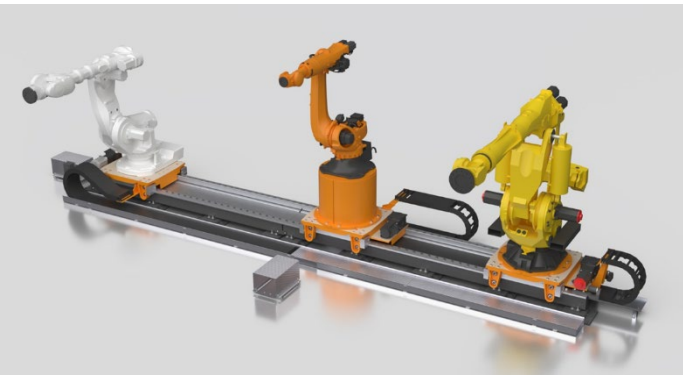
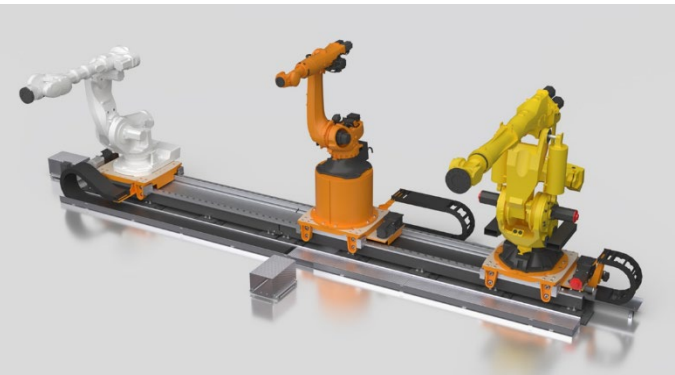
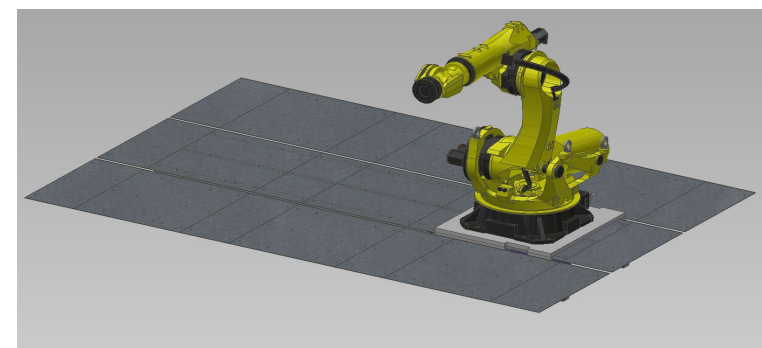


