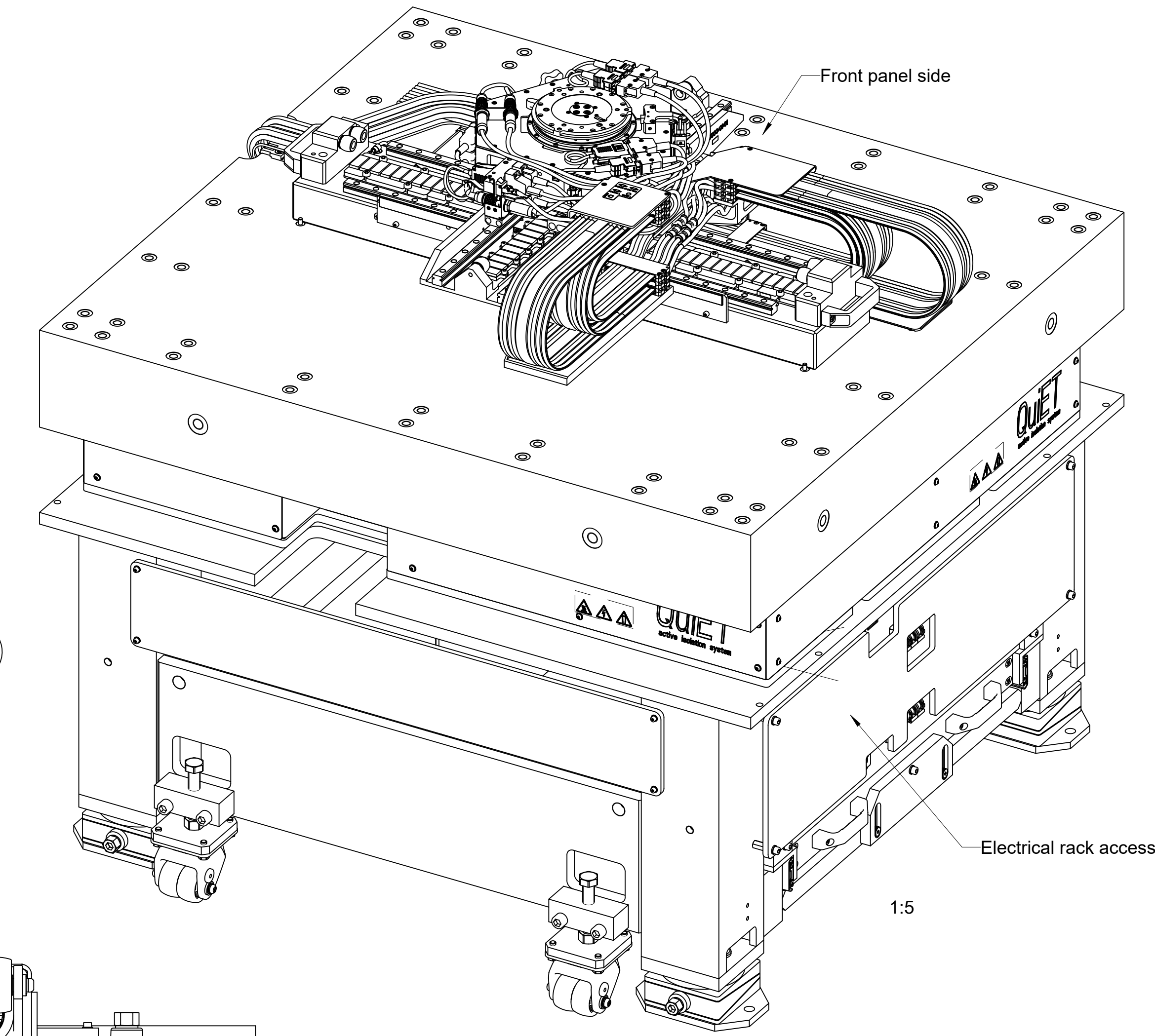
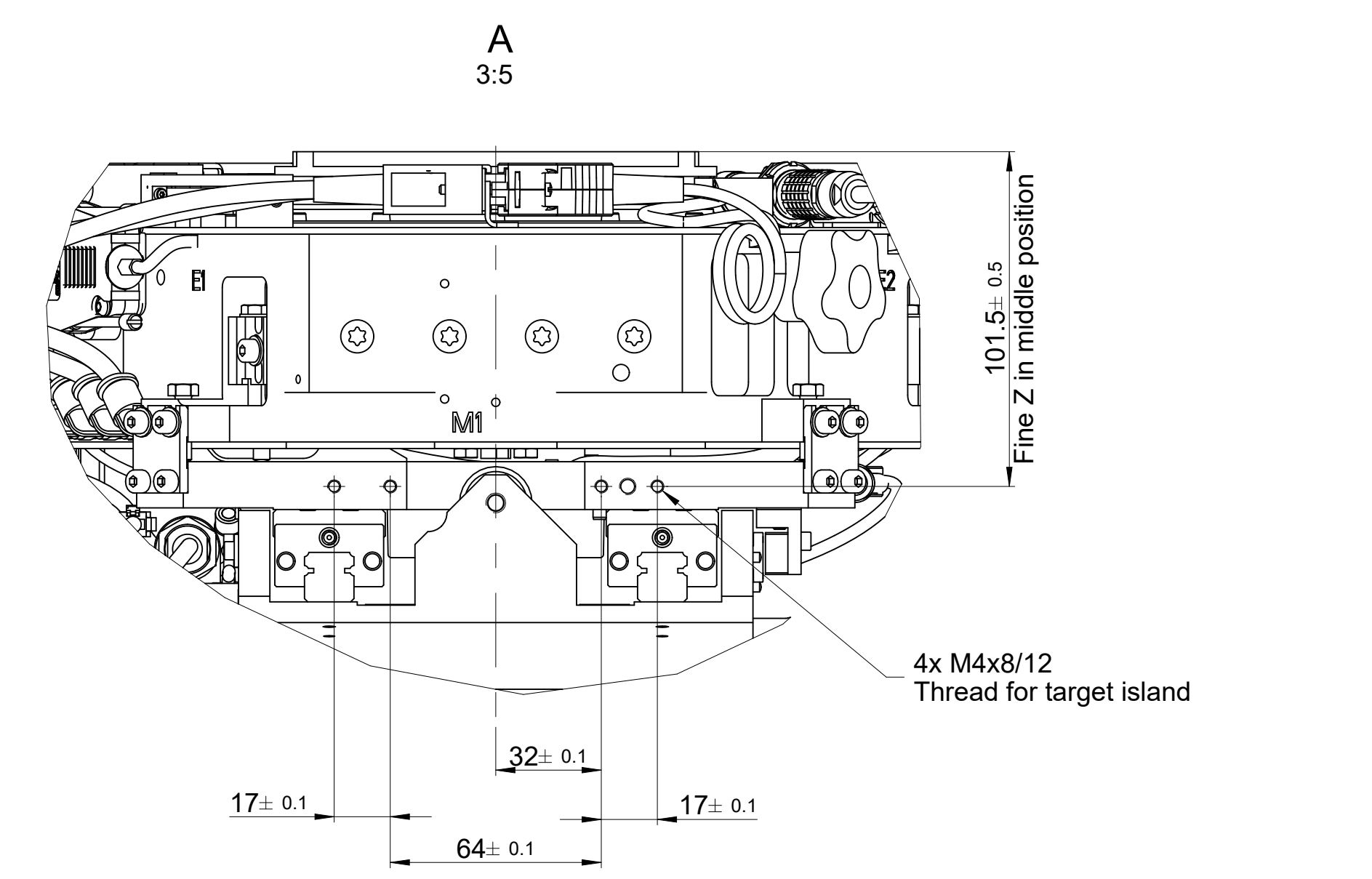
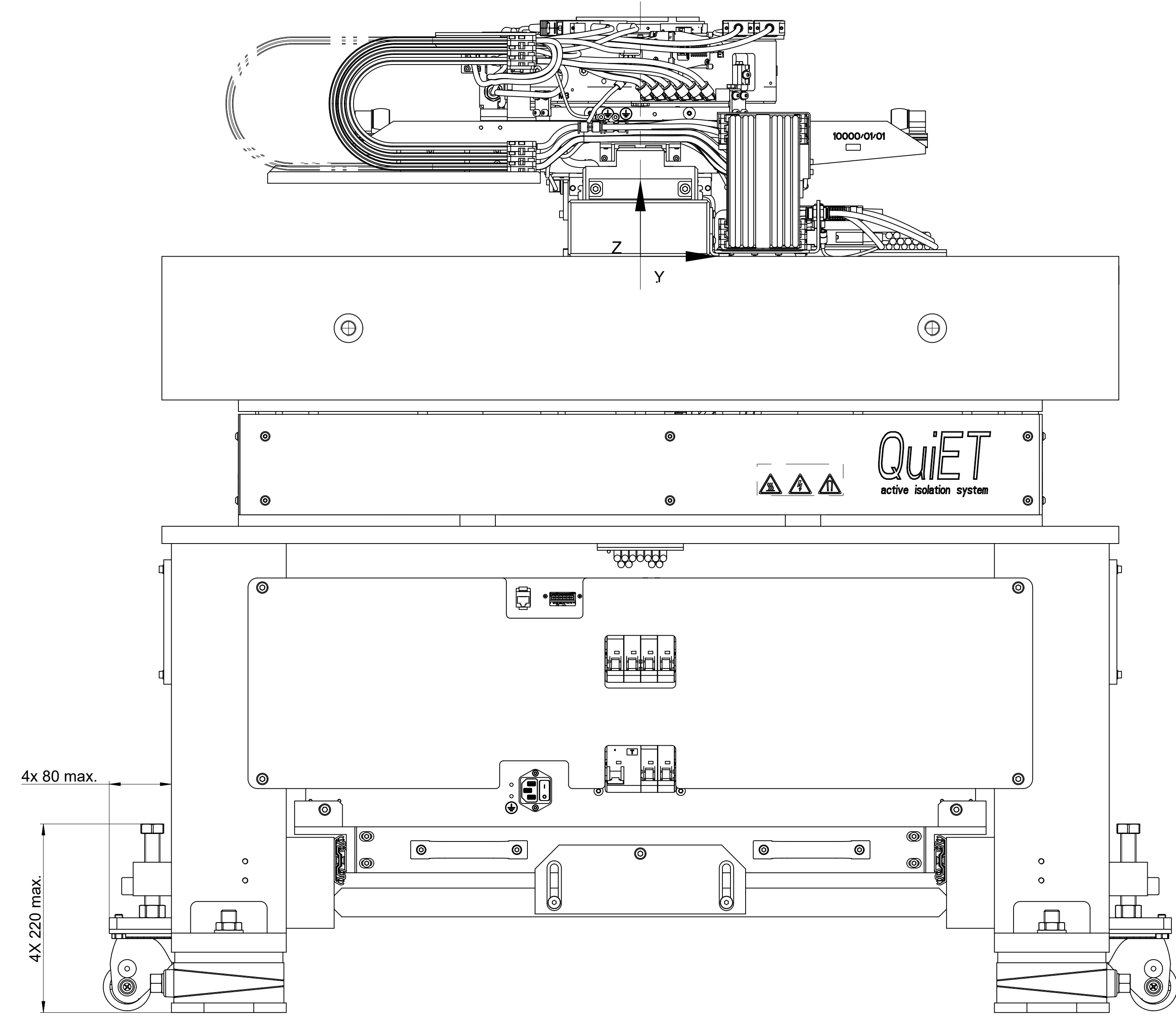
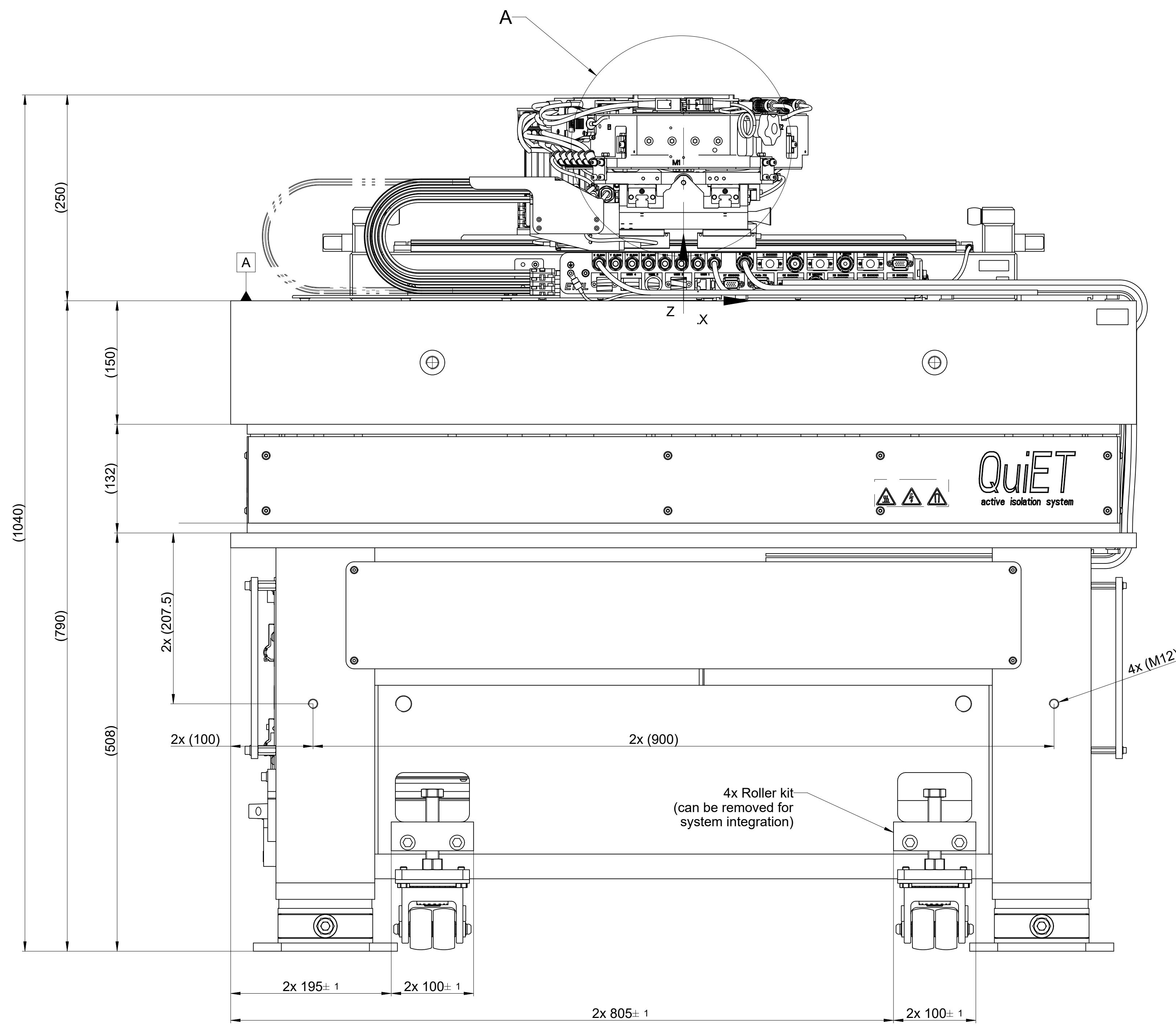


