

Technical drawing of the YUASA YUS-1000 system, showing front and side views with dimensions.

Front View Dimensions:

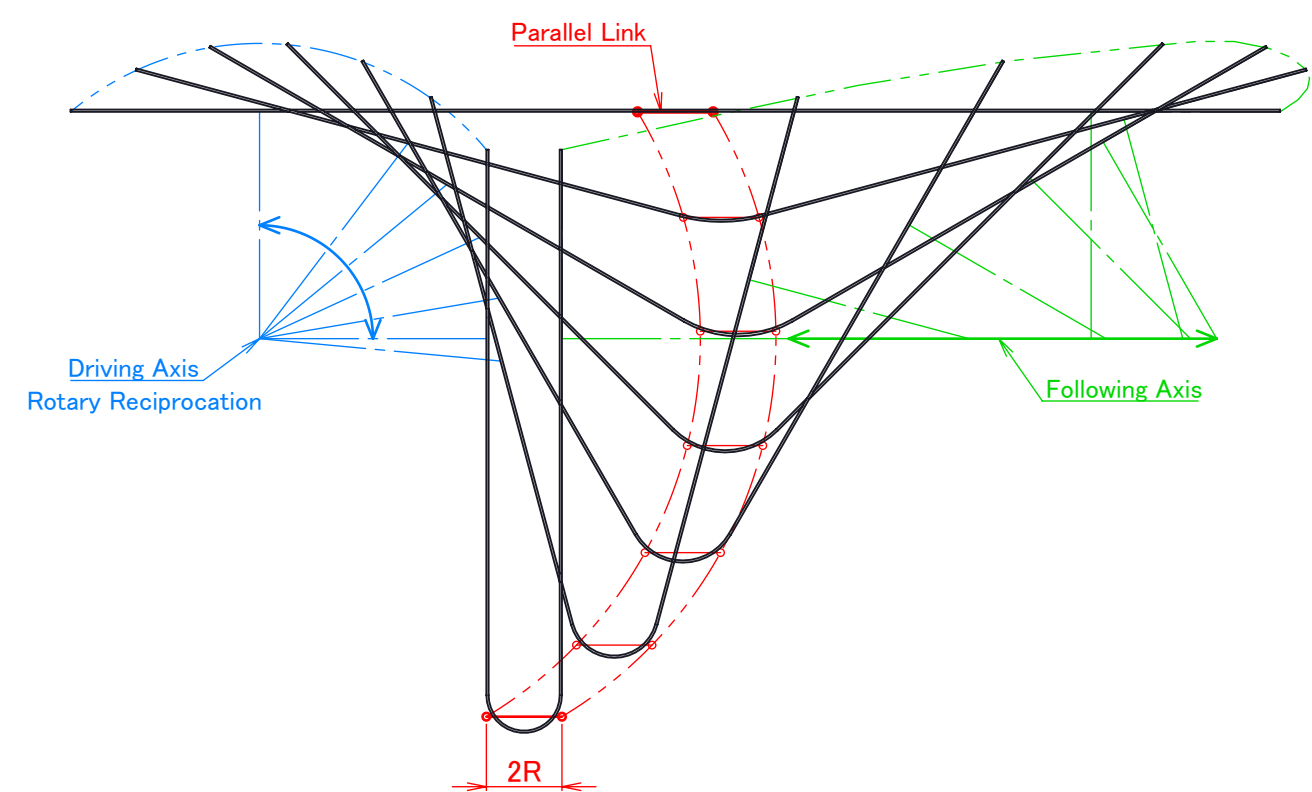
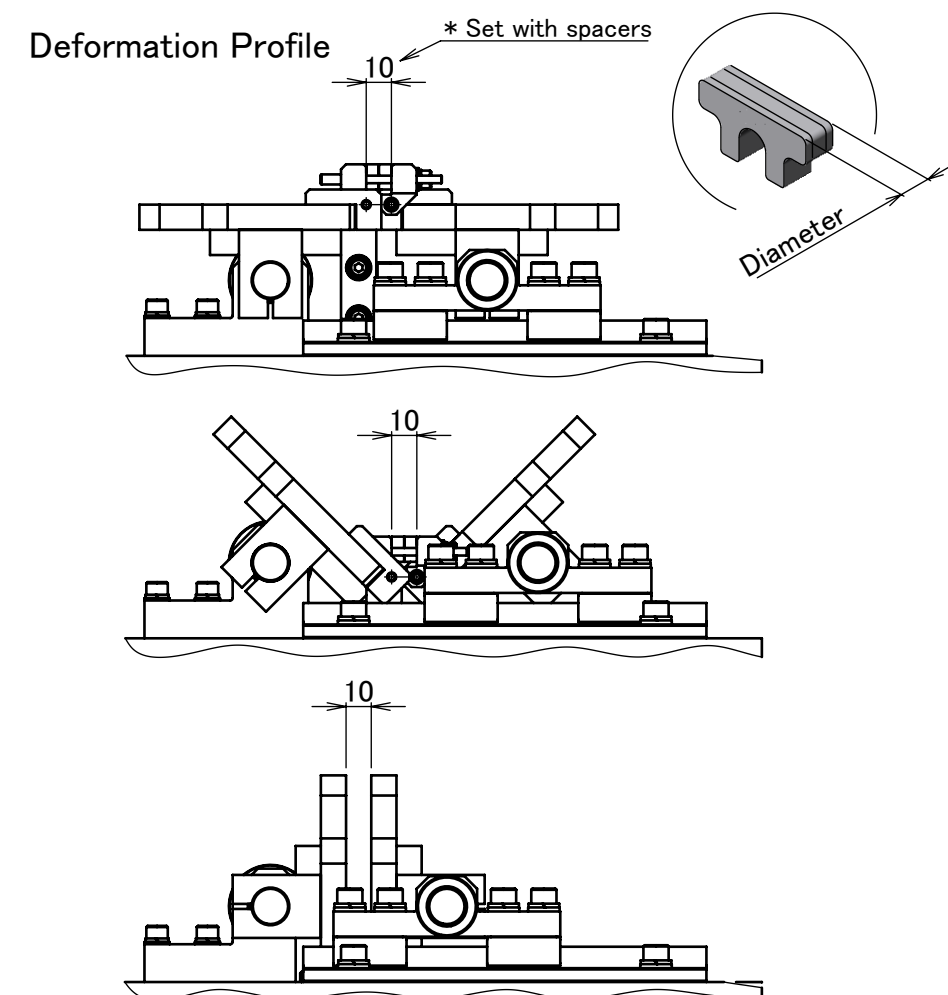
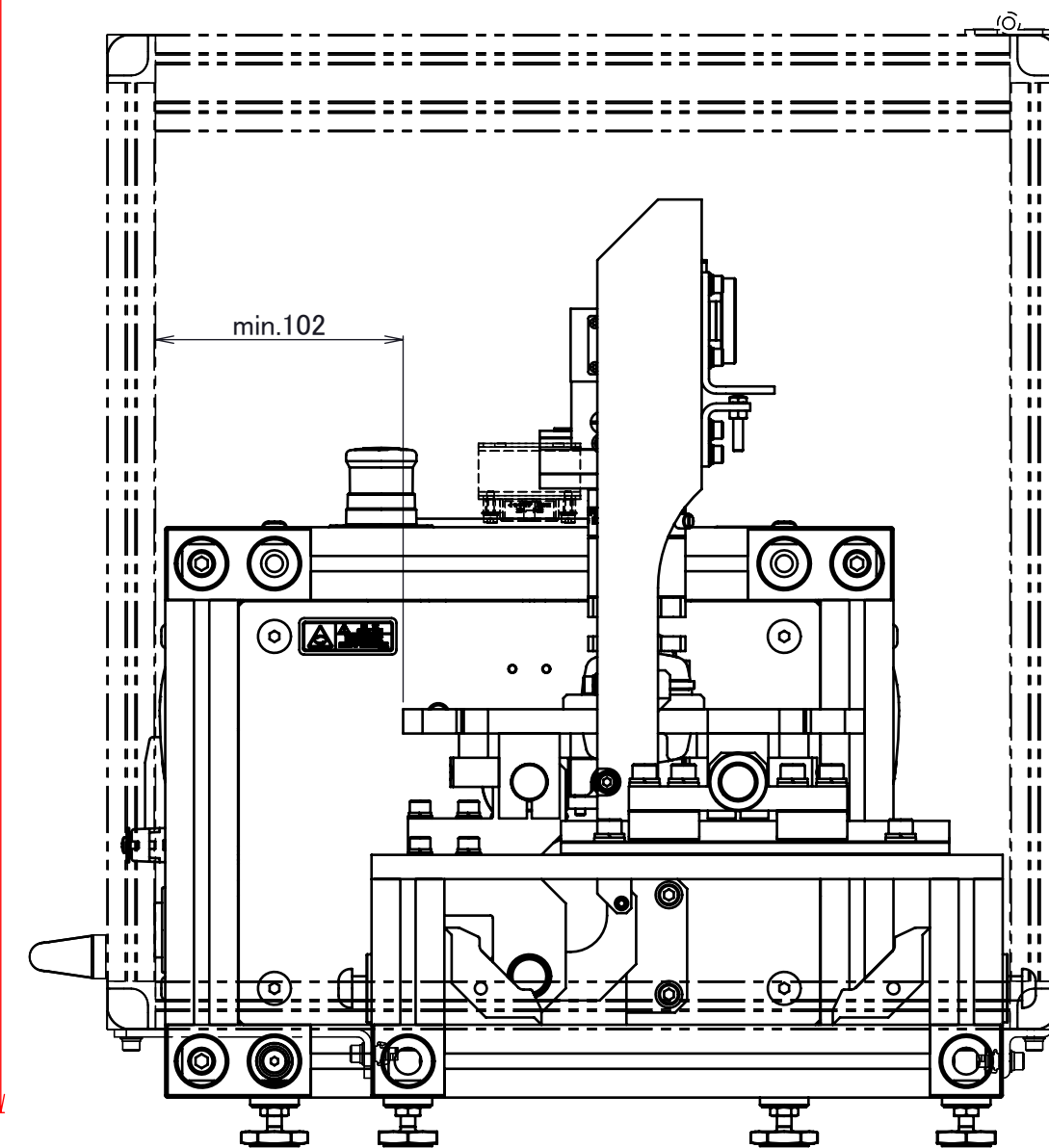
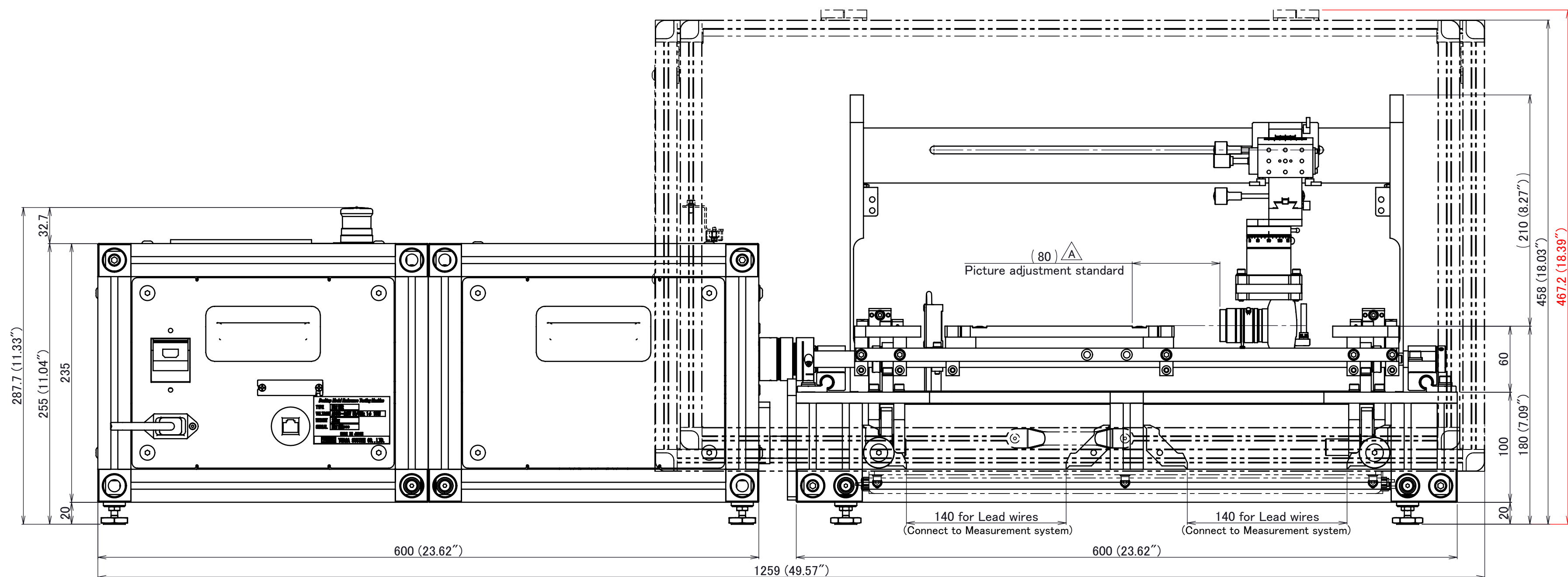
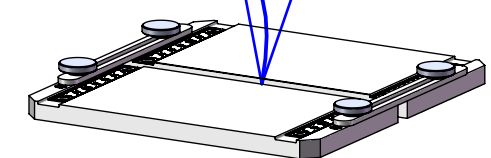
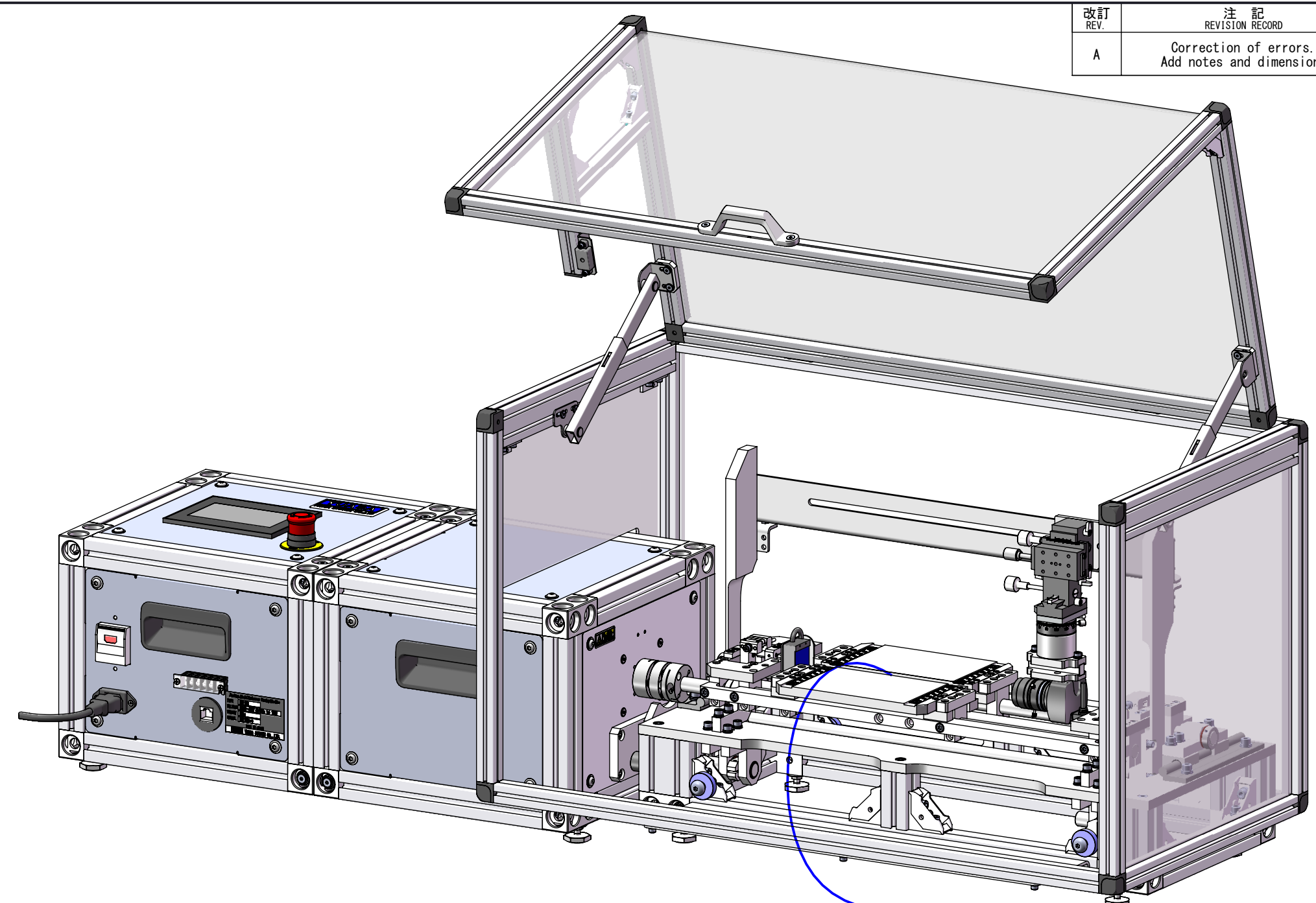
- Overall Width: 1259 (49.57")
- Overall Height: 300 (11.81")
- Left Section Width: 600 (23.62")
- Right Section Width: 600 (23.62")