Product segment F.EE - Universal movement axis

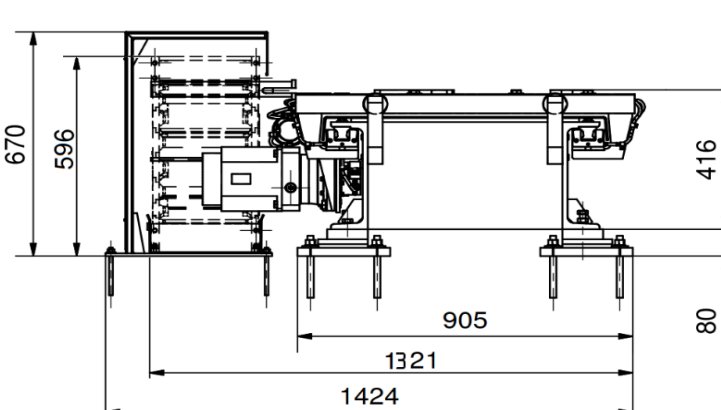
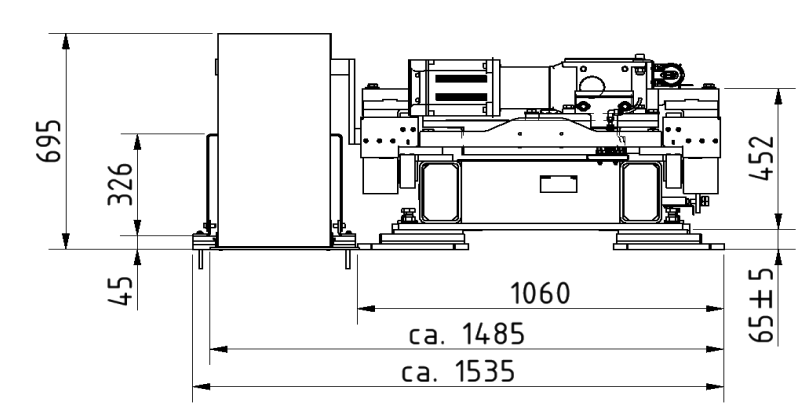
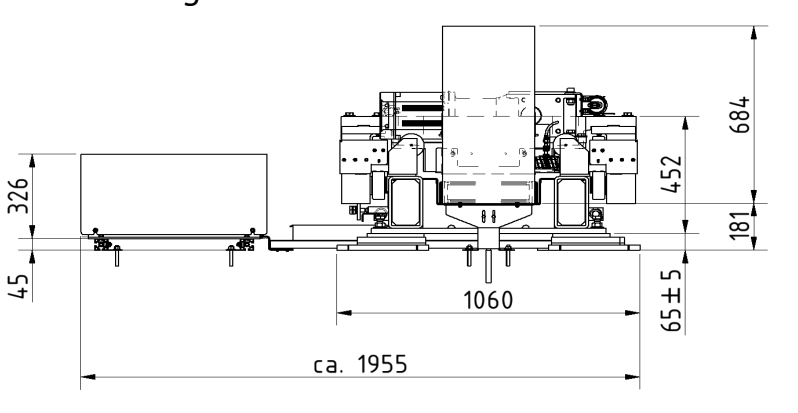
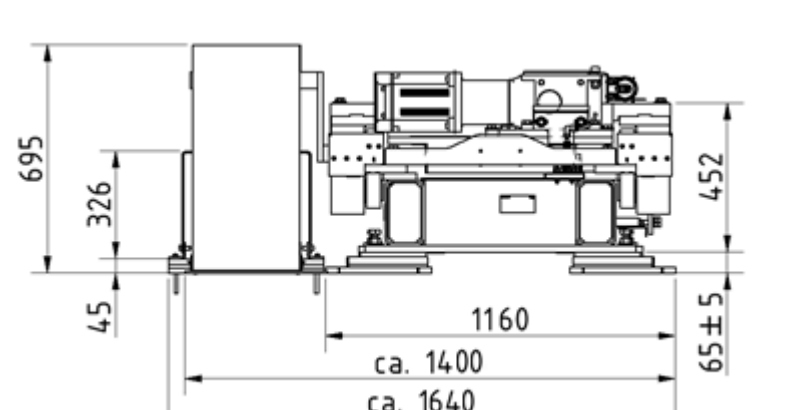
