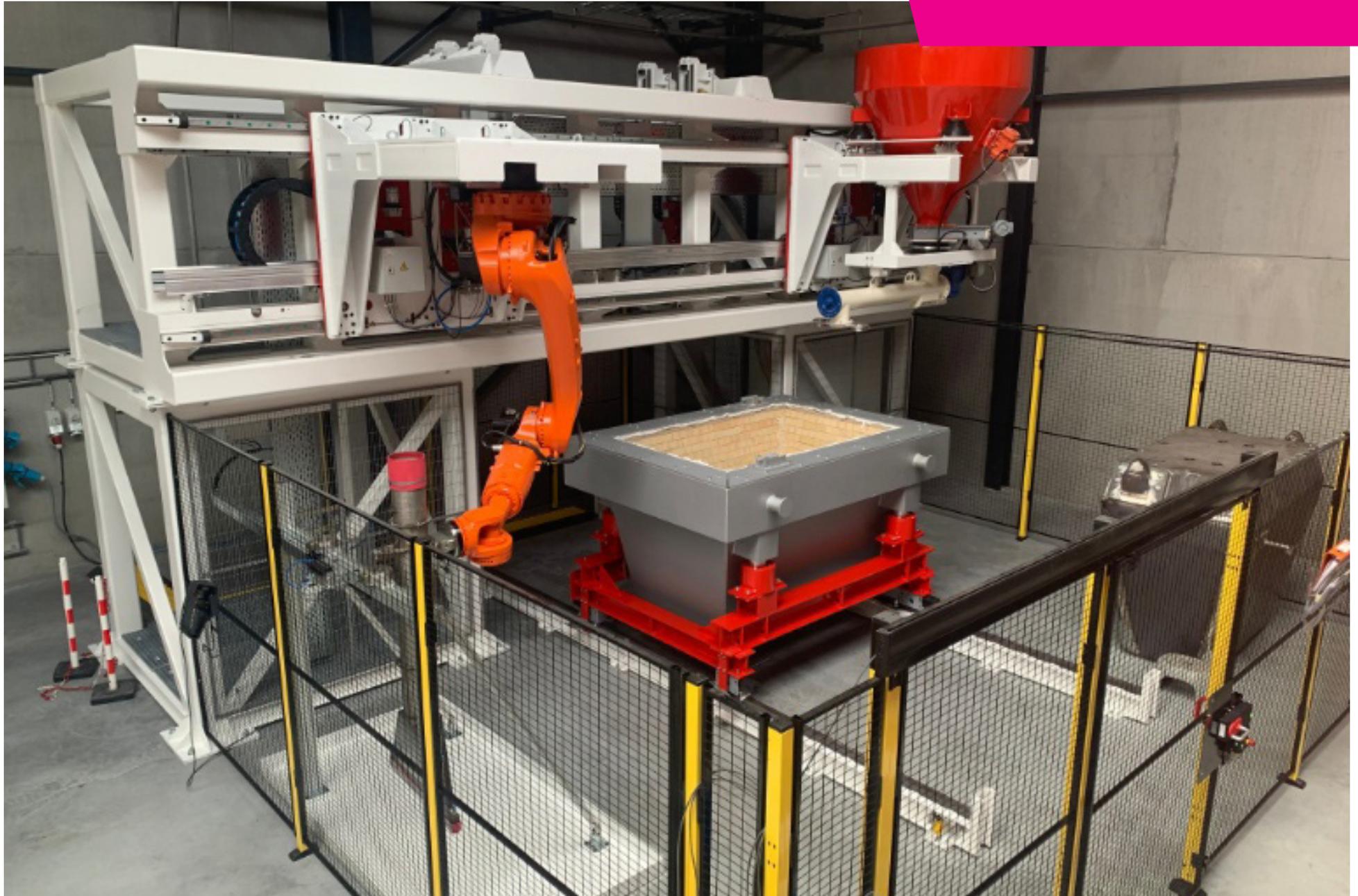
REALISATIONS



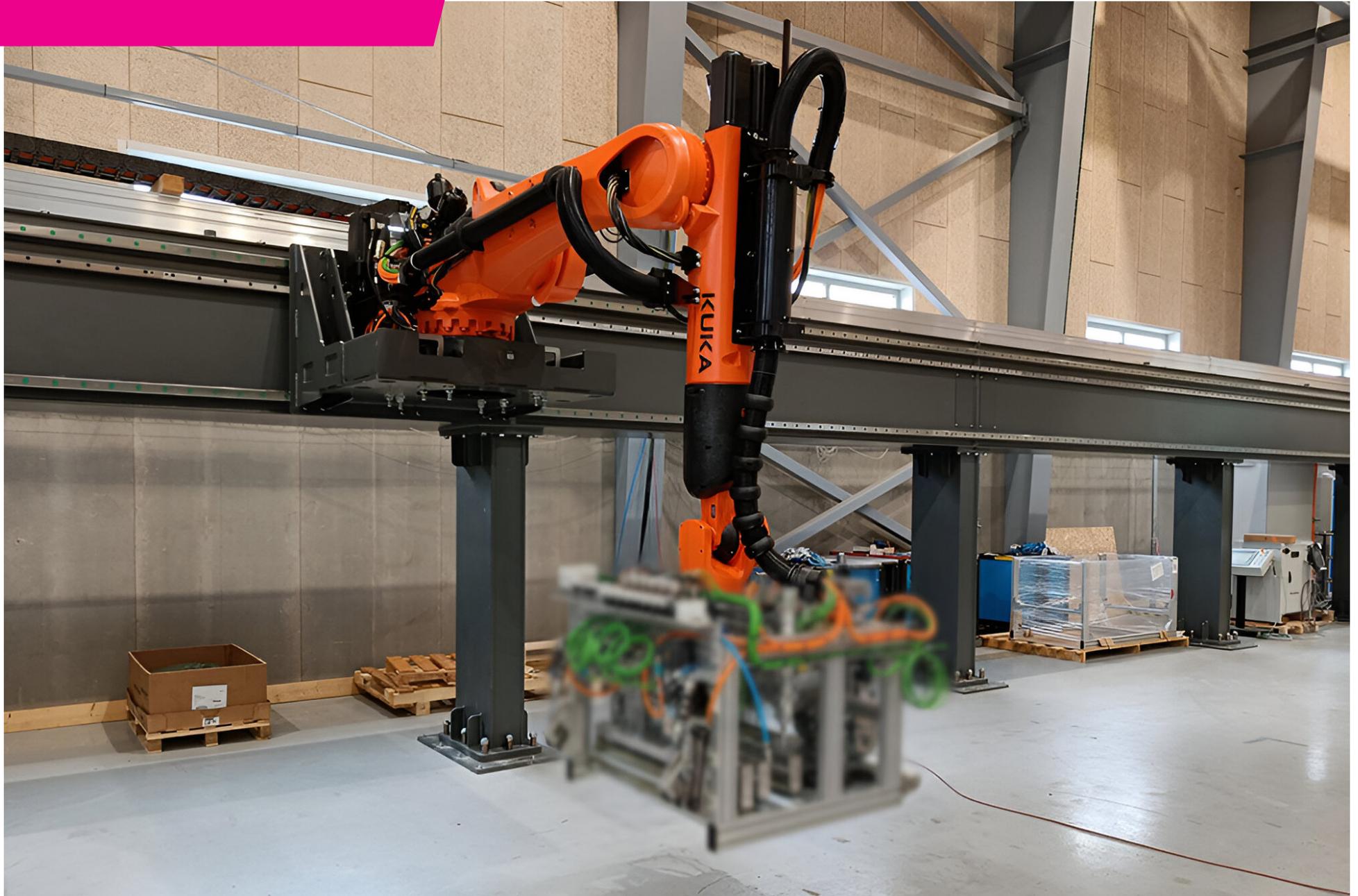


