

Robotic Energy
SUPPLY SYSTEMS (EMPTY)

Welcome to Becker Robotic, where innovation meets reliability!

With over 30 years of experience, headquartered in Germany and supported by a strong global presence, we provide advanced technology solutions for modern industrial applications. Our portfolio includes energy supply systems, robotic equipment, engineering services, motion and stationary cables, and high-quality industrial equipment.

Through our worldwide network, we deliver reliable, high-quality solutions to industrial customers across the globe. From product development and engineering design to manufacturing, project support, installation, and system optimization, we offer end-to-end services that enhance performance and maximize uptime in automated production environments.

Partner with us to drive innovation and shape the future of automation.

Robotic Energy Supply Systems (Empty)

Maximum Flexibility. Universal Compatibility. Proven Reliability.

Introducing Becker's Robotic Energy Supply Systems (Empty) – The Dress Pack system that provides complete freedom for your specific requirements. Each Robotic Energy Supply Systems (Empty) is a pre-engineered, ready-to-install solution compatible with major industrial robot brands, including ABB, FANUC, KUKA, and YASKAWA.

What's Included?

Every System comes fully equipped with all essential components:

- Corrugated tube in your required diameter
- Becker's high-quality supports and mounting brackets
- Our advanced retraction unit, RoboRoc
- Protection doughnuts for extended service life

Our solid-material strain reliefs (clamping rings) are fully adjustable to fit your exact cable and hose diameters, providing secure and long-lasting protection.

Benefits:

- Fast installation: Pre-designed and immediately available
- Highly adaptable: Use with Becker cables or integrate your own components
- Universal fit: Compatible with leading robot manufacturers
- Robust performance: Designed for demanding industrial environments
- Maximum flexibility: Tailor the configuration to your exact application

Becker's Robotic Energy Supply Systems (Empty) delivers German-engineered quality, outstanding durability, and unmatched adaptability—keeping your production running smoothly and efficiently.

Table of Content

FANUC

FANUC R-2000iC	05
FANUC M-900iB	07

KUKA

KUKA Quantec-2	09
KUKA Fortec	11

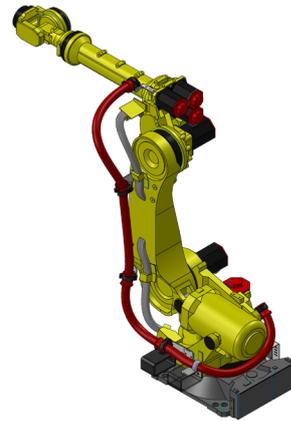
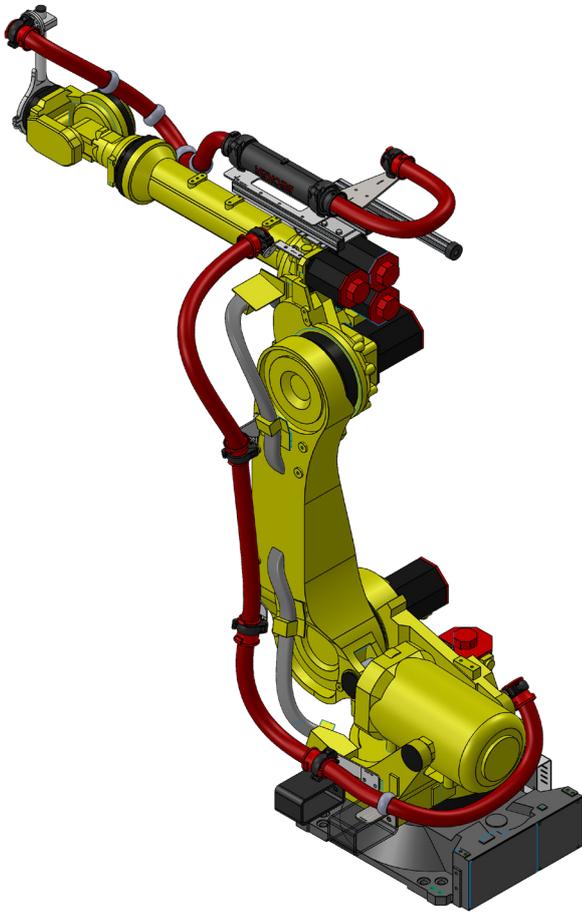
ABB

IRB 6700	13
IRB 7600	15
IRB 4600	17

YASKAWA

Yaskawa GP	19
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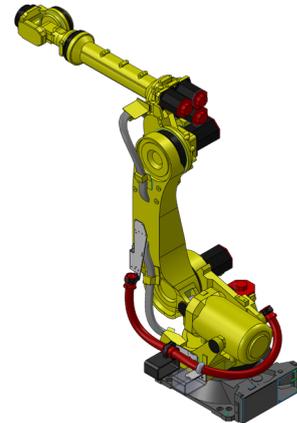
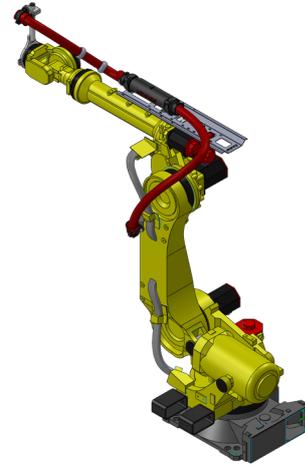
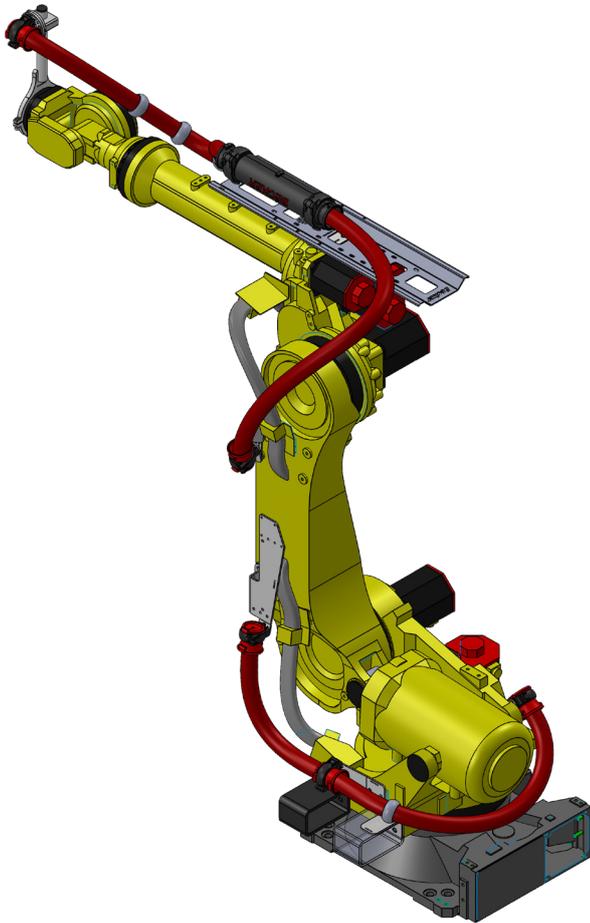
FANUC R-2000iC