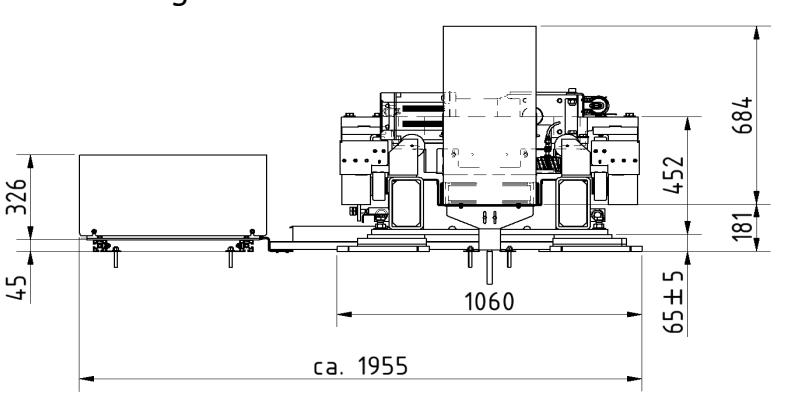
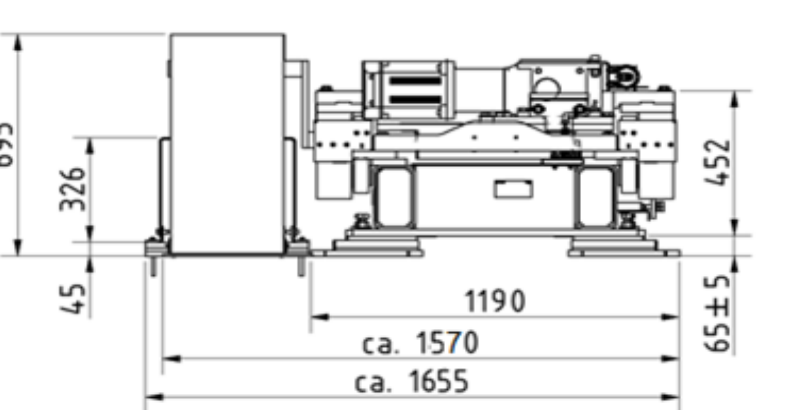
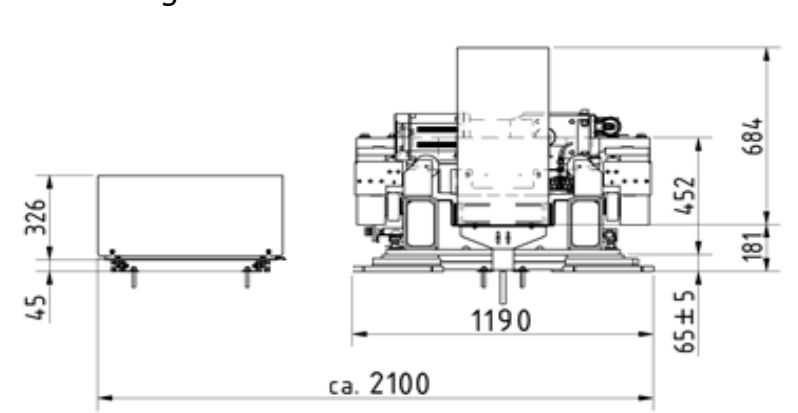
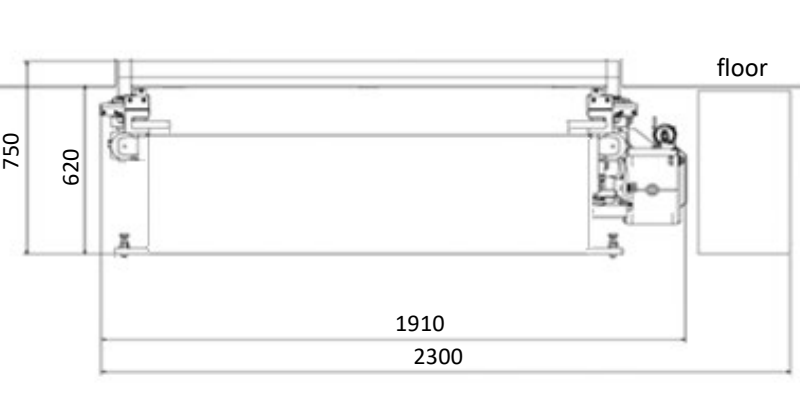