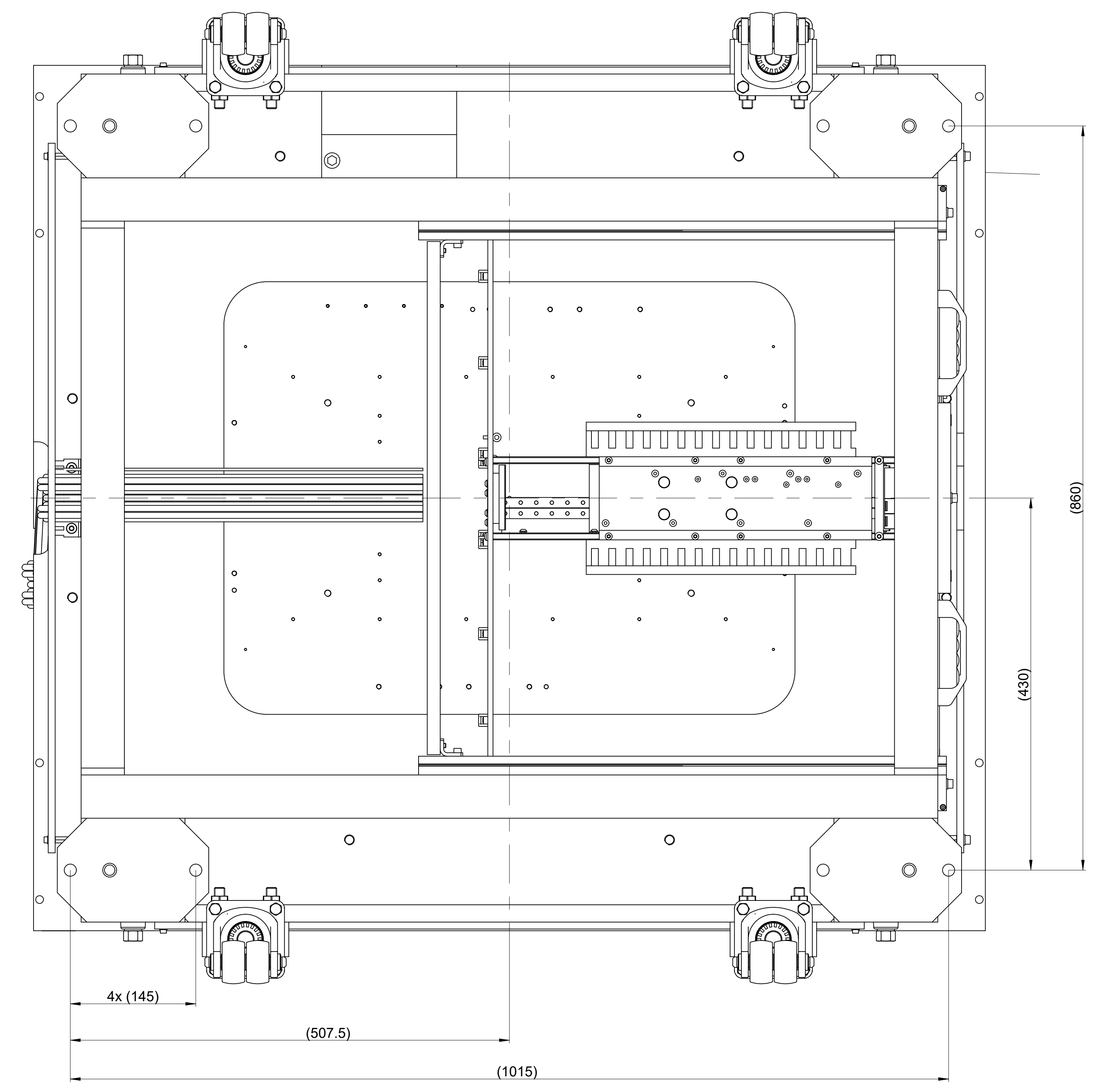
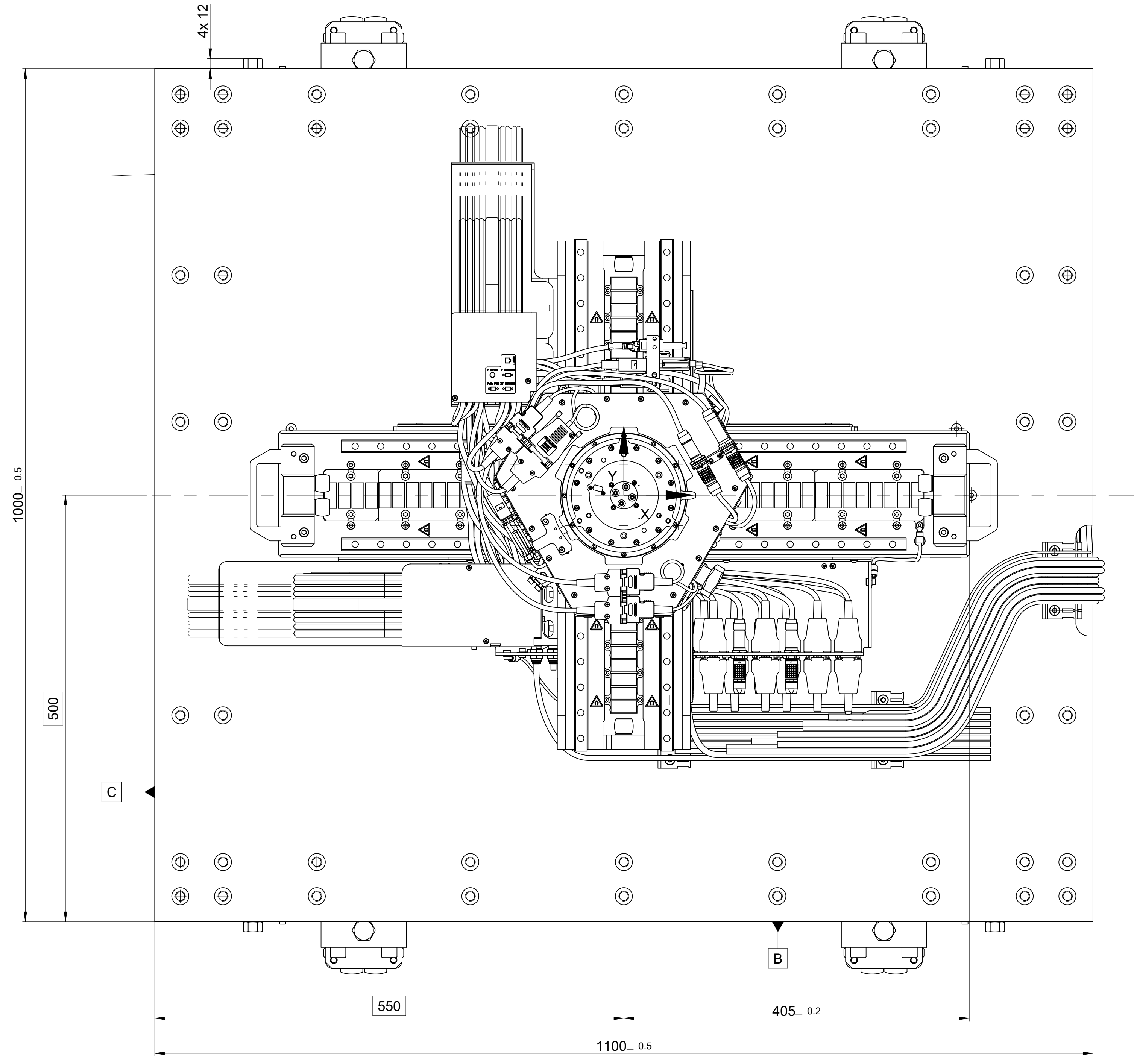
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Text:		ID number: 1390414-01
Original drawing	ASME-YGAW-07-0475-0410xx-XYZT STACKED SYSTEM	Change No. C1607346
Scale: 1 format	ASME-YGAW-07-0475-0410xx-XYZT STACKED SYSTEM	Released: 22-Sep-22
Dimensions in mm	3:10 A0	Tolerances as per ISO 8015: 2011 Tolerances series ISO 8015: 2011
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ETEL S.A. 2112 Mörsch SWITZERLAND		Version: Revision: Sheet: Page: 1390420-00-A-01 1 of 2



Stroke 475 mm  
Stroke with bumper compressed : 497mm max

Stroke 410mm min  
Stroke with bumper compressed : 434mm max

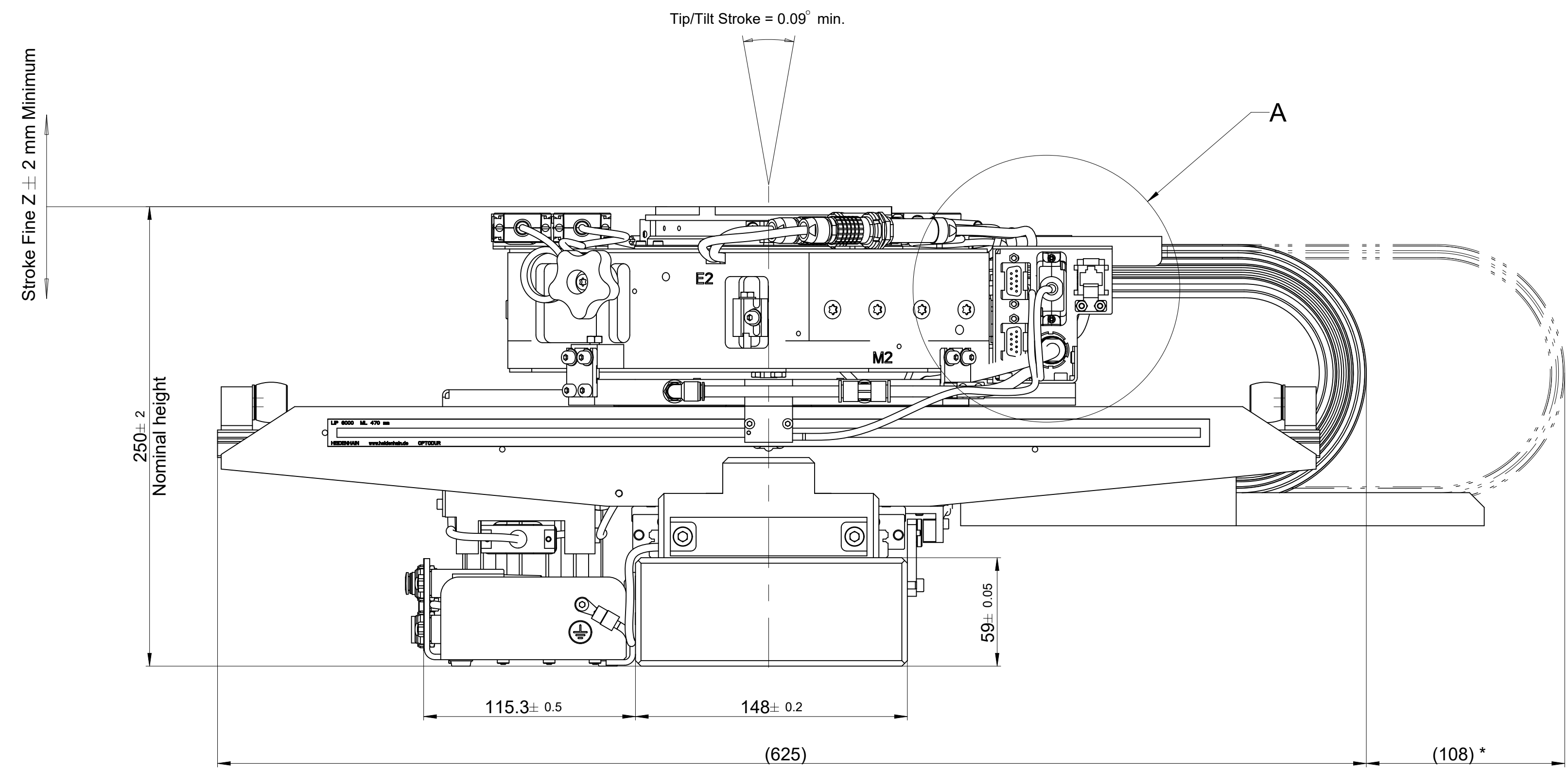


Technical approval  
Signature .....  
Date .....