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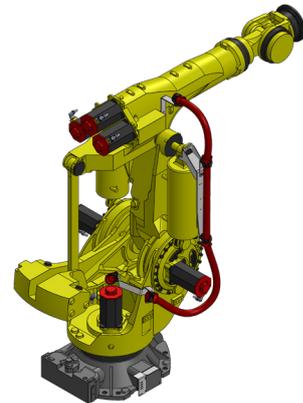
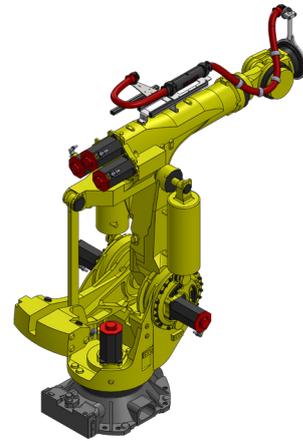
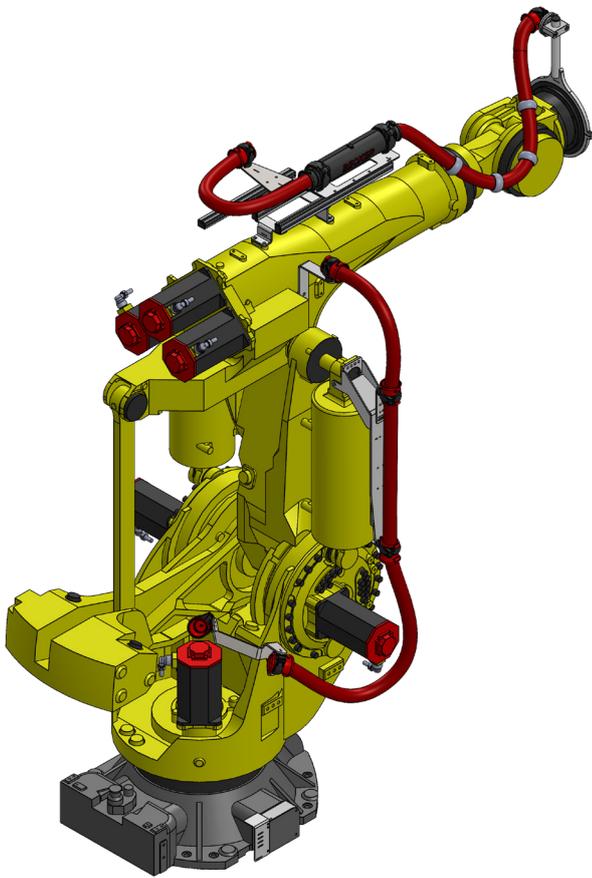
		Diameter		AL-Profile on Axis 3	
		↓		↓	
K.EP.	F	08X	.48 / 70	.16	-1001
		↑		↑	
Robot Type				Axis Area	
<ul style="list-style-type: none"> • R-2000iC/165F/ 210F/ 240F • R-2000iC/125L • R-2000iC/165R/ 210R • R-2000iC/ 270F • R-2000iC/ 210L • R-2000iC/ 270R 		080		.13 = Axis 1 to Axis 3	
		081		.36 = Axis 3 to Axis 6	
		082		.16 = Axis 1 to Axis 6	
		083			
		084			
		085			

FANUC R-2000iC



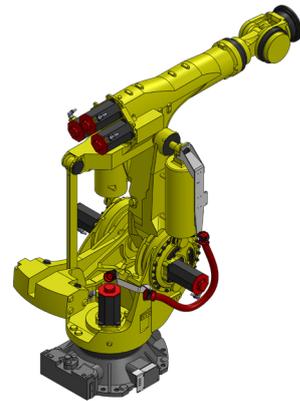
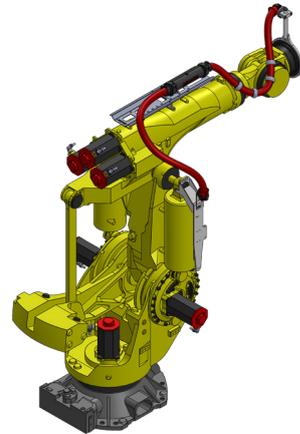
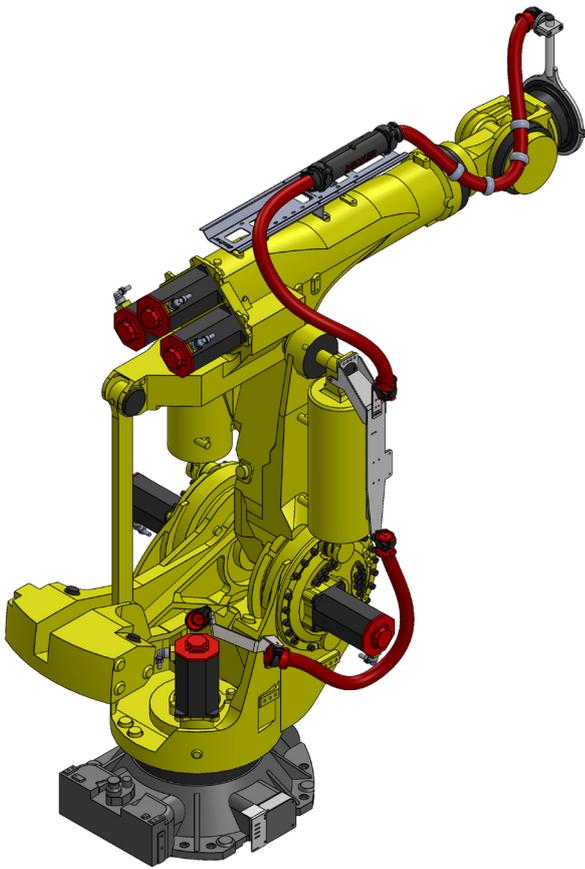
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		↑		↑	
Robot Type				Axis Area	
<ul style="list-style-type: none"> • R-2000iC/165F/ 210F/ 240F • R-2000iC/125L • R-2000iC/165R/ 210R • R-2000iC/ 270F • R-2000iC/ 210L • R-2000iC/ 270R 		080		.1S = Axis 1 to Link Arm	
		081		.S6 = Link Arm to Axis 6	
		082		.16 = Axis 1 to Axis 6	
		083			
		084			
		085			