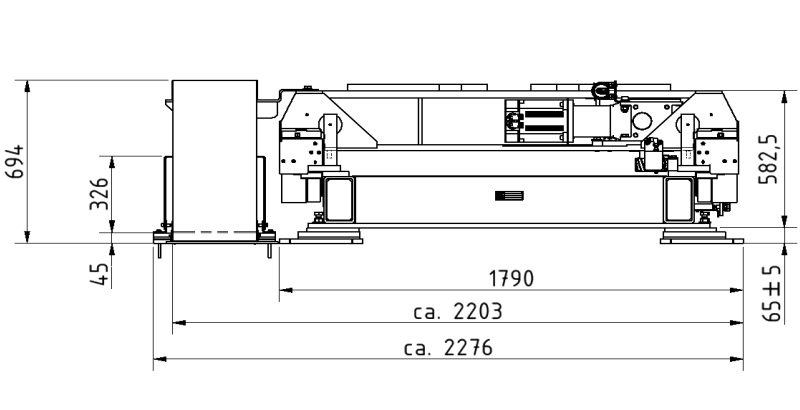
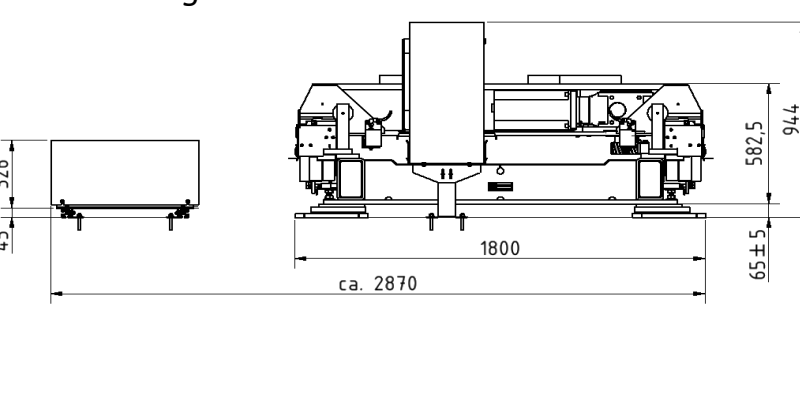
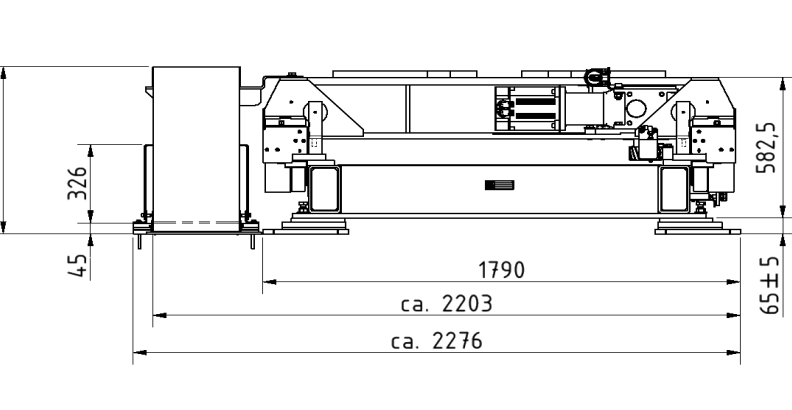
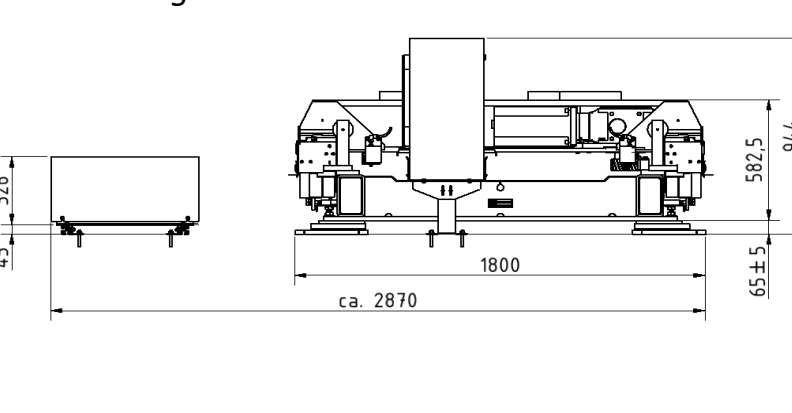
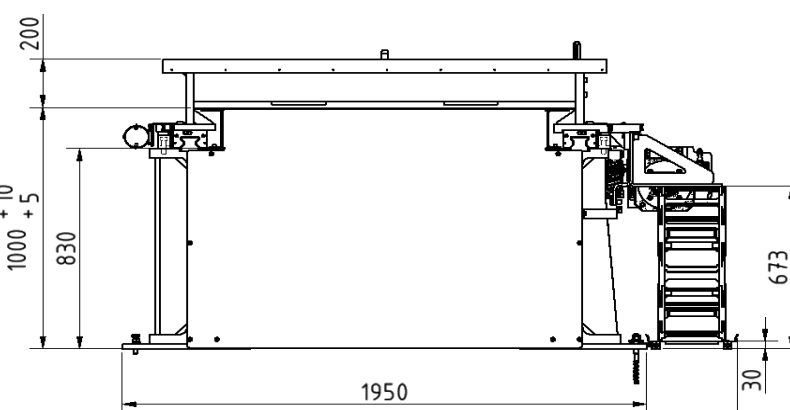