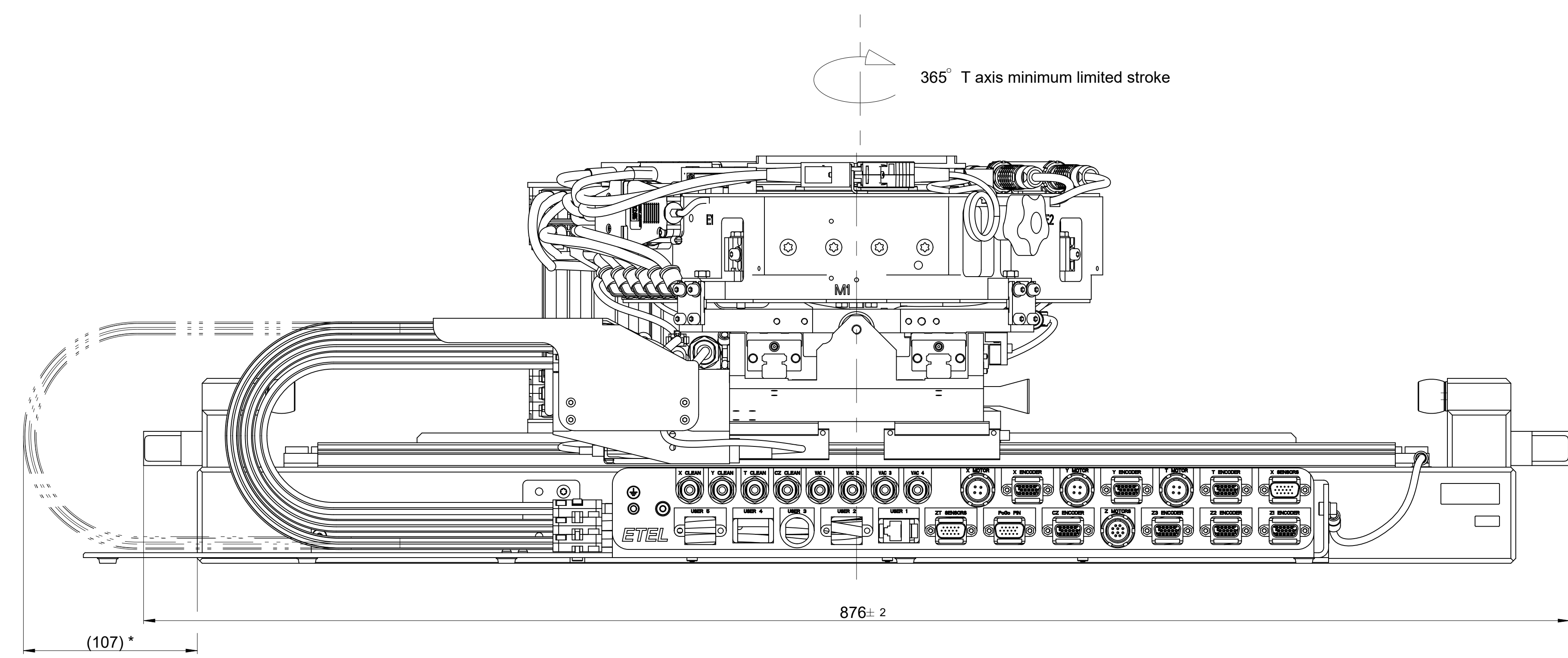
Options table	
Theta limited stroke	365°
Wobble adjustment kit	No
Vacuum kit	No Vacuum 2
Forks kit	Integrated
(Pogo pin) Connector rotative kit	No
X heat sensor	No

QuiET condition of use:  
\* Dynamic mass (Chuck, target support) : 3Kg max  
\* Static mass (Bridge, camera .....): 250 Kg ± 30  
At COG X: 0 mm  
Y: 0 mm  
Z : 250 ± 15 mm

Note: ETEL recommends to keep a clearance relative to the motion system's footprint of 60mm for accessibility and servicing purpose, the minimum acceptable clearance being 20mm

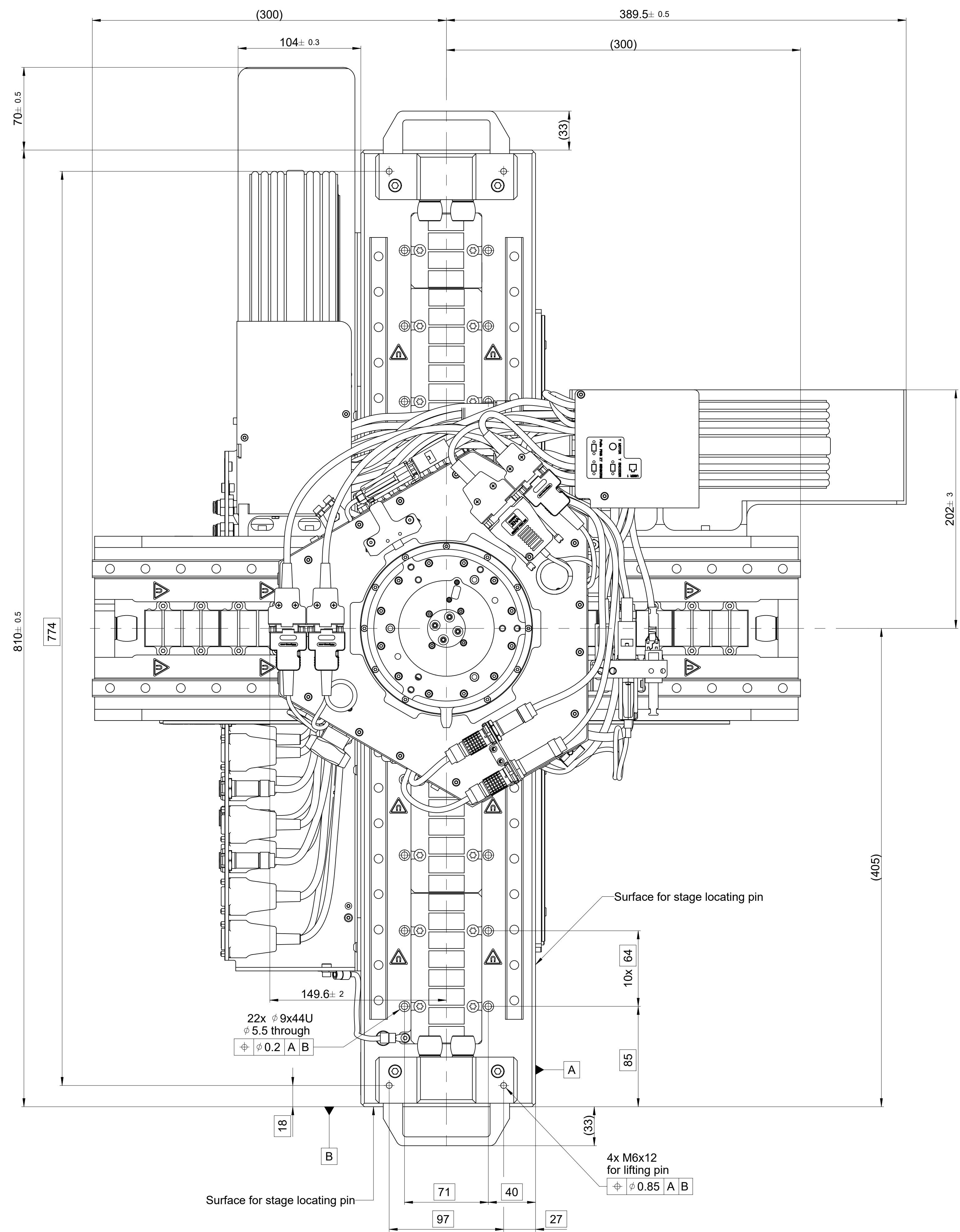


\* Dimensions with cables at the end of the strokes



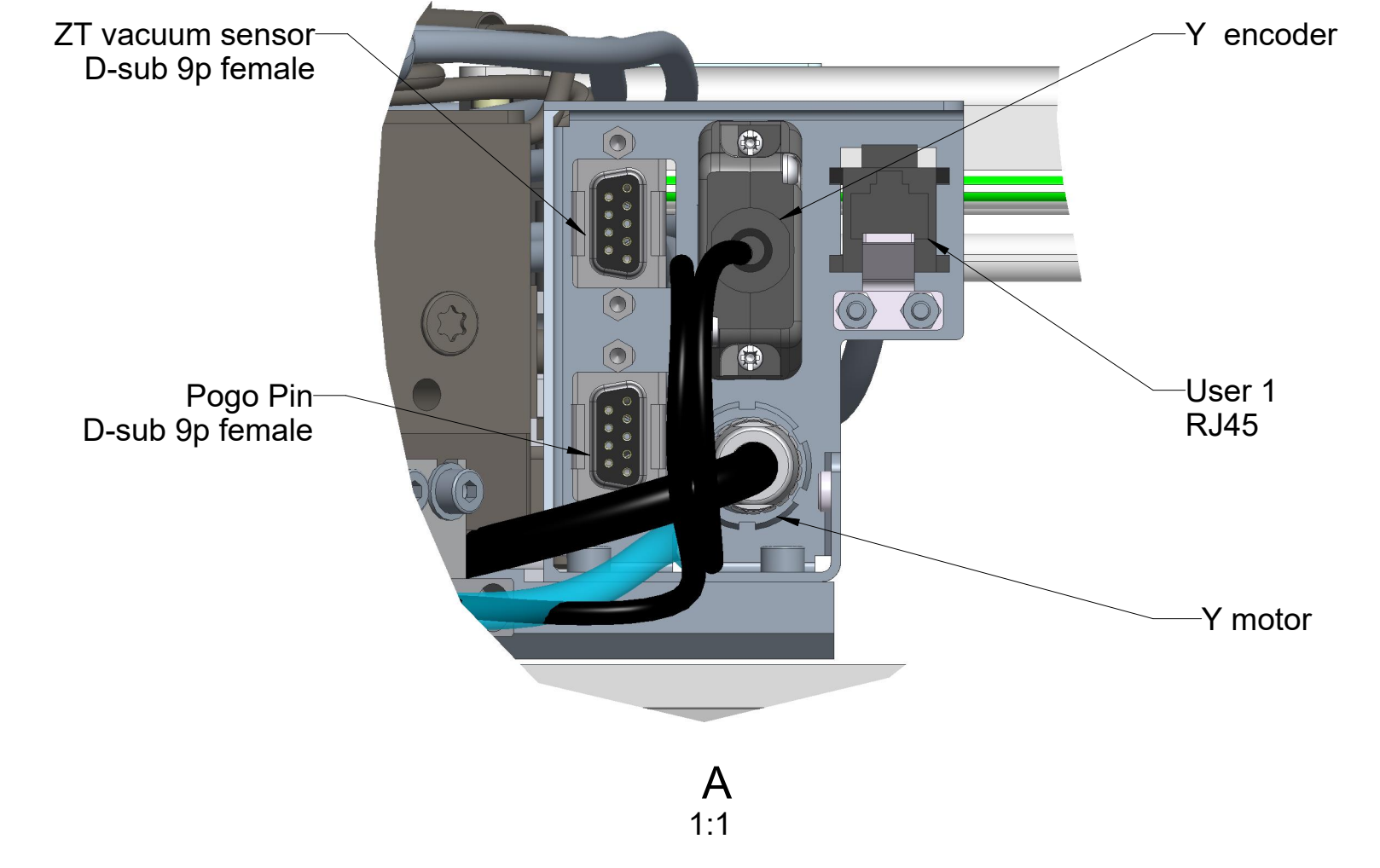
**Y AXIS**

Stroke 410mm Minimum  
(434mm when bumper compressed)