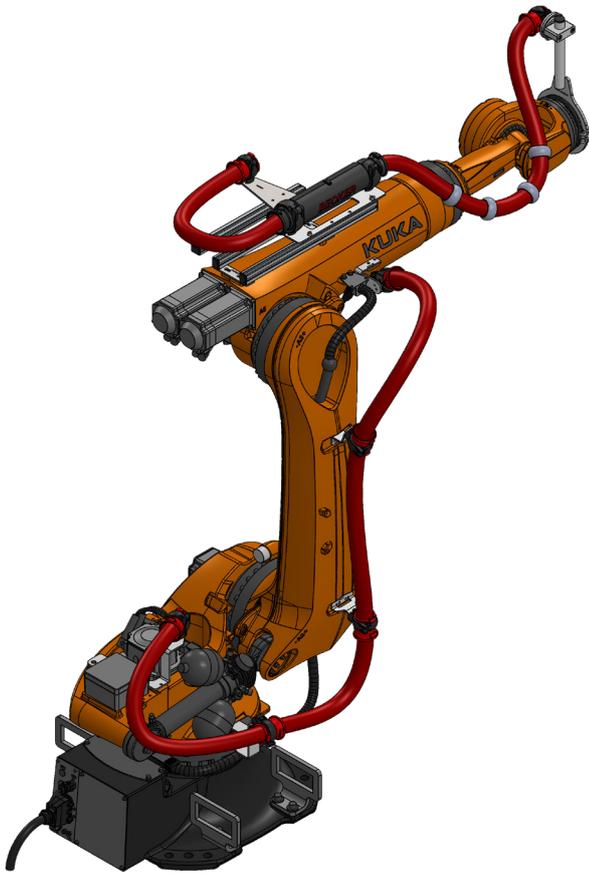
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Robot Type				Axis Area	
<ul style="list-style-type: none"> M-900iB/700, 700E M-900iB/400L M-900iB/360, M-900iB/360E M-900iB/280L M-900iB/330L 		070 071 072 073 074		.13 = Axis 1 to Axis 3 .36 = Axis 3 to Axis 6 .16 = Axis 1 to Axis 6	



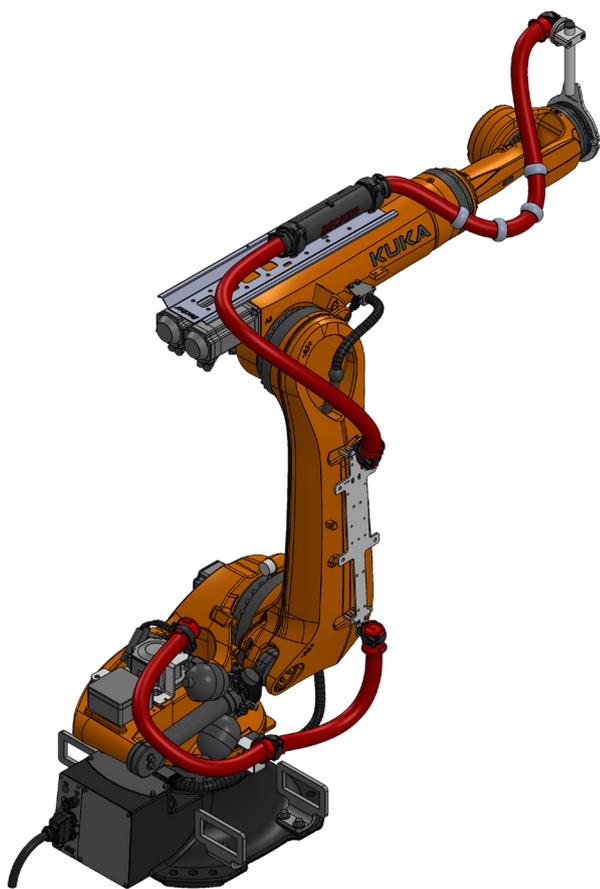
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K.EP.	F	07X	.48 / 70	.16	-0001
		↑		↑	
Robot Type				Axis Area	
<ul style="list-style-type: none"> • M-900iB/700, 700E • M-900iB/400L • M-900iB/360, M-900iB/360E • M-900iB/280L • M-900iB/330L 		070 071 072 073 074		.1S = Axis 1 to Link Arm .S6 = Link Arm to Axis 6 .16 = Axis 1 to Axis 6	



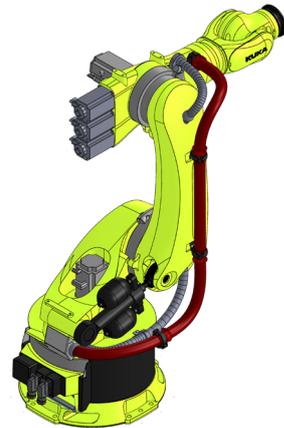
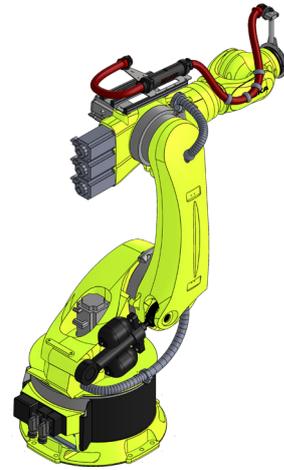
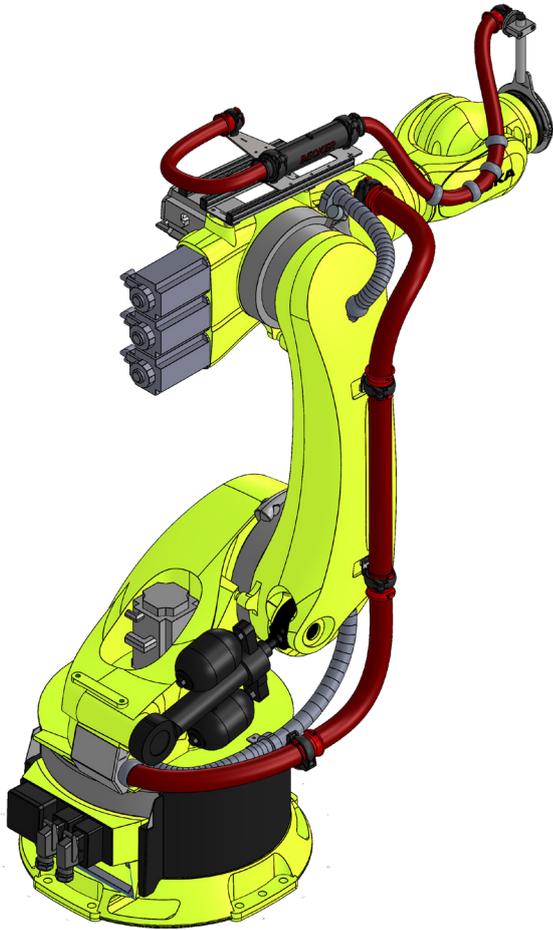
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		↓		↓	
K.EP.	K	24X	.48 / 70	.16	-1001
		↑		↑	
Robot Type				Axis Area	
• KR 250-300 R2700-2 mit Nut	242			.13 = Axis 1 to Axis 3	
• KR 120-210 R2700-2 Ø140mm	243			.36 = Axis 3 to Axis 6	
• KR 180-240 R2900-2 mit Nut	244			.16 = Axis 1 to Axis 6	
• KR 210 R3100-2 mit Nut	245				
• KR 120-150 R3100-2 Ø140mm	248				