REALISATIONS



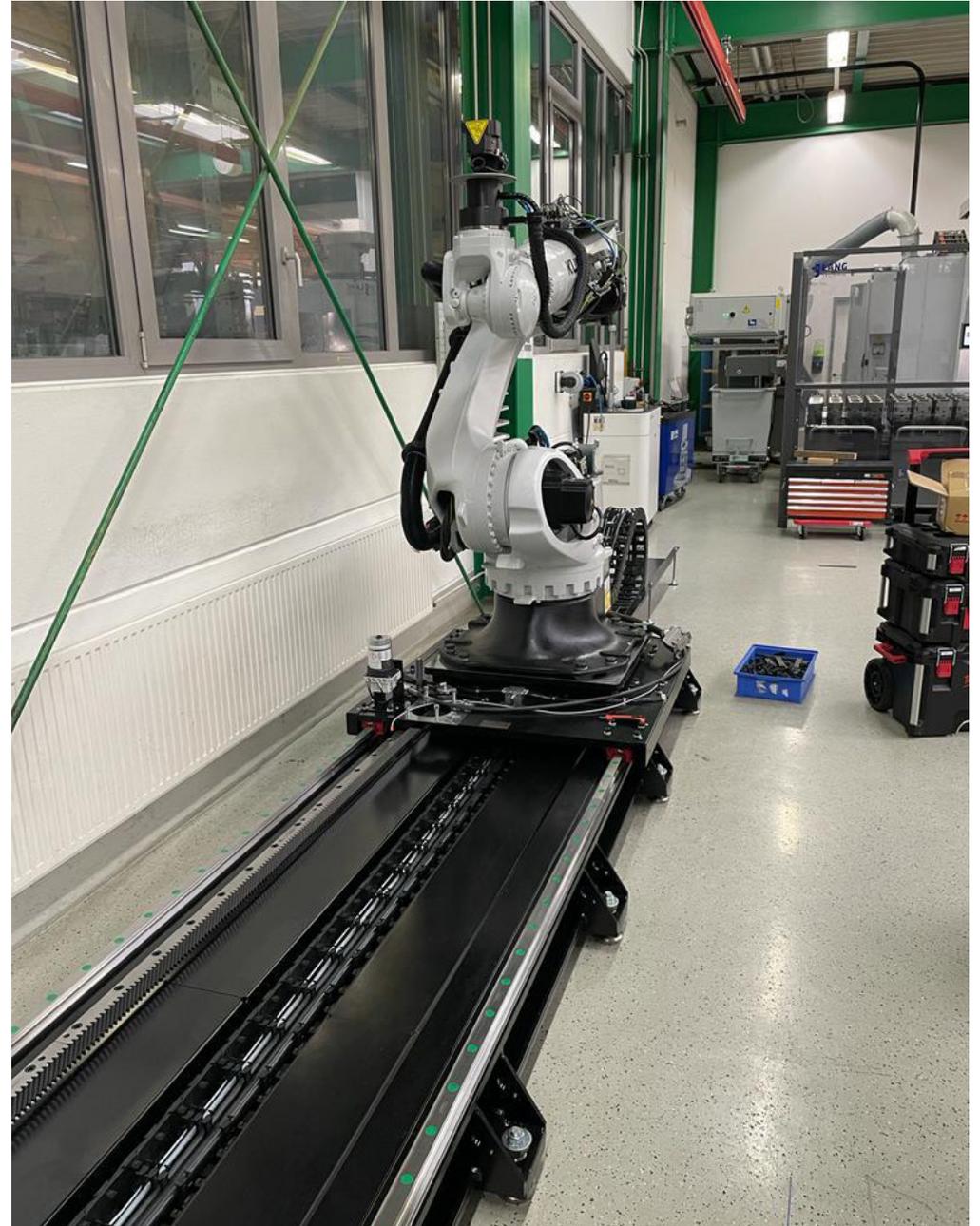


REALISATIONS





REALISATIONS







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