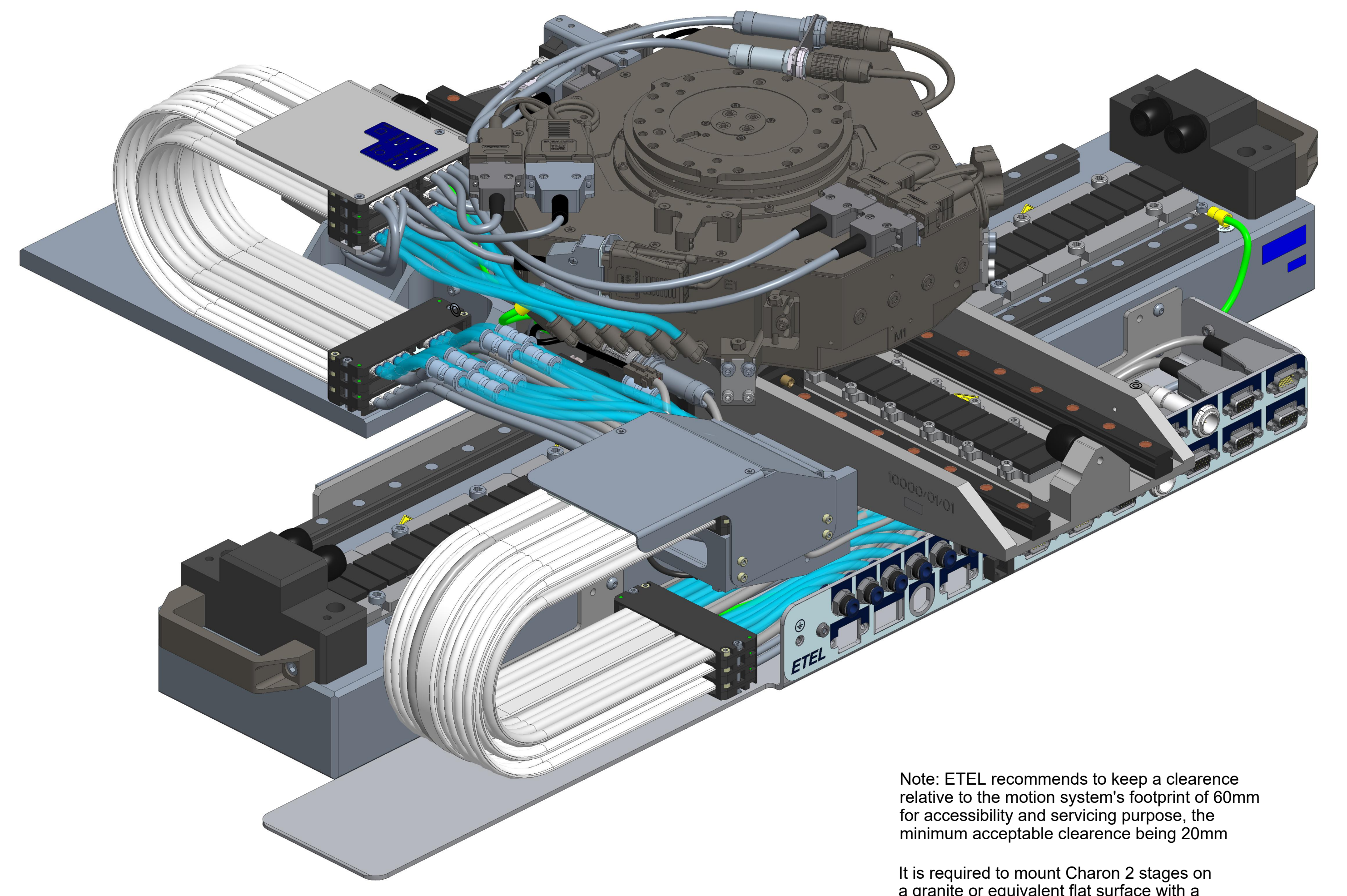
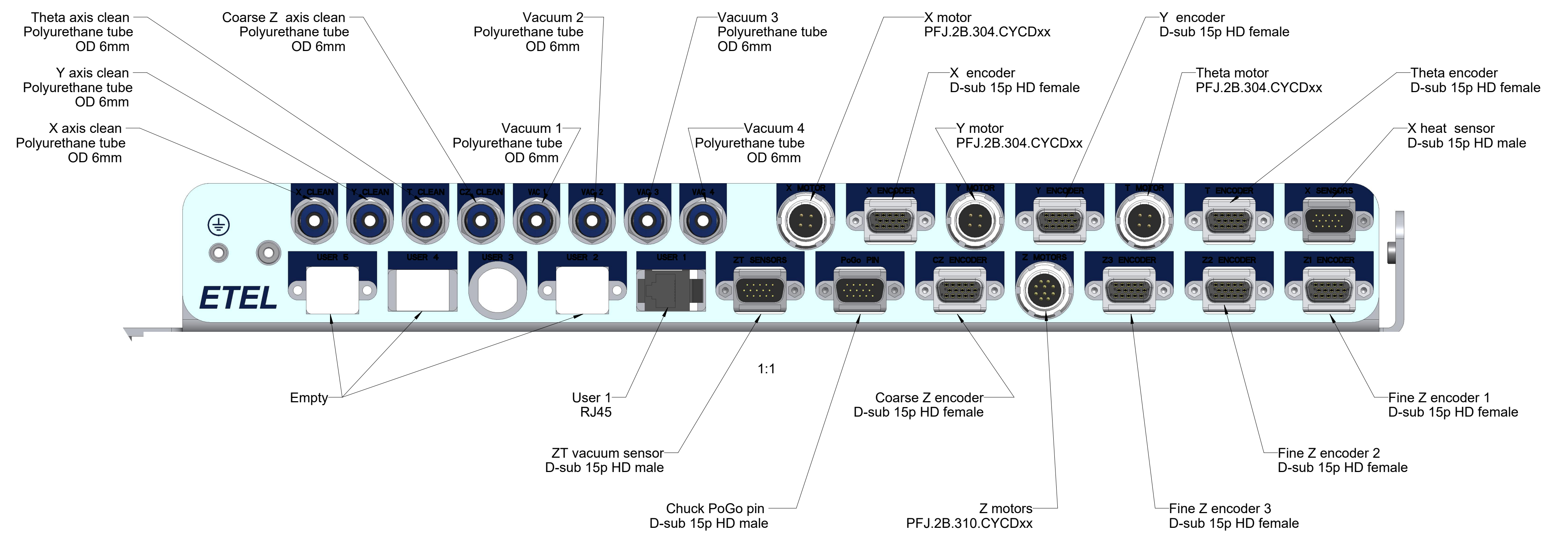


Stroke 475mm Minimum  
(497mm when bumper compressed)

**X AXIS**



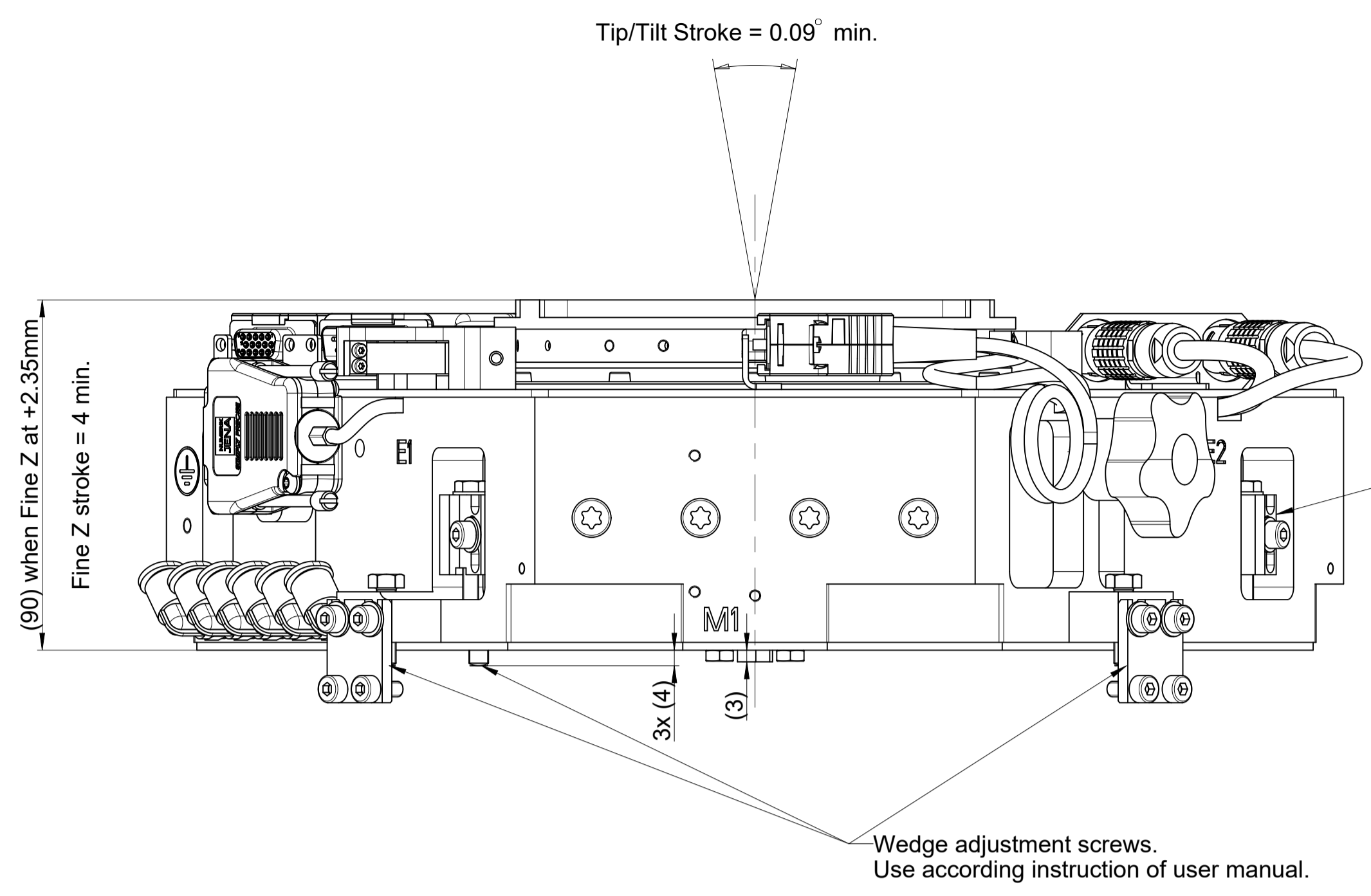
**Front panel connections**



Note: ETEL recommends to keep a clearance relative to the motion system's footprint of 60mm for accessibility and servicing purpose, the minimum acceptable clearance being 20mm