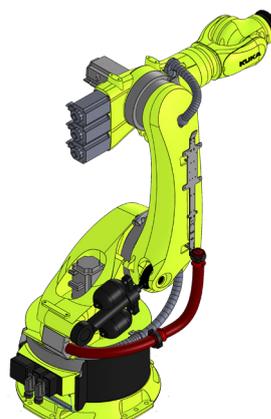
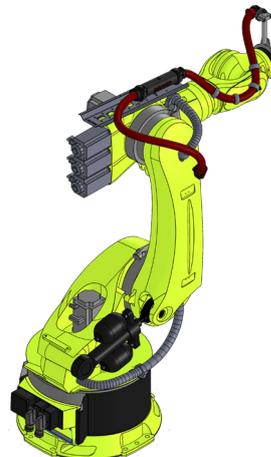
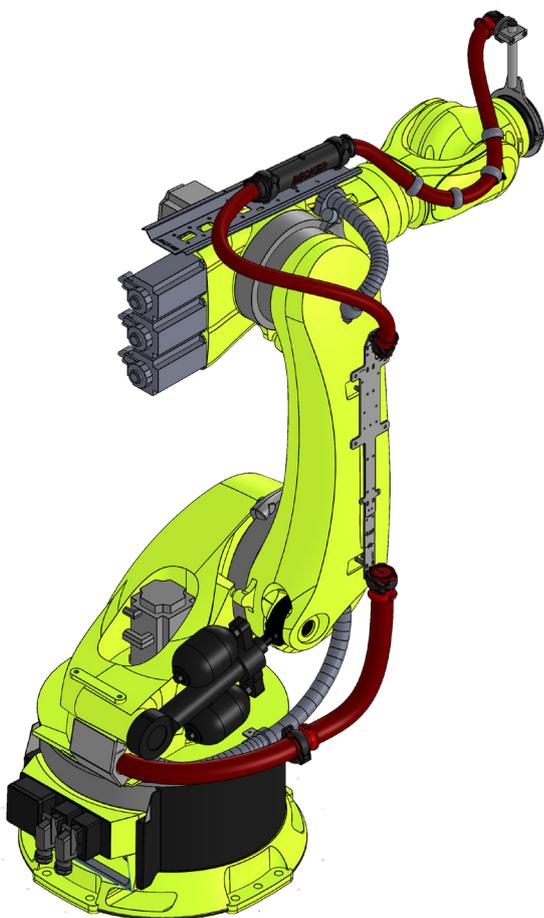
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K.EP.	K	24X	.48 / 70	.16	-0001
		↑		↑	
Robot Type				Axis Area	
<ul style="list-style-type: none"> • KR 250-300 R2700-2 mit Nut 242 • KR 120-210 R2700-2 Ø140mm 243 • KR 180-240 R2900-2 mit Nut 244 • KR 210 R3100-2 mit Nut 245 • KR 120-150 R3100-2 Ø140mm 248 				<ul style="list-style-type: none"> .1S = Axis 1 to Link Arm .S6 = Link Arm to Axis 6 .16 = Axis 1 to Axis 6 	



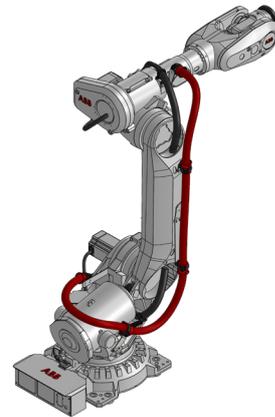
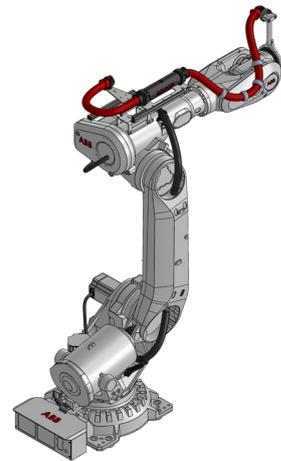
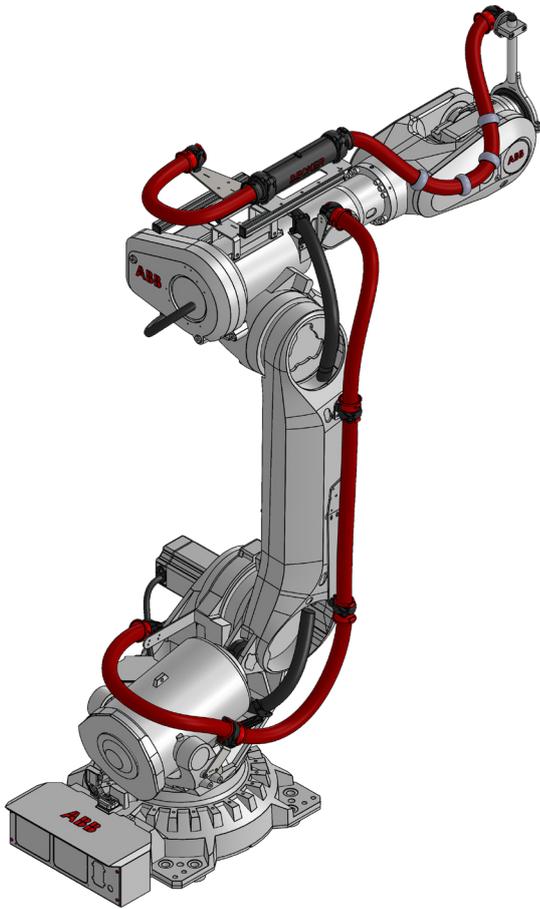
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		↓		↓	
K.EP.	K	11X	.48 / 70	.16	-1001
		↑		↑	
Robot Type				Axis Area	
<ul style="list-style-type: none"> • KR 360-4, 500-4, 600-4 R2830 • KR 280-4, 420-4, 510-4 R3080 • KR 240-4, 340-4, 420-4 R3330 • KR 480-4, R3330 MT 		111		.13 =Axis 1 to Axis 3	
		112		.36 =Axis 3 to Axis 6	
		113		.16 = Axis 1 to Axis 6	
		116			