small payloads																																	
Typ SV60-s (cable drag sideward)																																	
																																	
<table><tr><th colspan="3">Technical specifications</th></tr><tr><td>Nominal payload Robot (without additional load) (#1)</td><td>60</td><td>kg</td></tr><tr><td>Static payload: (without robot)</td><td>1.200</td><td>kg</td></tr><tr><td>extended static payload (without Robot) (#2)</td><td>1.500</td><td>kg</td></tr><tr><td>Drive speed: (max.)</td><td>4,00</td><td>m/s</td></tr><tr><td>Acceleration: (max.)</td><td>3,00</td><td>m/s²</td></tr><tr><td>Repeatability accuracy:</td><td>± 0,02</td><td>mm</td></tr><tr><td>Standard nominal stroke:</td><td>from 0,5 to X</td><td>m</td></tr><tr><td>Installation position:</td><td>Floor: x steel structure: x Ceiling: x</td><td></td></tr><tr><td>Noise emissions:</td><td>70,00</td><td>dB</td></tr><tr><td>Robot type: (Example (#3))</td><td>Kuka: KR 60 Fanuc: M-710 ABB: IRB 4400</td><td></td></tr></table> Other variants or robot typs are available on request!	Technical specifications			Nominal payload Robot (without additional load) (#1)	60	kg	Static payload: (without robot)	1.200	kg	extended static payload (without Robot) (#2)	1.500	kg	Drive speed: (max.)	4,00	m/s	Acceleration: (max.)	3,00	m/s²	Repeatability accuracy:	± 0,02	mm	Standard nominal stroke:	from 0,5 to X	m	Installation position:	Floor: x steel structure: x Ceiling: x		Noise emissions:	70,00	dB	Robot type: (Example (#3))	Kuka: KR 60 Fanuc: M-710 ABB: IRB 4400	
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medium payloads																																																																																																					
Typ 5002-s-500 Typ 5002.1-s-500 (cable drag sideward) (cable drag centric)	Typ 5002-s-700 Typ 5002.1-s-700 (cable drag sideward) (cable drag centric)	Typ 5003 Typ 5003.1 (cable drag sideward) (cable drag centric)																																																																																																			
																																																																																																					
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high payloads																																																																																																																																							
Typ 5004-s-1000 (axis flush / passable)	Typ 5002-s-1000 (cable drag sideward) (cable drag centric)	Typ 5002-sd-1000 (-1300) (cable drag sideward) (cable drag centric)	Typ 8000-s-1500 (cable drag sideward) (clean room suitable)																																																																																																																																				
																																																																																																																																							
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Noise emissions:	70,00	dB																																																																																																																																					
Robot type: (Example (#3))	Kuka: KR 1000 Fanuc: M-2000 Kawasaki: MG10HL MG15HL																																																																																																																																						
Technical specifications																																																																																																																																							
Nominal payload Robot (without additional load) (#1)	1.500	kg																																																																																																																																					
Static payload: (without robot)	8.250	kg																																																																																																																																					
extended static payload (without Robot) (#2)	12.000	kg																																																																																																																																					
Drive speed: (max.)	2,00	m/s																																																																																																																																					
Acceleration: (max.)	1,45	m/s²																																																																																																																																					
Repeatability accuracy:	± 0,02	mm																																																																																																																																					
Standard nominal stroke:	from 0,5 to X	m																																																																																																																																					
Installation position:	Floor: x steel structure: x Ceiling: -																																																																																																																																						
Noise emissions:	70,00	dB																																																																																																																																					
Robot type: (Example (#3))	Kawasaki: MG15HL																																																																																																																																						

Dimensions F.EE - Universal movement axis

small payloads		medium payloads			high payloads			
Typ SV60-s (cable drag sideward)		Typ 5002-s-500 Typ 5002.1-s-500 (cable drag sideward) (cable drag centric)	Typ 5002-s-700 Typ 5002.1-s-700 (cable drag sideward) (cable drag centric)	Typ 5003 Typ 5003.1 (cable drag sideward) (cable drag centric)	Typ 5004-s-1000 (axis flush / passable)	Typ 5002-s-1000 (cable drag sideward) (cable drag centric)	Typ 5002-sd-1000 (-1300) (cable drag sideward) (cable drag centric)	Typ 8000-s-1500 (cable drag sideward) (clean room suitable)
cable drag sideward 		cable drag sideward  cable drag centric 	cable drag sideward  cable drag centric 	cable drag sideward  cable drag centric 	cable drag sideward 	cable drag sideward  cable drag centric 	cable drag sideward  cable drag centric 	cable drag sideward 

(#1) Relevant for the max. payload are the foundation load data, instead of the max. payload data of the robot manufacturer!
(#2) A separate dimensioning is required for this!
(#3) other variants are available on request. Changes and errors excepted!