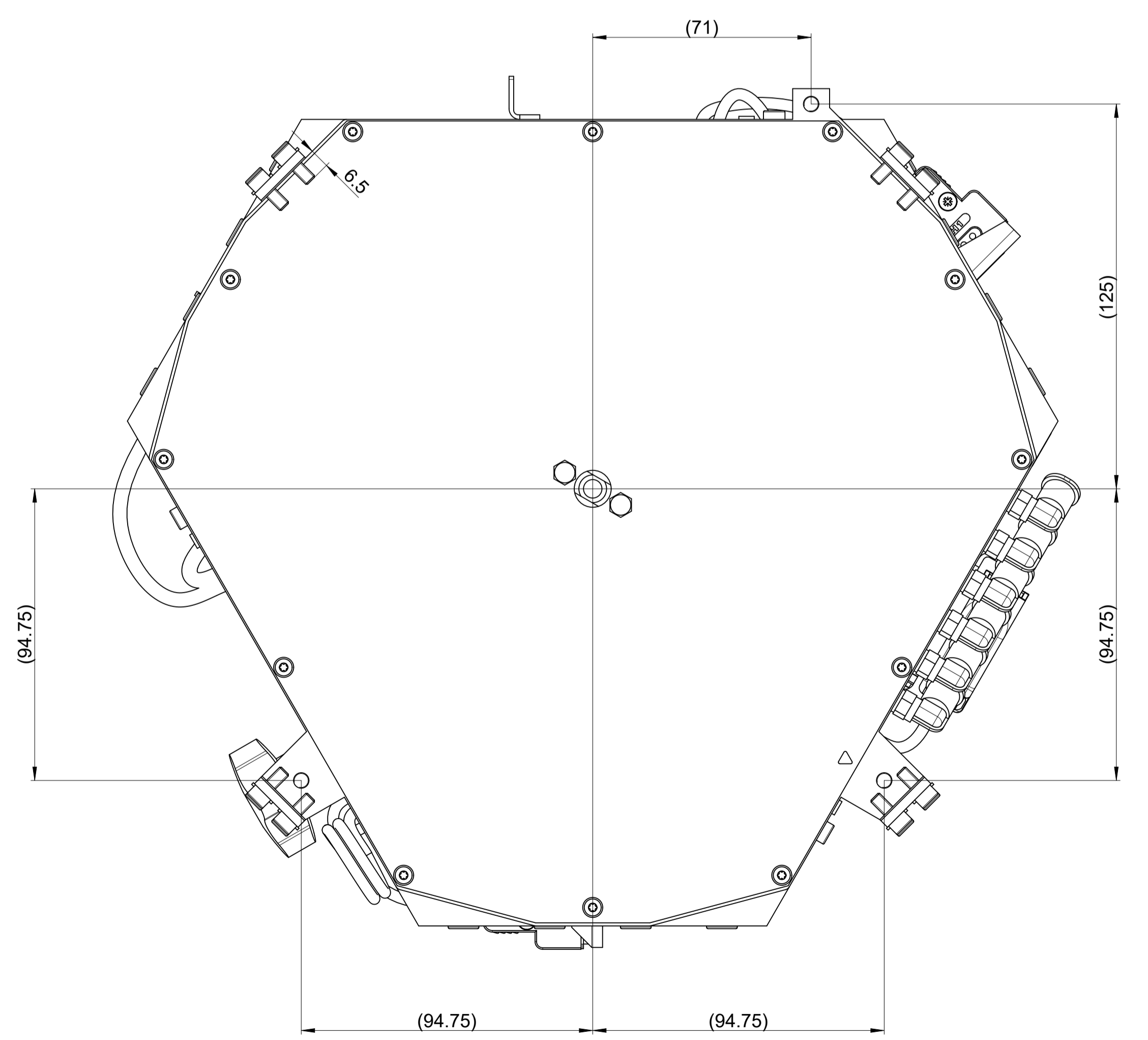
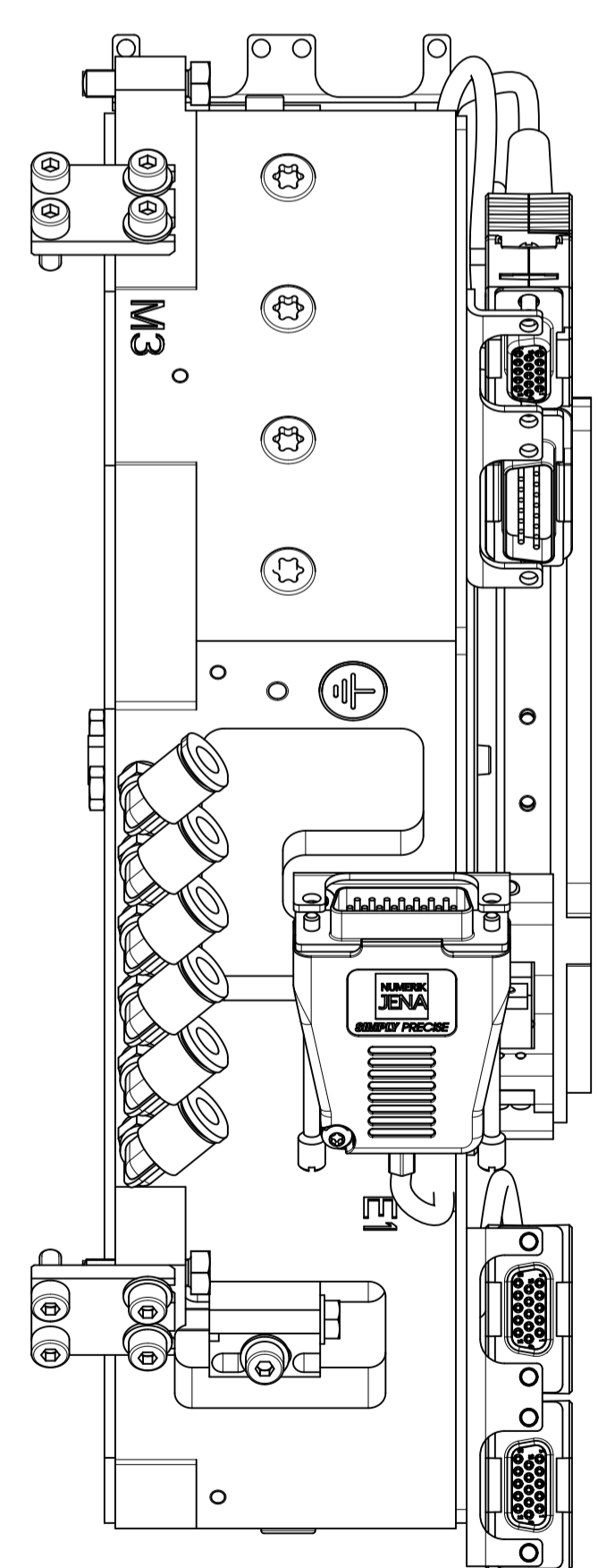
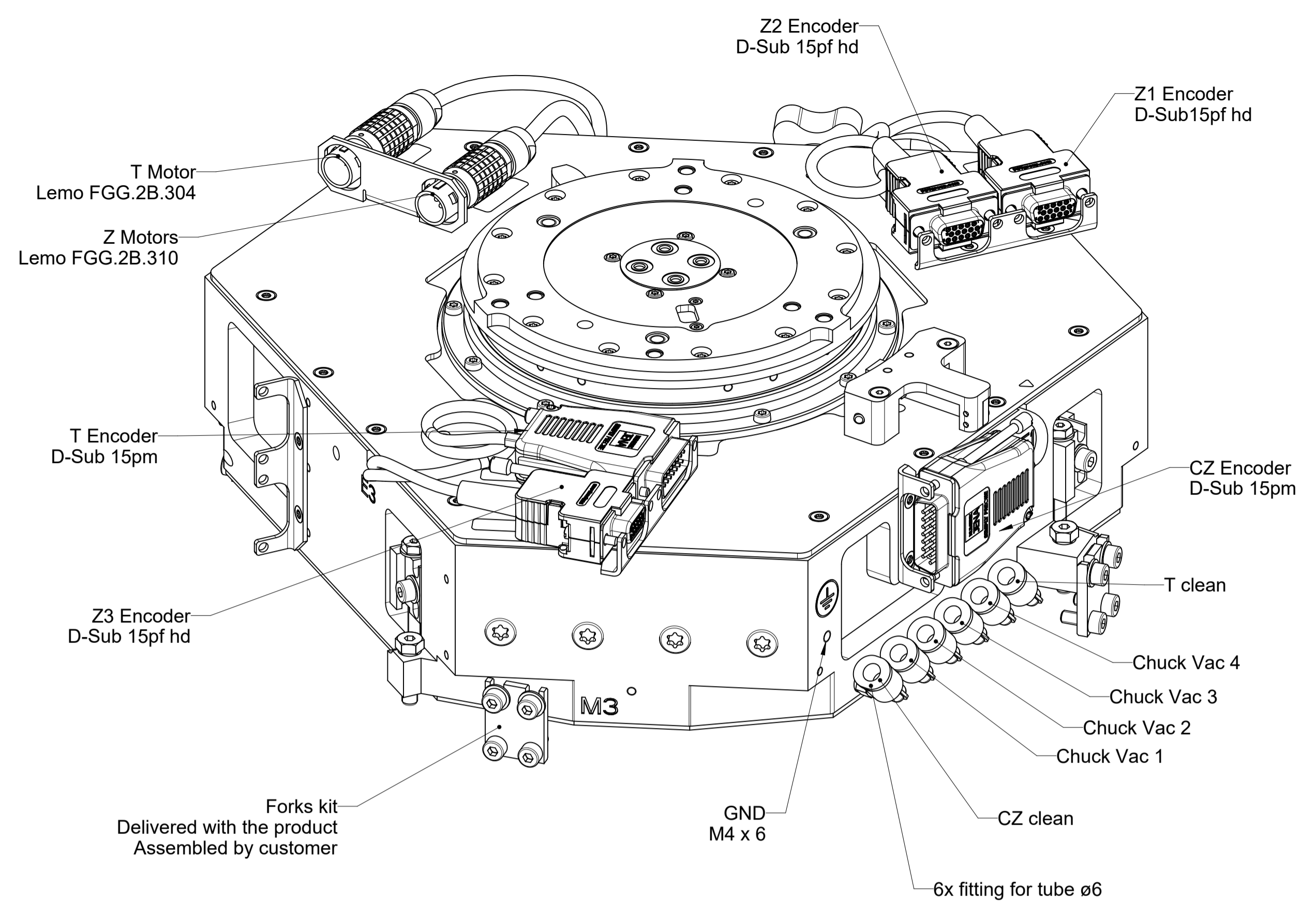
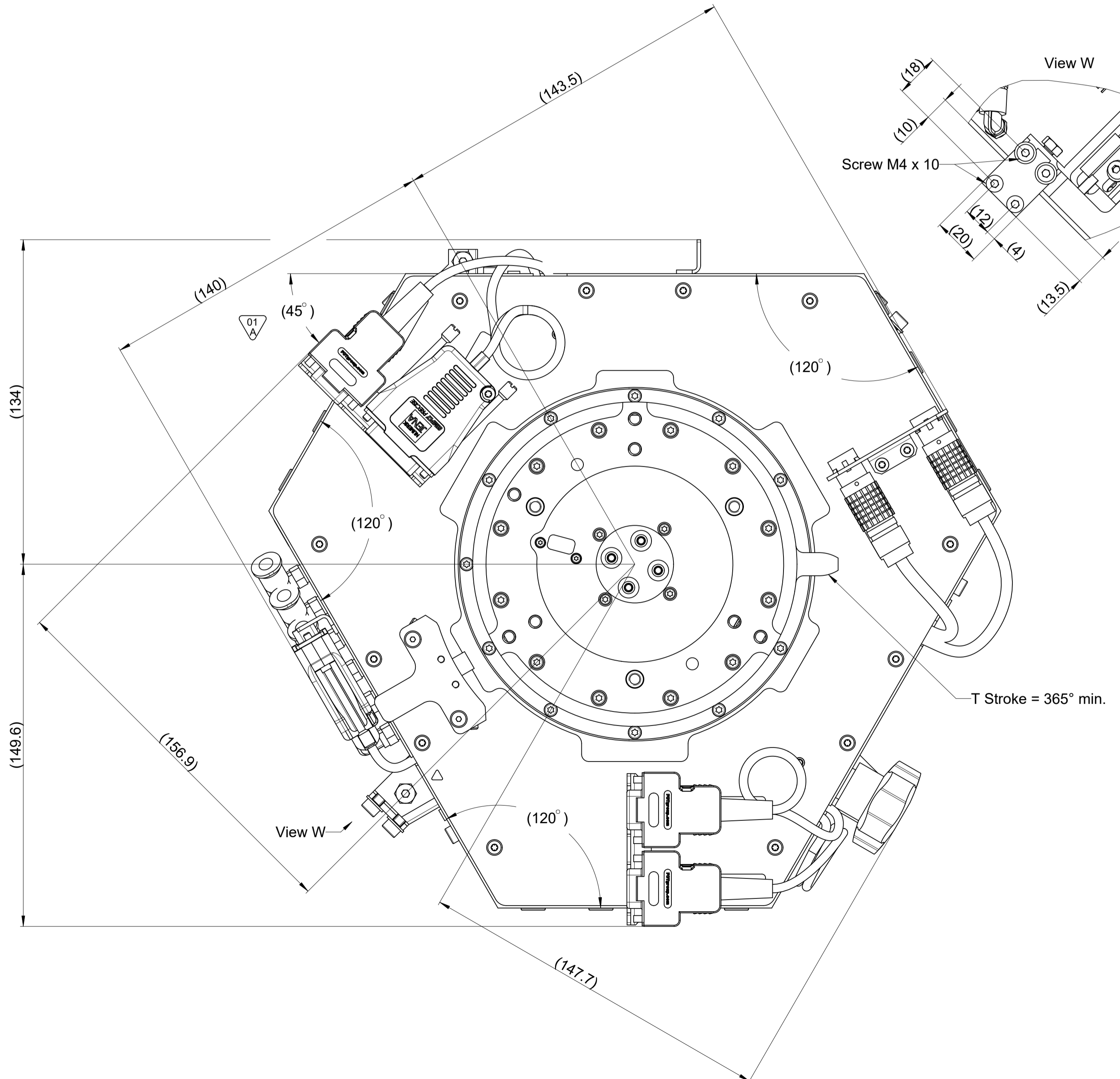
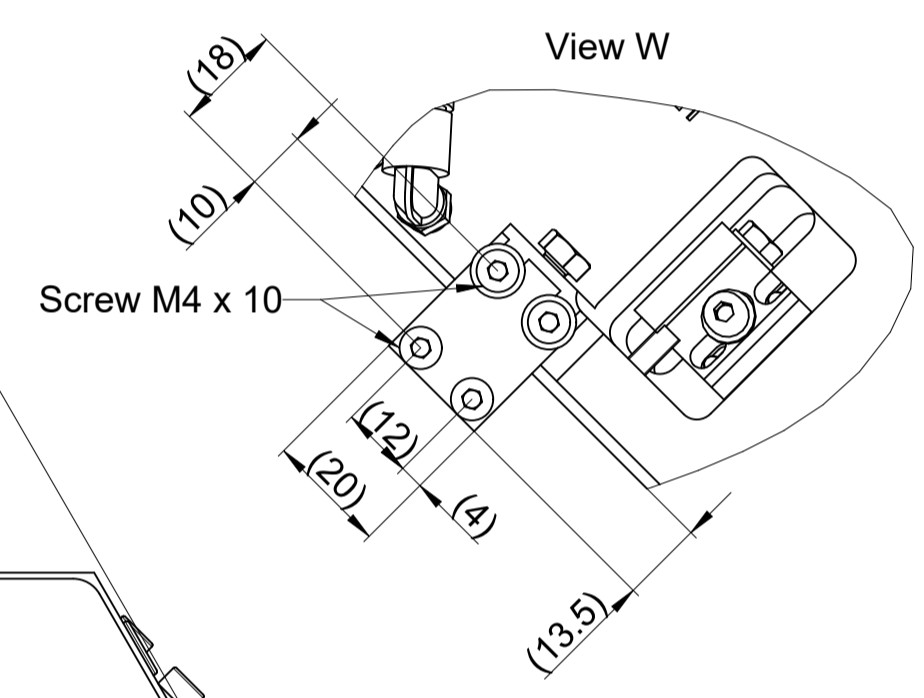
It is required to mount Charon 2 stages on a granite or equivalent flat surface with a flatness inferior or equal to 3 microns

Options table	
Theta limited stroke	365°
Wobble adjustment kit	No
Vacuum kit	No Vacuum 2
Forks kit	Integrated
(Pogo pin) Connector rotative kit	No

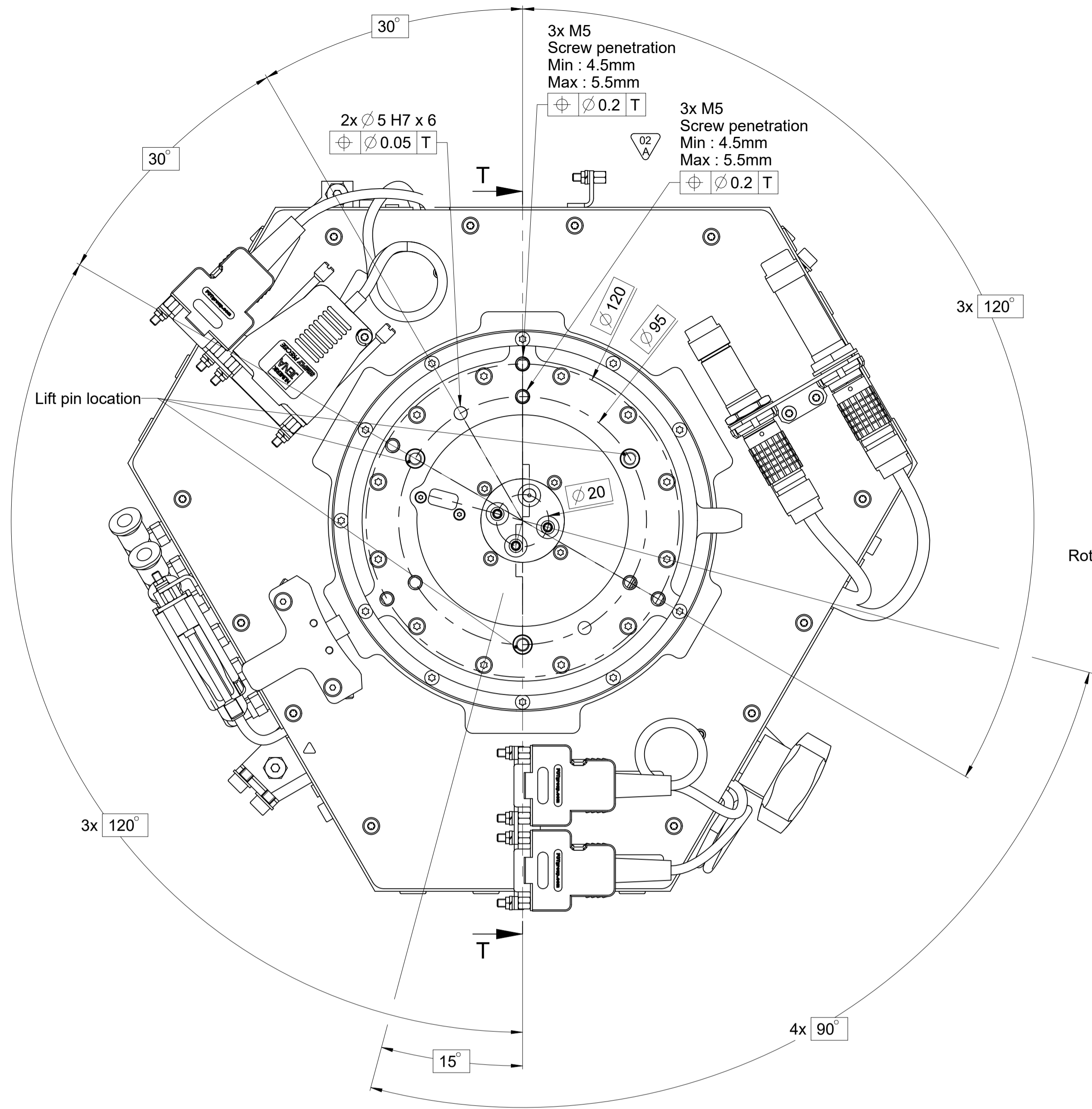


Fine Z top hardstop adjustment system.  
Use according instruction of user manual.