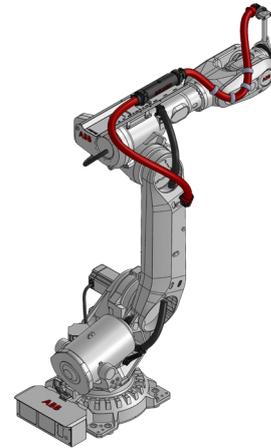
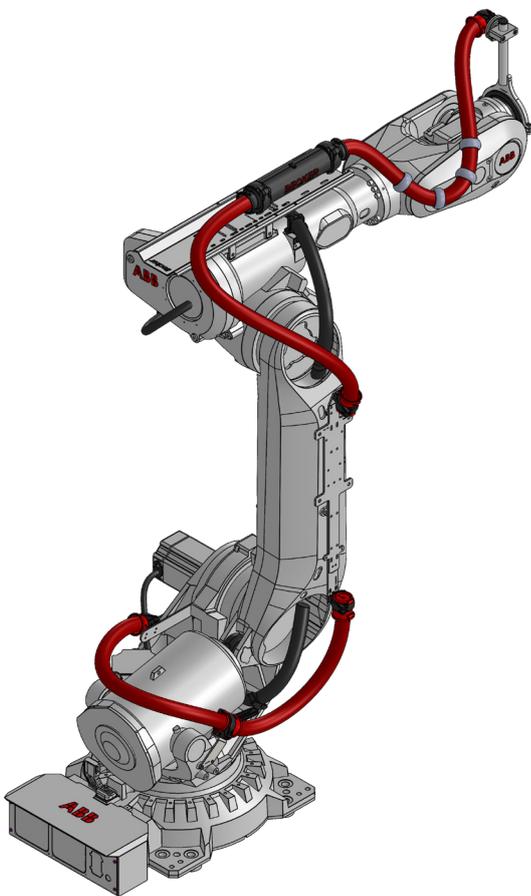
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K.EP.	K	11X	.48 / 70	.16	-0001
		↑		↑	
Robot Type				Axis Area	
<ul style="list-style-type: none"> • KR 360-4, 500-4, 600-4 R2830 • KR 280-4, 420-4, 510-4 R3080 • KR 240-4, 340-4, 420-4 R3330 • KR 480-4, R3330 MT 		111 112 113 116		.1S = Axis 1 to Link Arm .S6 = Link Arm to Axis 6 .16 = Axis 1 to Axis 6	



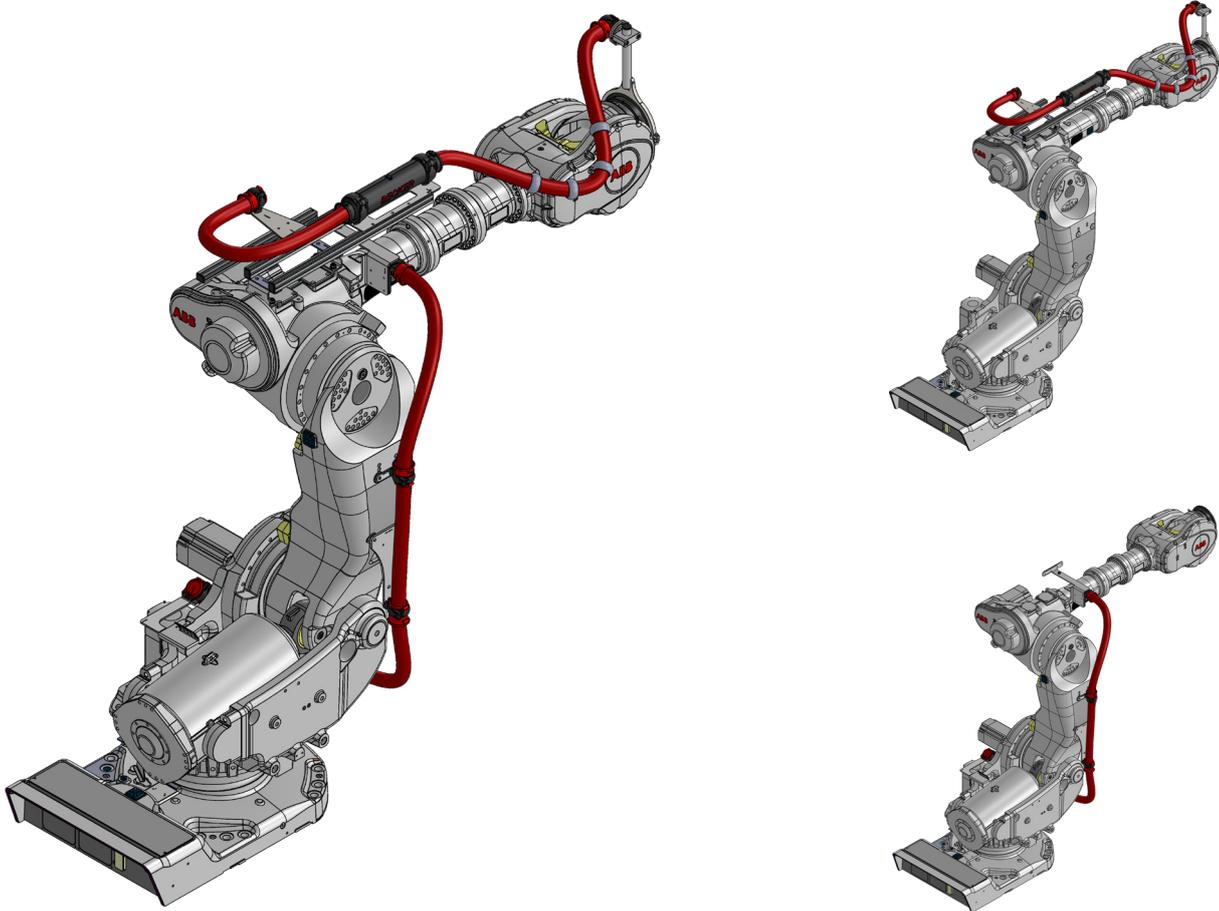
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		↓		↓	
K.EP.	A	15X	.48 / 70	.16	-1001
		↑		↑	
Robot Type				Axis Area	
•	IRB 6700-235/2.65	150		.13 = Axis 1 to Axis 3	
•	IRB 6700-205/2.80	151		.36 = Axis 3 to Axis 6	
•	IRB 6700-175/3.05	152		.16 = Axis 1 to Axis 6	
•	IRB 6700-150/3.20	153			
•	IRB 6700-200/2.60	154			
•	IRB 6700-300/2.70	155			
•	IRB 6700-155/2.85	156			
•	IRB 6700-245/3.00	157			
•	IRB 6700-185/2.80	158			