- Bottom Flange Width: 25 (0.98")
- Internal Width (Right Section): 126 (max.130")
- Internal Height (Right Section): 126 (max.180+2R2)

Side View Dimensions:

- Overall Width: 465 (18.31")
- Overall Height: 260 (10.24")
- Top Flange Width: 85 (3.34")
- Bottom Flange Width: 100 (3.94")
- Internal Width (Right Section): 126 (max.180+2R2)
- Internal Height (Right Section): 126 (max.180+2R2)

Labels:

- YUASA
- YUASA SYSTEM CO.,LTD.



OVER VIEW	• Testing components folds samples with "Double Jointed Clamshell" structure. It never place tensile stress nor compression stress on the sample, samples will change naturally. This can do the shape analysis of the transformed sample.					
SPECIFICATION OF TEST CONDITION	• Target : Sheet or Linear samples • Sample thickness : max. 1 mm • Sample width : max. 130 mm • Sample length : min. (πR) + (Clamping space) mm (Be changed follow to conditions) • Bending angle : 180° • Bending radius : 0.5~5.0 mm (*half of distance between a pair of plates) (1.0~5.0 mm : Measurable range) (Please consult about the measurement less than R1.0 separately.) • Bending force : max. 0.7 N·m • Bending speed : 30~360 deg./sec. (About 5~60 reciprocation/min.) • Driving Unit : DR11MR4 (Permissible torque: 1.8 N·m) • Operating Angle : 90 deg.					
INSTALLATION ENVIRONMENT	Temp. : +5~+40° C (41~104° F) Humi. : 15~ 85%Rh (No Condensation)					
MASS	• Testing Machine : about 23.0 kg (50.7 lb) • Test Jig : about 16.0 kg (35.3 lb) • Cartridge(1set) : about 1.0 kg (2.2 lb) • Cover Test jig : about 9.3 kg (20.5 lb)					
NOTE	• Accessory: Spacer to set the folding radius (5.0 mm, 2.0 mm, 1.0 mm, 0.5 mm, 0.2 mm, 0.1 mm, 0.05 mm: 4 each) : Calibration Jig : Analysis System for Folding (1set) • Option : Lens of Magnification x 4.0					
材質 MATERIAL	On the margin	第3角度 THIRD ANGLE PROJECTION	尺度 SCALE	名 稱 圖 番	TITLE	
質量 MASS			1:3			
表面処理 SURFACE PROCESSING		作成日付 DATE	Jun. 09, 2020			
熱処理 HEAT TREATMENT		承認 APPROVED	K. Hyodo			
		検図 CHECKED	H. Sasaki			
		設計 DESIGNED	N. Taniguchi	DWG. No.	BF0105SR-DR11MR4 - A	
				DSSD analysis System for Folding		