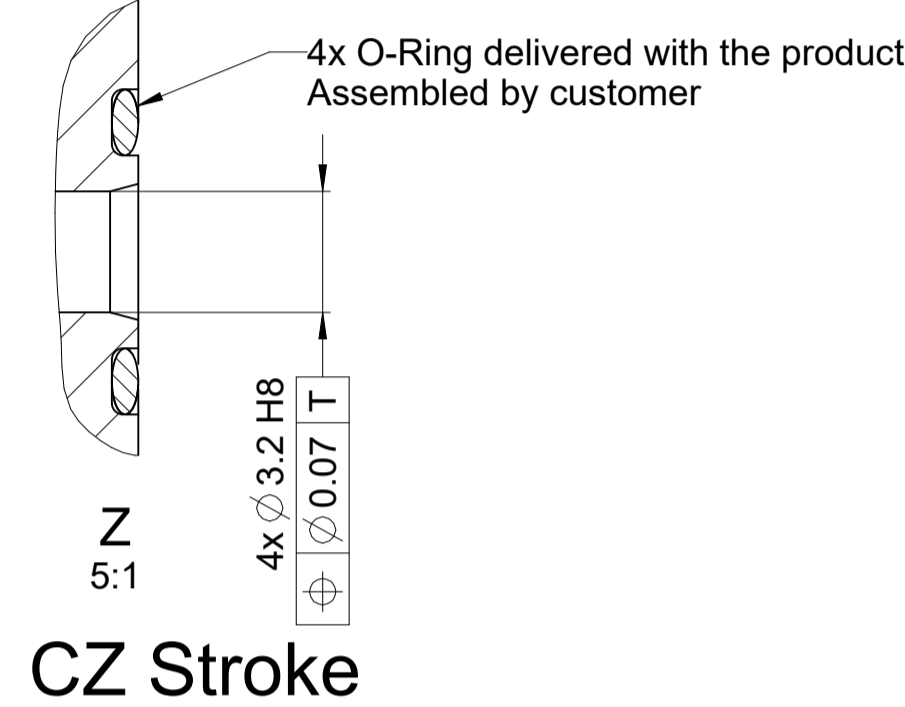
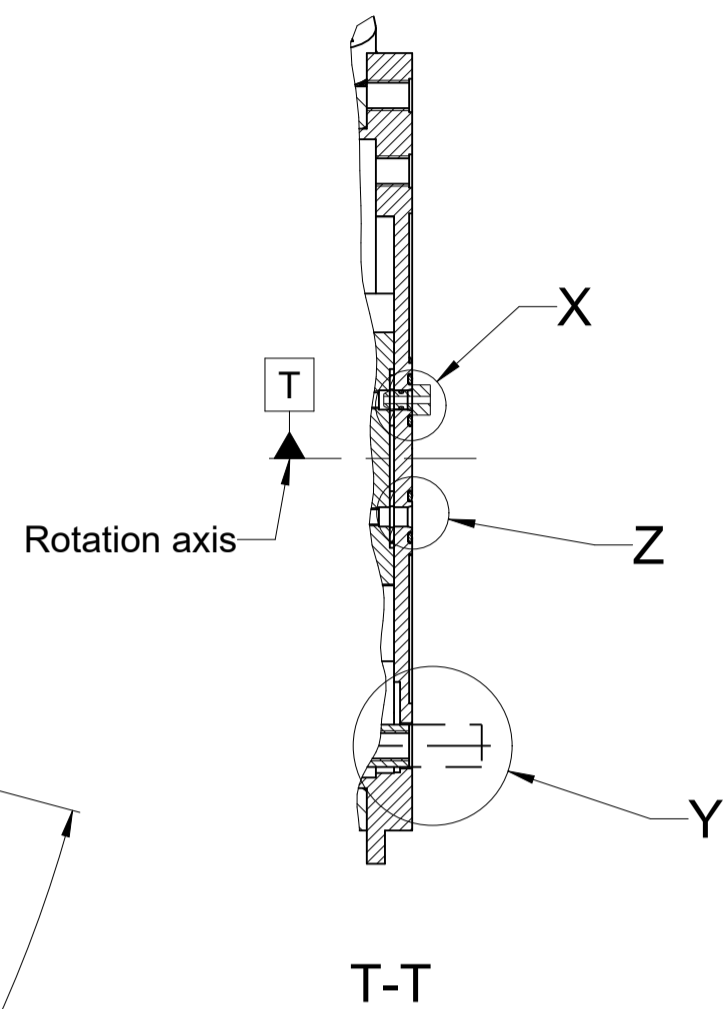
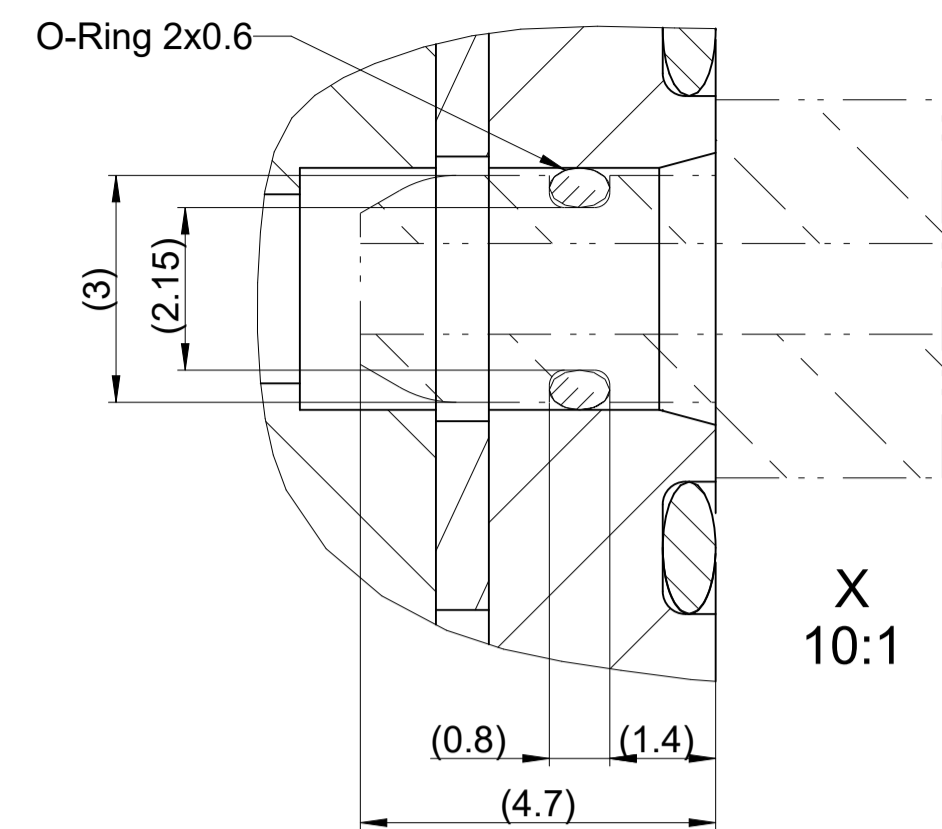
Wedge adjustment screws.  
Use according instruction of user manual.



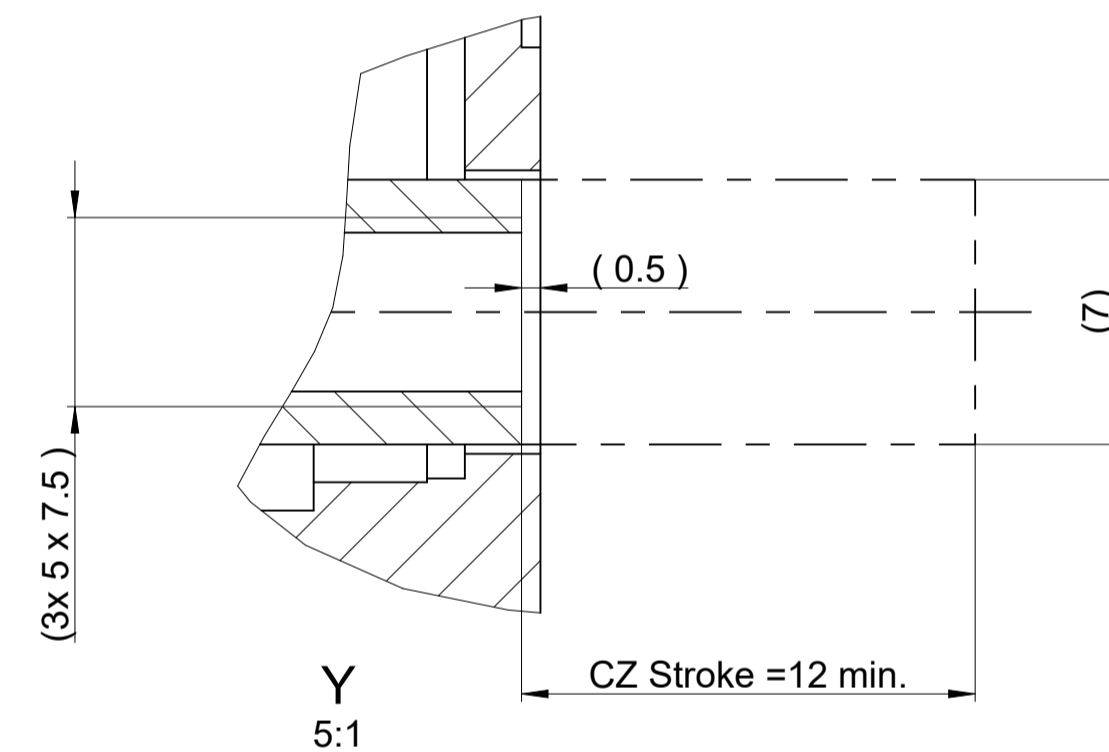
Text: Add note : Screw penetration		ID number: 1324806-
Original drawing		Change No. C139467-10
Scale 4:5		Released: 17-Jun-22
Format A1		Tolerances as per ISO 8015 : 2011
Dimensions in mm		Tolerances selon ISO 8015 : 2011
		Dimensions without tolerance
		Dimensions sans tolérances
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<b>ETEL</b> ETEL S.A. 2112 Möllers SWITZERLAND		Version   Revision   Sheet   Page 1326462-02 - A-01   1 of 3 Document number