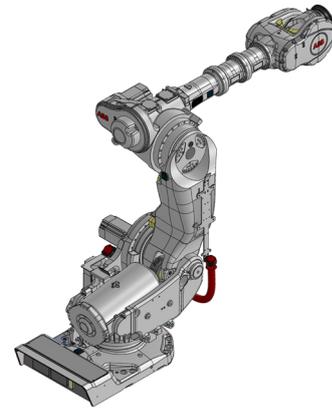
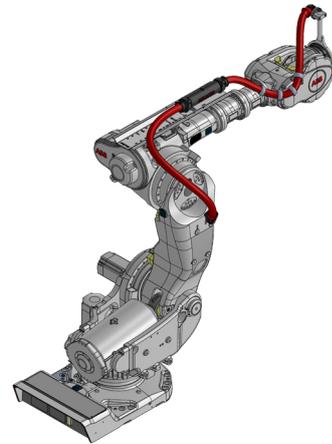
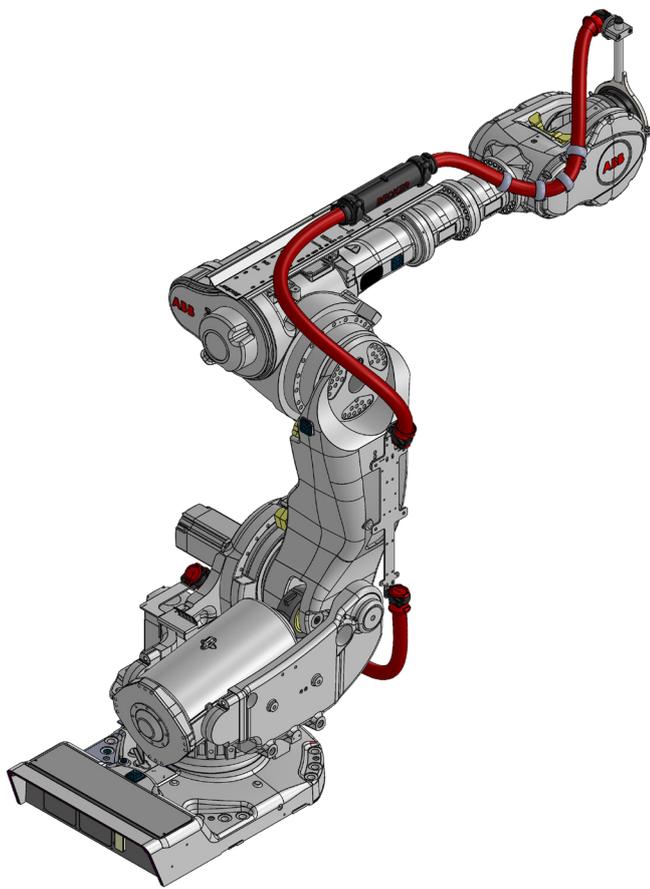
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		Diameter		ST-Profile on Axis 3	
		↓	↓		
K.E.P.	A	15X	.48 / 70	.16	-0001
		↑			↑
Robot Type			Axis Area		
•	IRB 6700-235/2.65	150	.1S = Axis 1 to Link Arm		
•	IRB 6700-205/2.80	151	.S6 = Link Arm to Axis 6		
•	IRB 6700-175/3.05	152	.16 = Axis 1 to Axis 6		
•	IRB 6700-150/3.20	153			
•	IRB 6700-200/2.60	154			
•	IRB 6700-300/2.70	155			
•	IRB 6700-155/2.85	156			
•	IRB 6700-245/3.00	157			
•	IRB 6700-185/2.80	158			



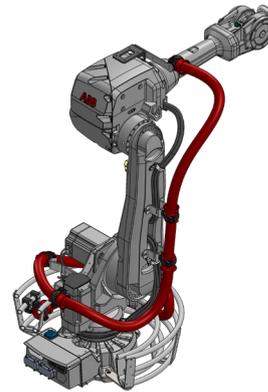
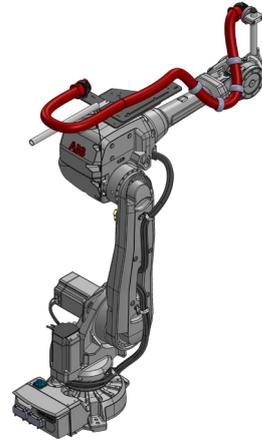
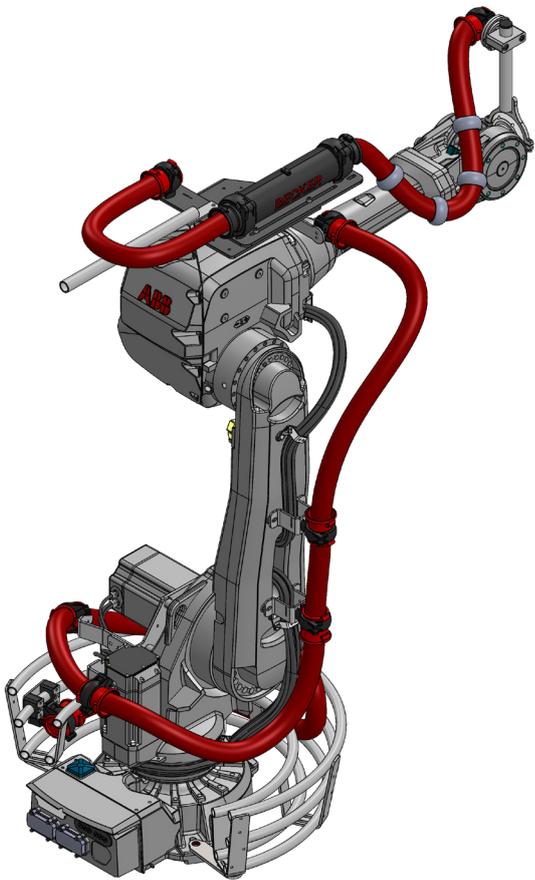
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K.E.P.	A	12X	.48 / 70	.16	-1001
		↑		↑	
Robot Type				Axis Area	
•	IRB 7600-500/2,30	120		.13 = Axis 1 to Axis 3	
•	IRB 7600-500/2,55	121			
•	IRB 7600-400/2,55	121			
•	IRB 7600-340/2,80	122		.36 = Axis 3 to Axis 6	
•	IRB 7600-325/3,10	123			
•	IRB 7600-150/3,50	124		.16 = Axis 1 to Axis 6	



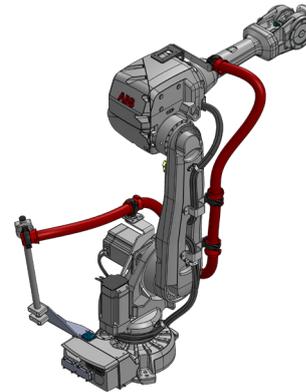
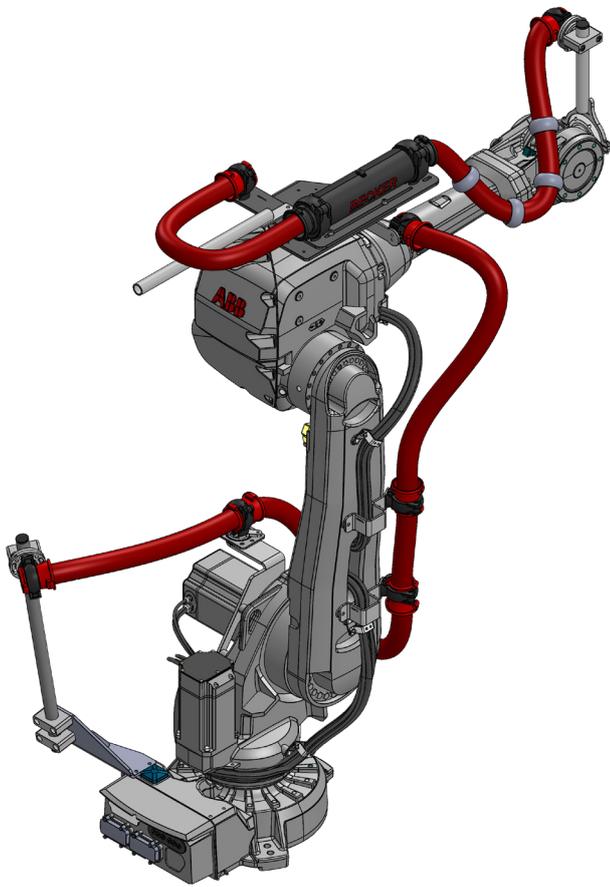
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K.EP.	A	12X	.48 / 70	.16	-0001
		↑		↑	
Robot Type				Axis Area	
<ul style="list-style-type: none"> • IRB 7600-500/2,30 • IRB 7600-500/2,55 • IRB 7600-400/2,55 • IRB 7600-340/2,80 • IRB 7600-325/3,10 • IRB 7600-150/3,50 		<ul style="list-style-type: none"> 120 121 121 122 123 124 		<ul style="list-style-type: none"> .1S = Axis 1 to Link Arm .S6 = Link Arm to Axis 6 .16 = Axis 1 to Axis 6 	



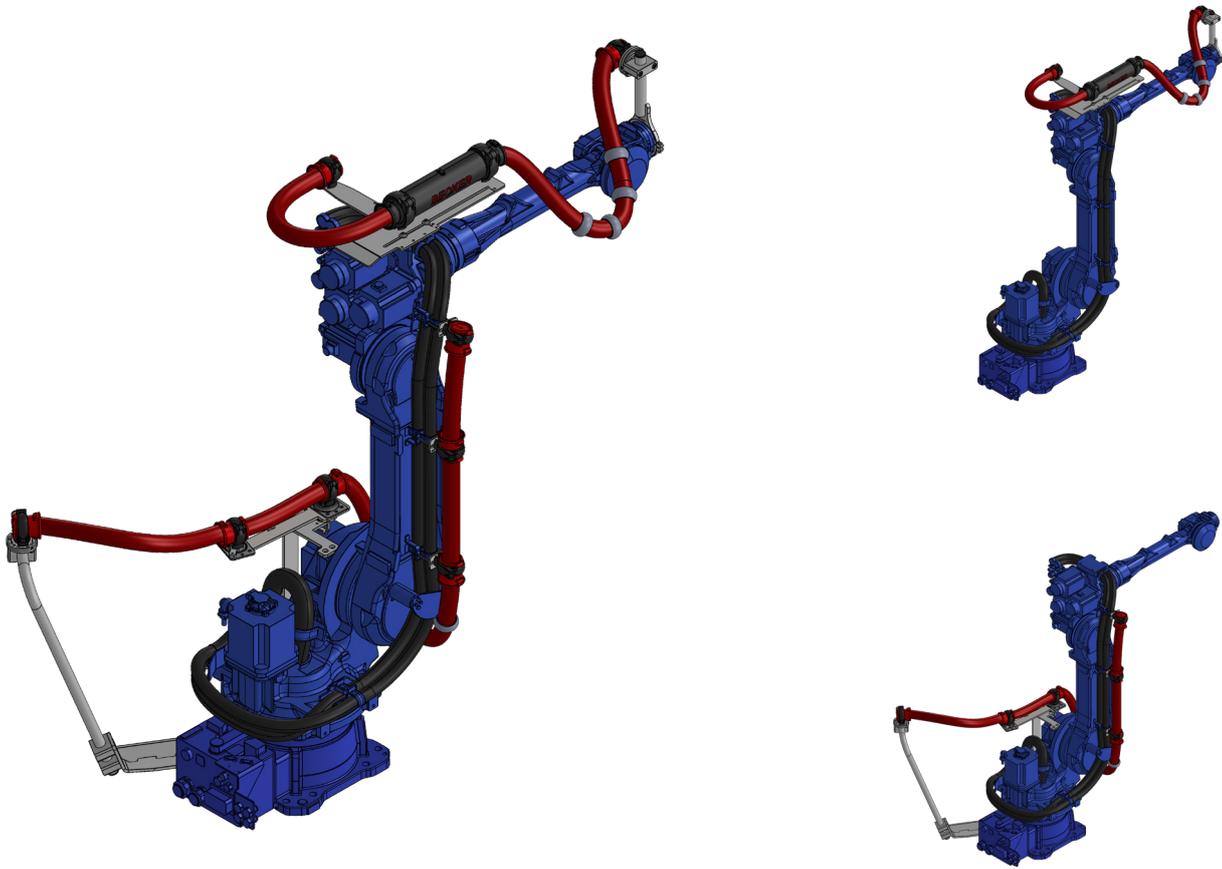
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Robot Type		↑		↑	Axis Area
<ul style="list-style-type: none"> IRB 4600-60/2,05 IRB 4600-45/2,05 IRB 4600-40/2,55 IRB 4600-20/2,50 		020 021 022 023		.E3 = Extern to Axis 3 .36 = Axis 3 to Axis 6 .E6 = Extern to Axis 6	