Customer fitting or part of chuck

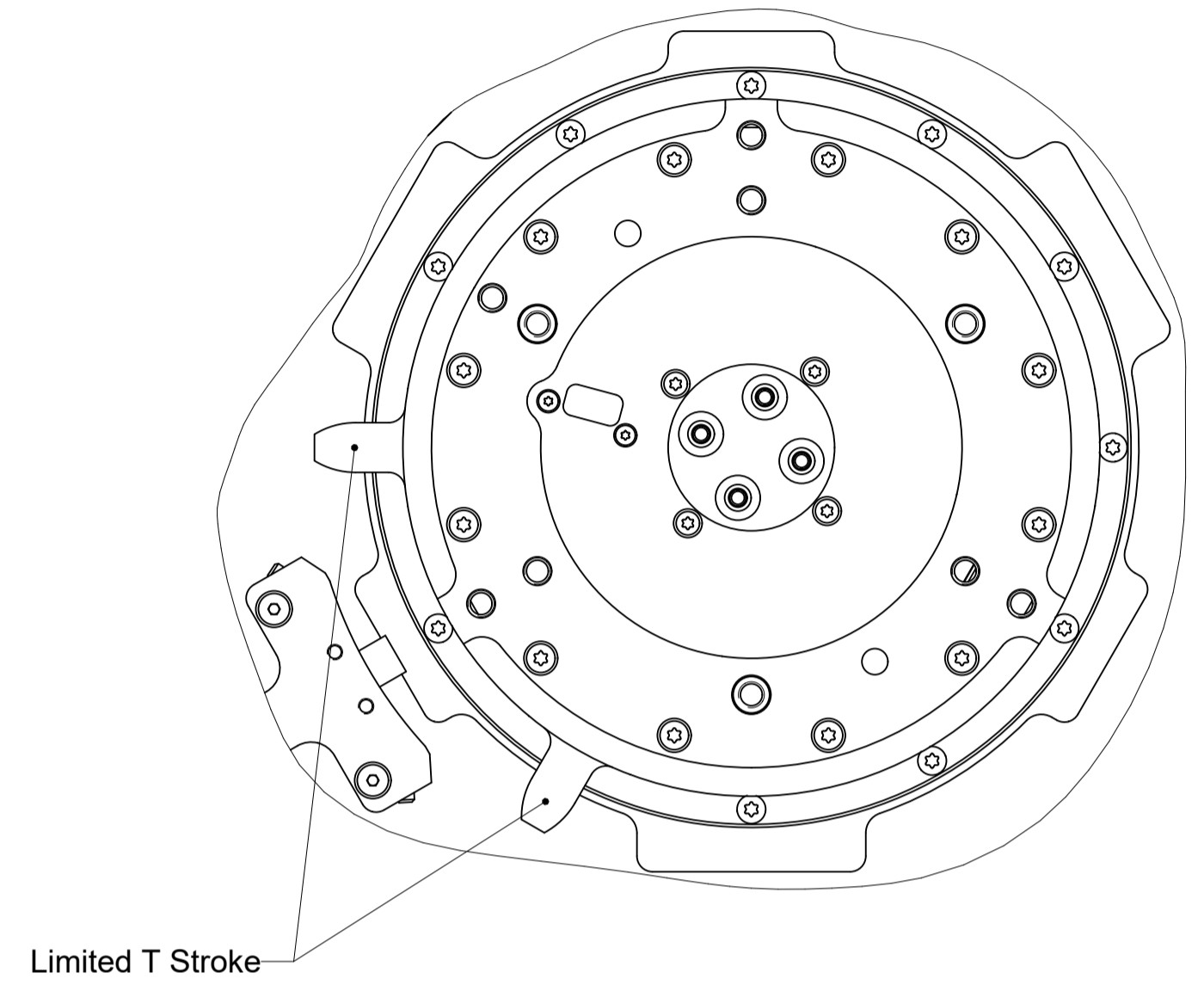


CZ Stroke

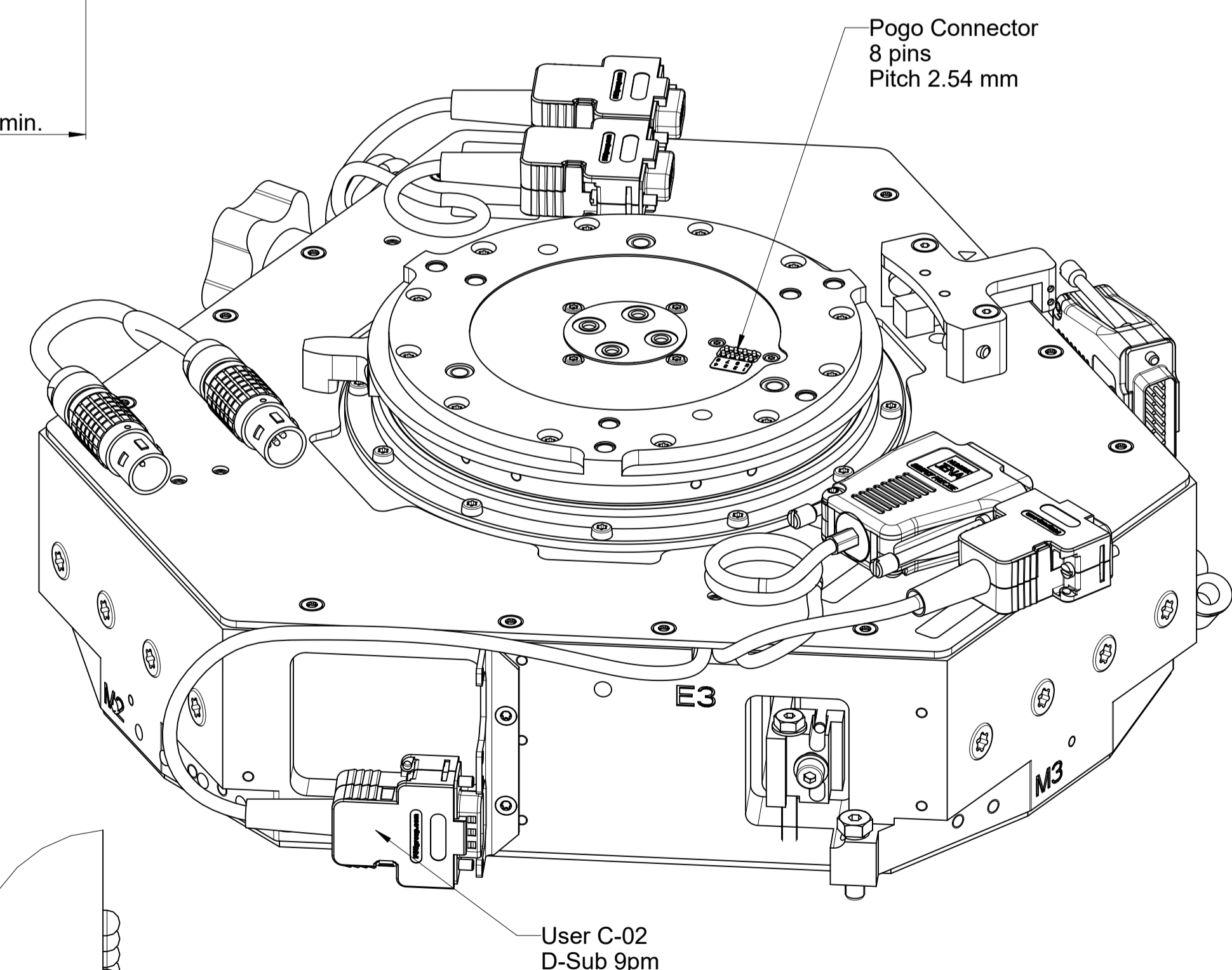
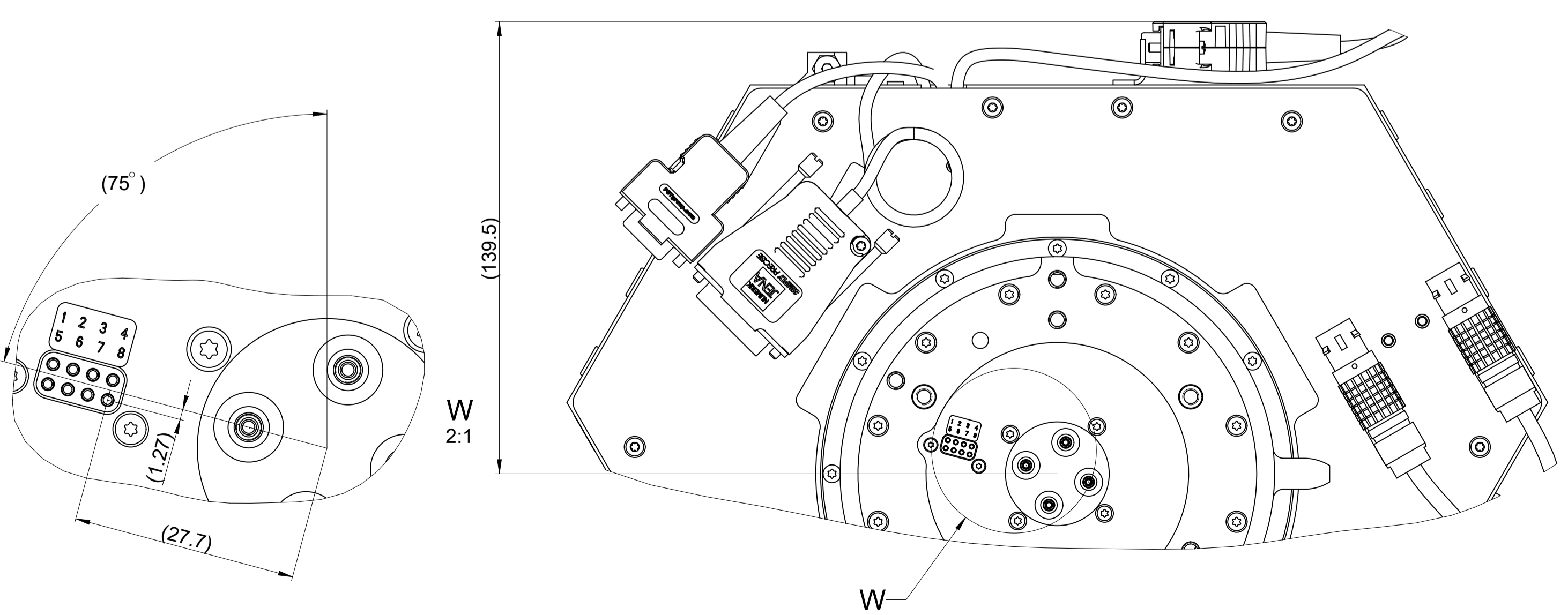


T Stroke limited

- Option 65° min.
- Option 125° min.
- Option 185° min.
- Option 245° min.
- Option 305° min.

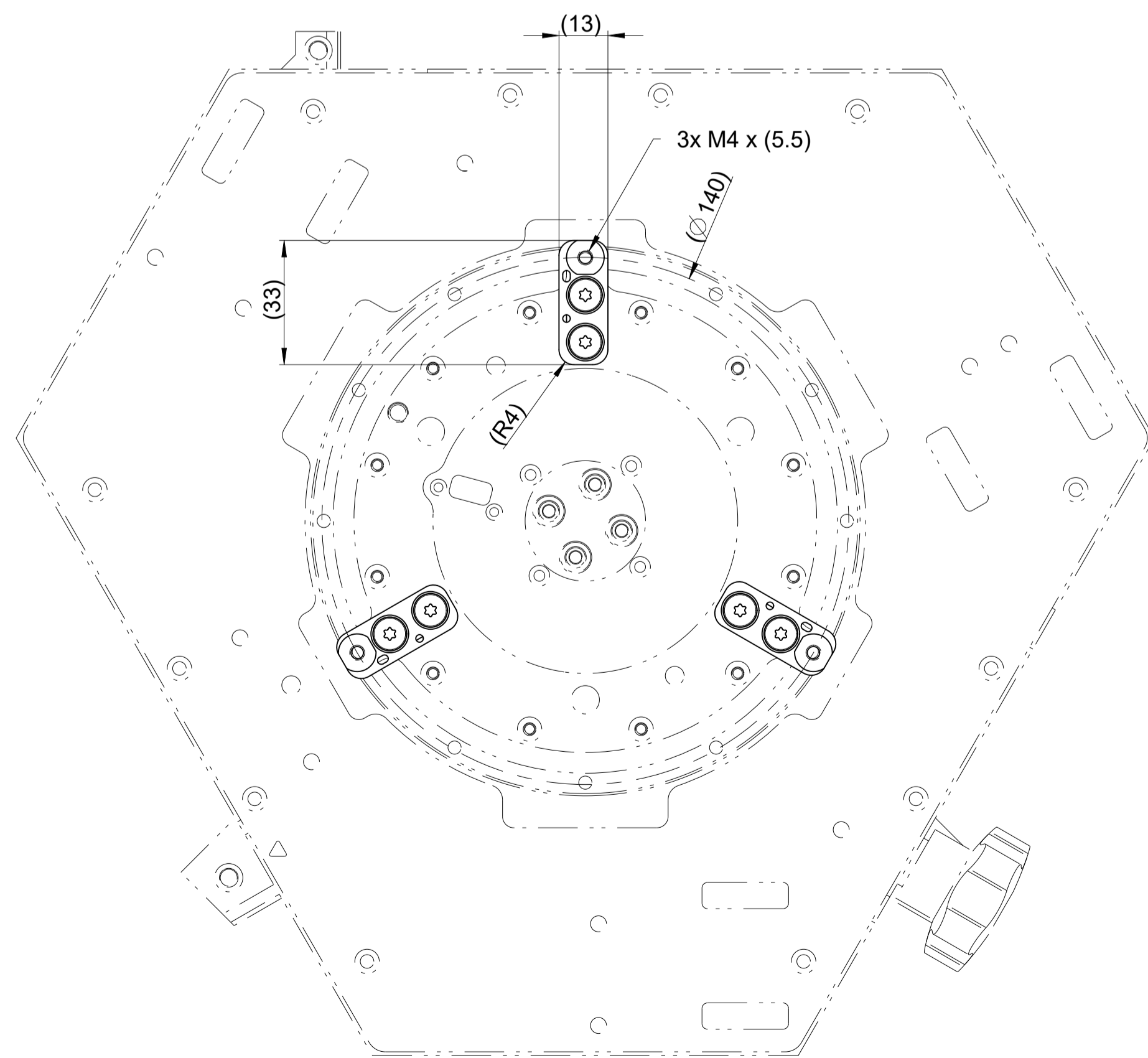
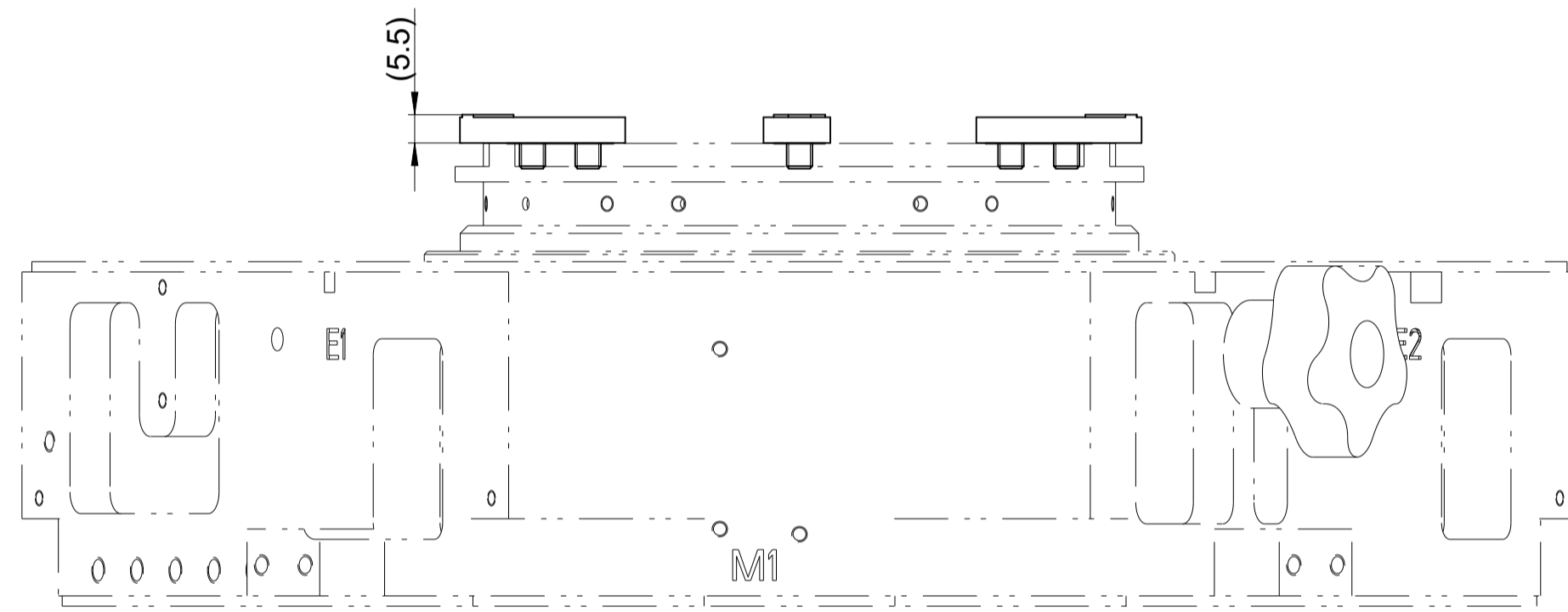
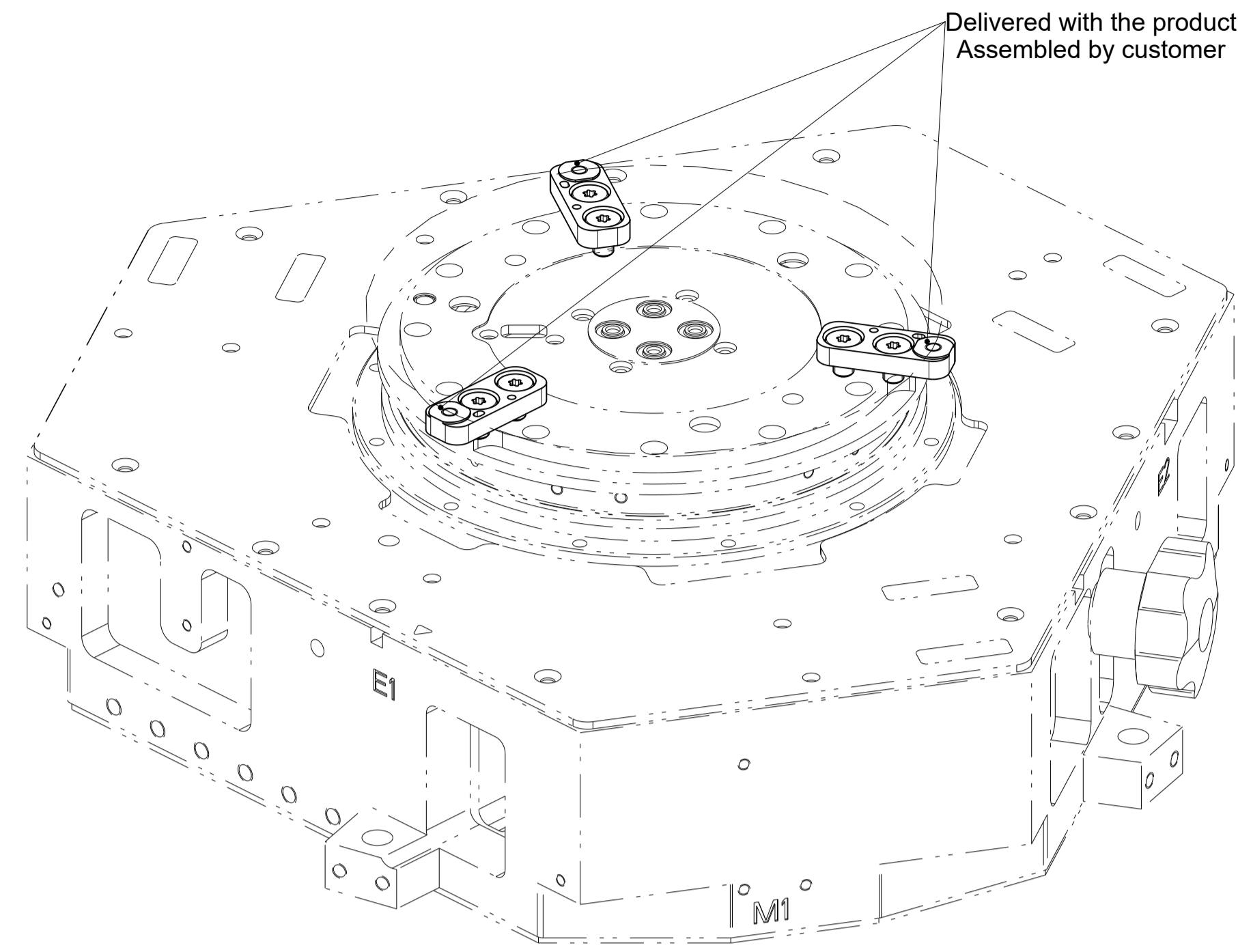