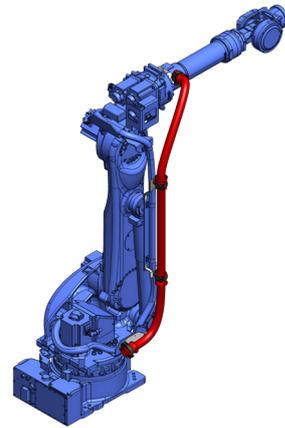
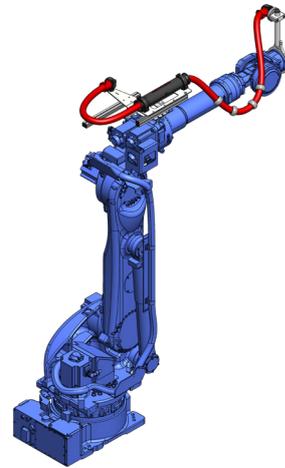
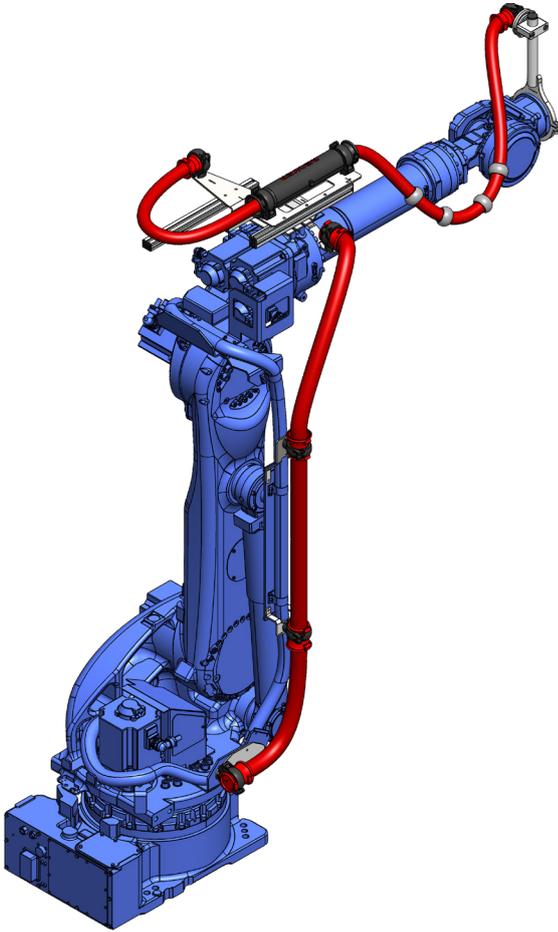
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			↓		↓
K.EP.	A	02X	.36/48	.E6	-1001 - B
		↑		↑	
Robot Type				Axis Area	
• IRB 4600-60/2,05		020		.E3 = External to Axis 3	
• IRB 4600-45/2,05		021		.36 = Axis 3 to Axis 6	
• IRB 4600-40/2,55		022		.E6 = External to Axis 6	
• IRB 4600-20/2,50		023			



Item Number Key

		Diameter		AL-Profile on Axis 3	
		↓		↓	
K.EP.	M	11X	.48 / 70	.E6	-1001
		↑		↑	
Robot Type				Axis Area	
• GP 50		110		.E3 = External to Axis 3	
• GP 88		111		.36 = Axis 3 to Axis 6	
• GP 110		112		.E6 = External to Axis 6	
• GP 35L		113			
• GP 20HL		114			



Item Number Key

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		↓		↓	
K.EP.	M	12X	.48 / 70	.E6	-0001
		↑		↑	
Robot Type				Axis Area	
• GP 225		120		.1S = Axis 1 to Link Arm	
• GP 180		121		.S6 = Link Arm to Axis 6	
• GP 180-120		122		.16 = Axis 1 to Axis 6	



Becker Robotic – Global Reach, Local Expertise

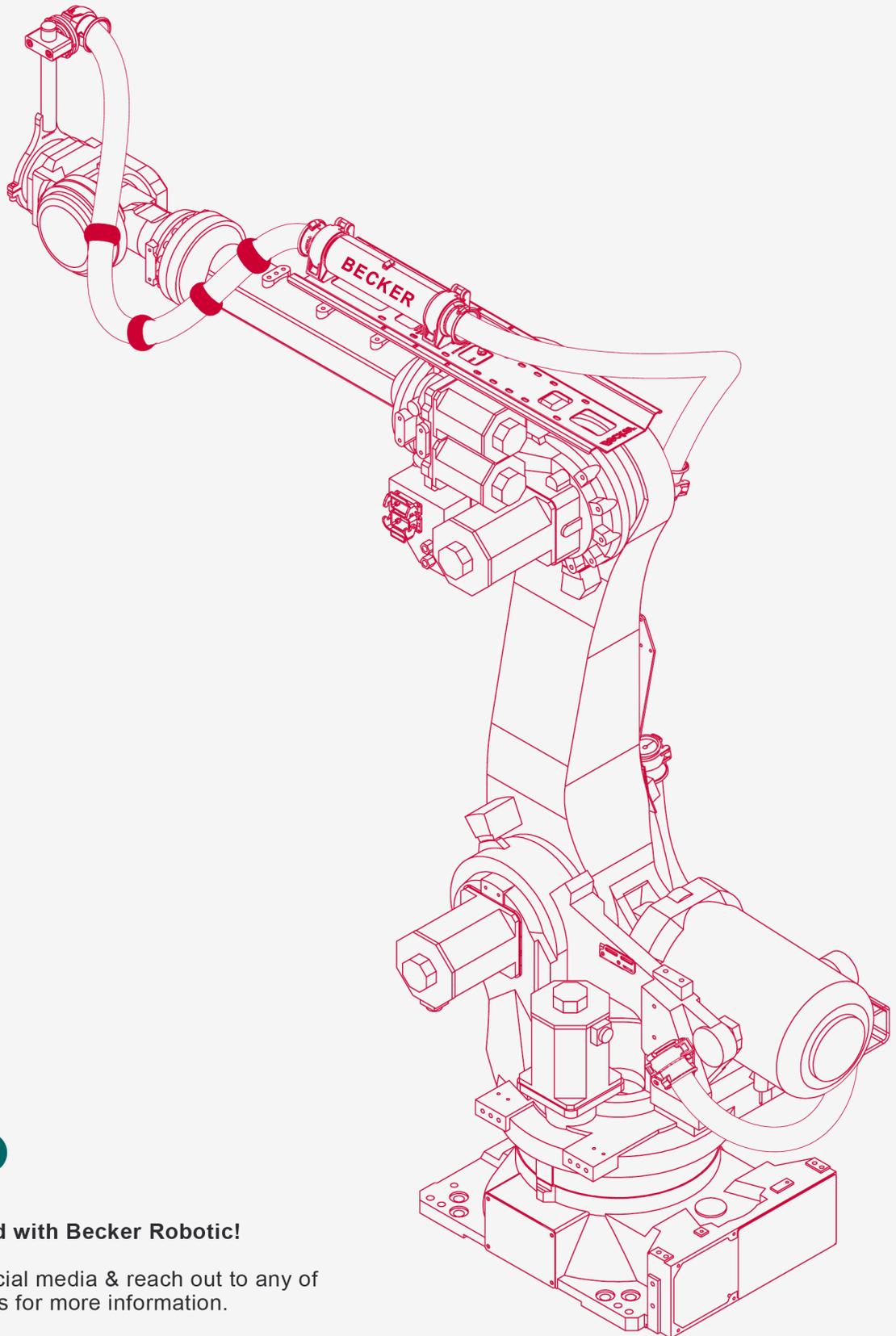
With a commitment to innovation and customer satisfaction, Becker continues to expand its global footprint while maintaining a personalized approach to client engagement. Our team is dedicated to delivering solutions that not only meet but exceed industry standards, driving success for our partners worldwide.



becker-robotic.com



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