Pogo Connector 8 Pins on rotative part

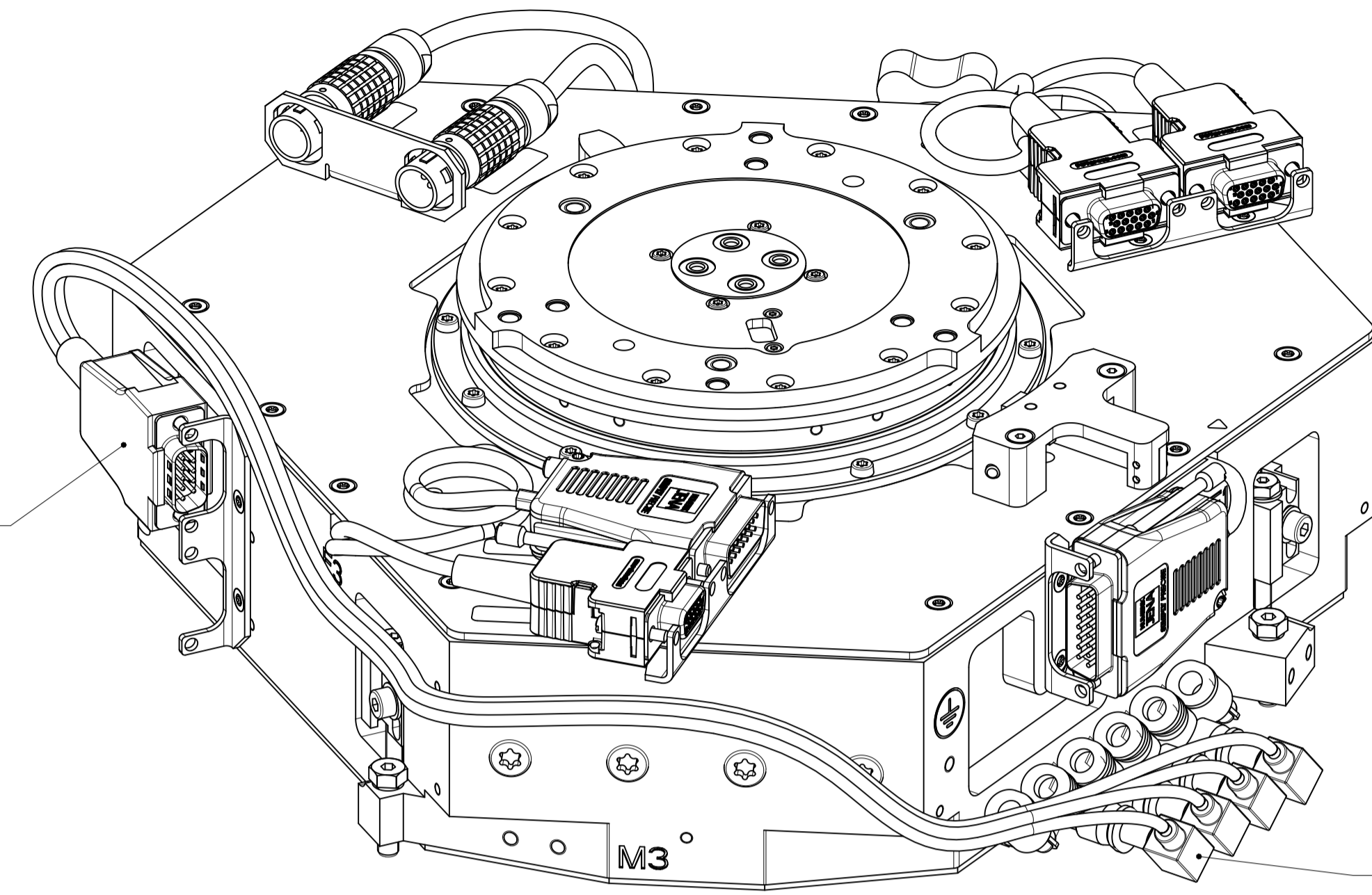


Text: Add note: Screw penetration			ID number: 1324806-
Original drawing			Change No. C139467-10
Scale: 4:5			Released: 17-Jun-22
Format: A1			Tolerances as per ISO 8015: 2011
Dimensions in mm			Tolerances selon ISO 8015: 2011
Mating Dimensions / Cotes d'encastrement			Dimensions without tolerance
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<b>ETEL</b> ETEL S.A. 2112 Möllers SWITZERLAND			Version   Revision   Sheet   Page
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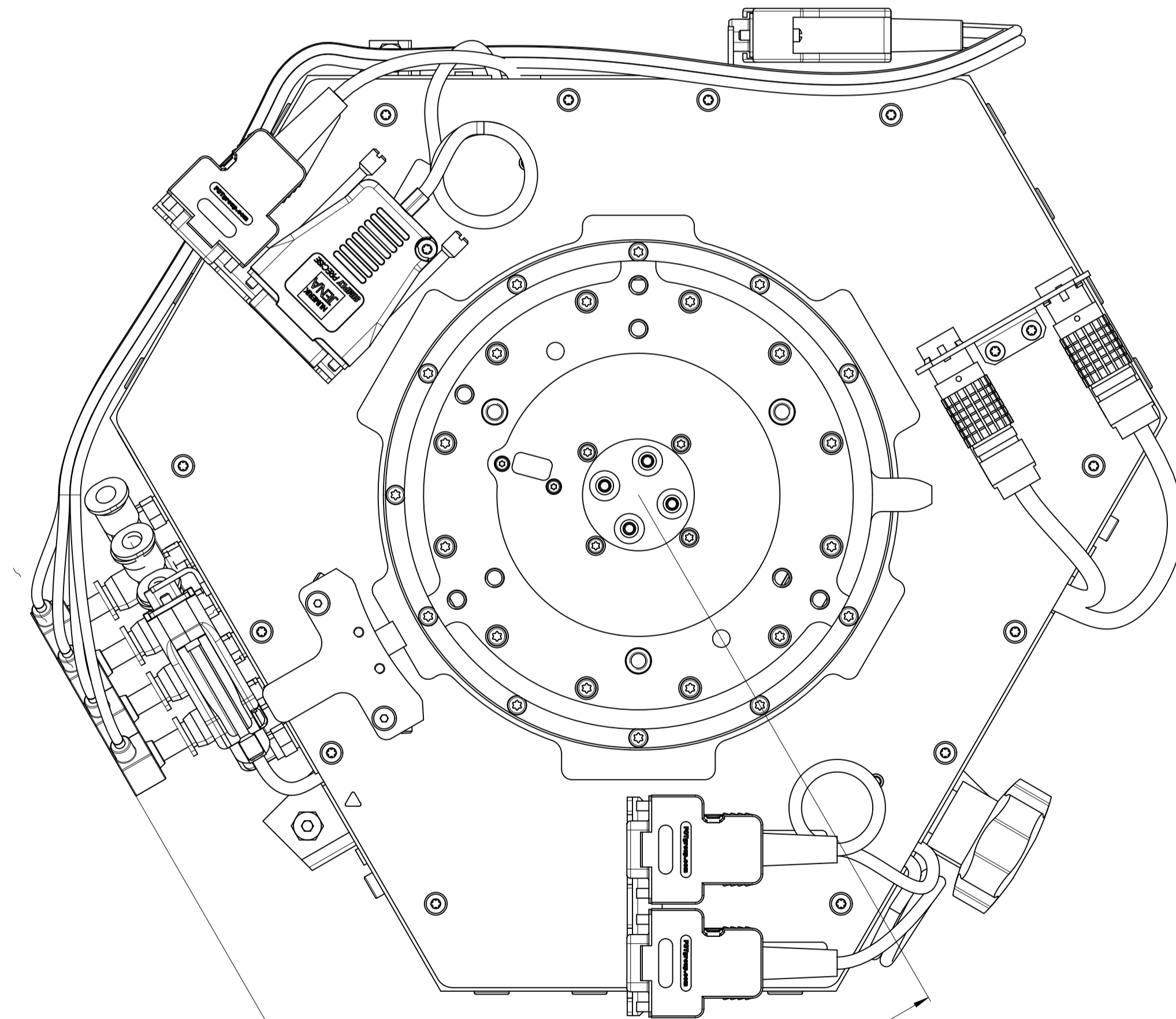
# Wobble adjustment kit



# Vacuum 2



4x Vacuum sensors for :  
 Chuck Vac 1  
 Chuck Vac 2  
 Chuck Vac 3  
 Chuck Vac 4



Text: Add note : Screw penetration		ID number: 1324806-
Change No. C139467-10		Released: 17-Jun-22
Multi axis system Z3TM+ Système multi-axes Z3TM+ Mating Dimensions / Coles d'encrochement		Tolerances as per ISO 8015 : 2011 Tolérances selon ISO 8015 : 2011 Dimensions without tolerance Dimensions sans tolérances
Original drawing Scale: 4:5 Format: A1	Version   Revision   Sheet   Page ETEL S.A. 2112 Möllers SWITZERLAND	
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