

3019 - 1.5 kNm SUPPORTED STAND CONFIGURATIONS



ADVANCED WITNESS SYSTEMS LTD

Advanced Witness Systems Ltd

1.5kNm Supported Calibration Stand Configurations

VERSION 2.0

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DESCRIPTION

The AWS 1.5kNm Supported Calibration Stand can be used in conjunction with beams and weights, to calibrate a wide variety of bench and wall mounted torque tool testers. The supported shaft height is variable, and bars with T-grooves facilitate the mounting of testers of varying sizes and mounting holes. The vertical pillar allows calibration of wall-mounted testers.

Additionally there are two options for the supported calibration stand. The Inline Transducer option allows transducers to be calibrated, using a square drive plate. The Acratork option allows Acratork L2 and L3 wall mounted testers to be calibrated, along with other wall mounted testers with a large footprint.

SPECIFICATION

Model: SCS -	3019	3019 - NPED	3019 - PED	3019 - IT	3019 - ACR
Description:	1.5kNm Supported Calibration Stand, including Pedestal	1.5kNm Supported Calibration Stand, no Pedestal	Pedestal Only	Inline Transducer Option	Acratork Option

DIMENSIONS

Pedestal base size: 0.35 x 0.16m (13.8 x 6.3 inches)

Pedestal height: 1.21m (47.6 inches)

Supported shaft centre height from ground: 1.39 to 1.48m (54.7 to 58.3 inches)

Depth: 0.72m (28.3 inches)

Height: 1.65m (65 inches)

Width: 0.4m (15.7 inches)

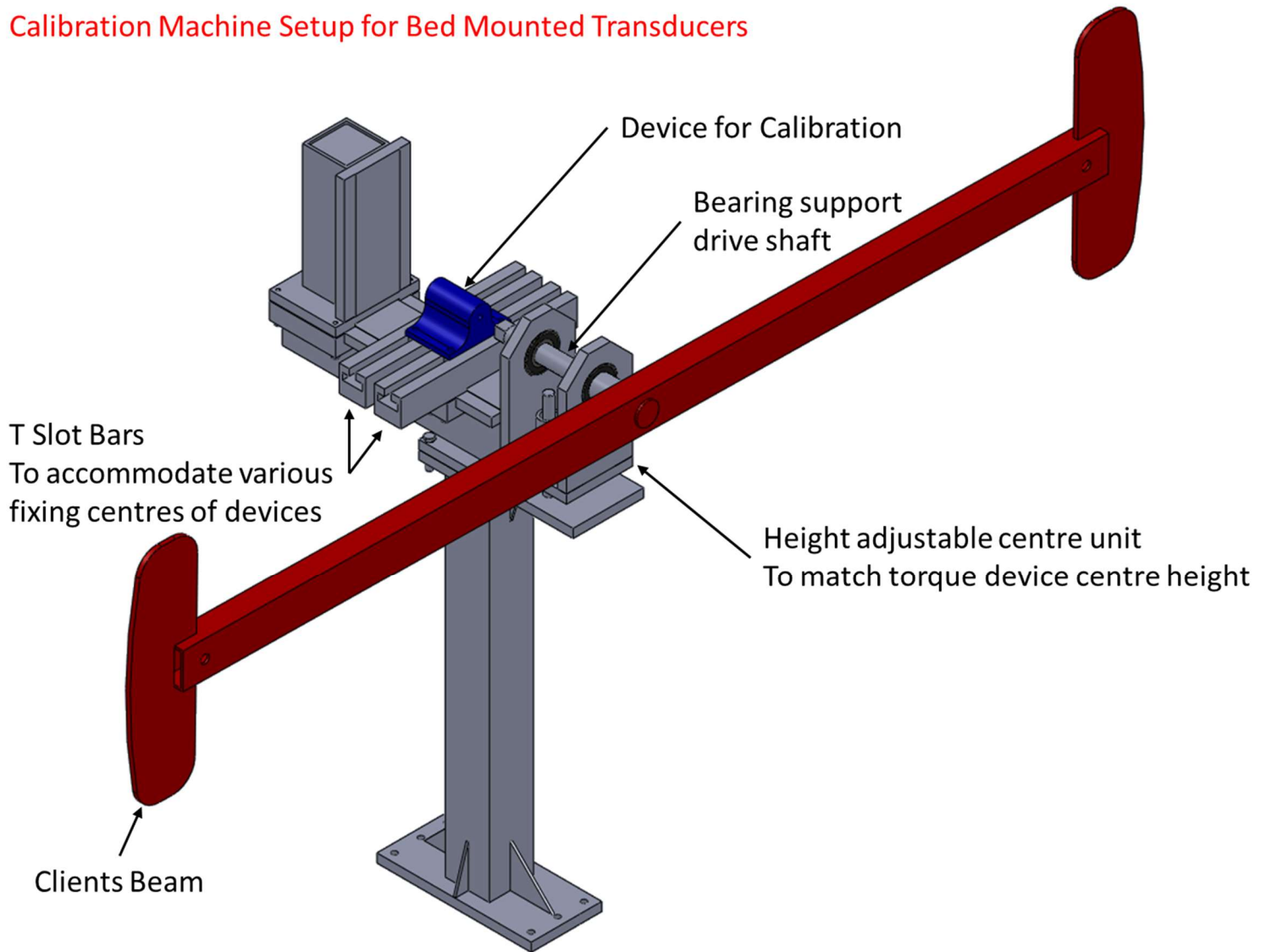
Supported Square Drive: 1 inch

Inline Transducer Option Square Drives: 1, $\frac{3}{4}$, $\frac{1}{2}$, $\frac{3}{8}$, $\frac{1}{4}$ inch

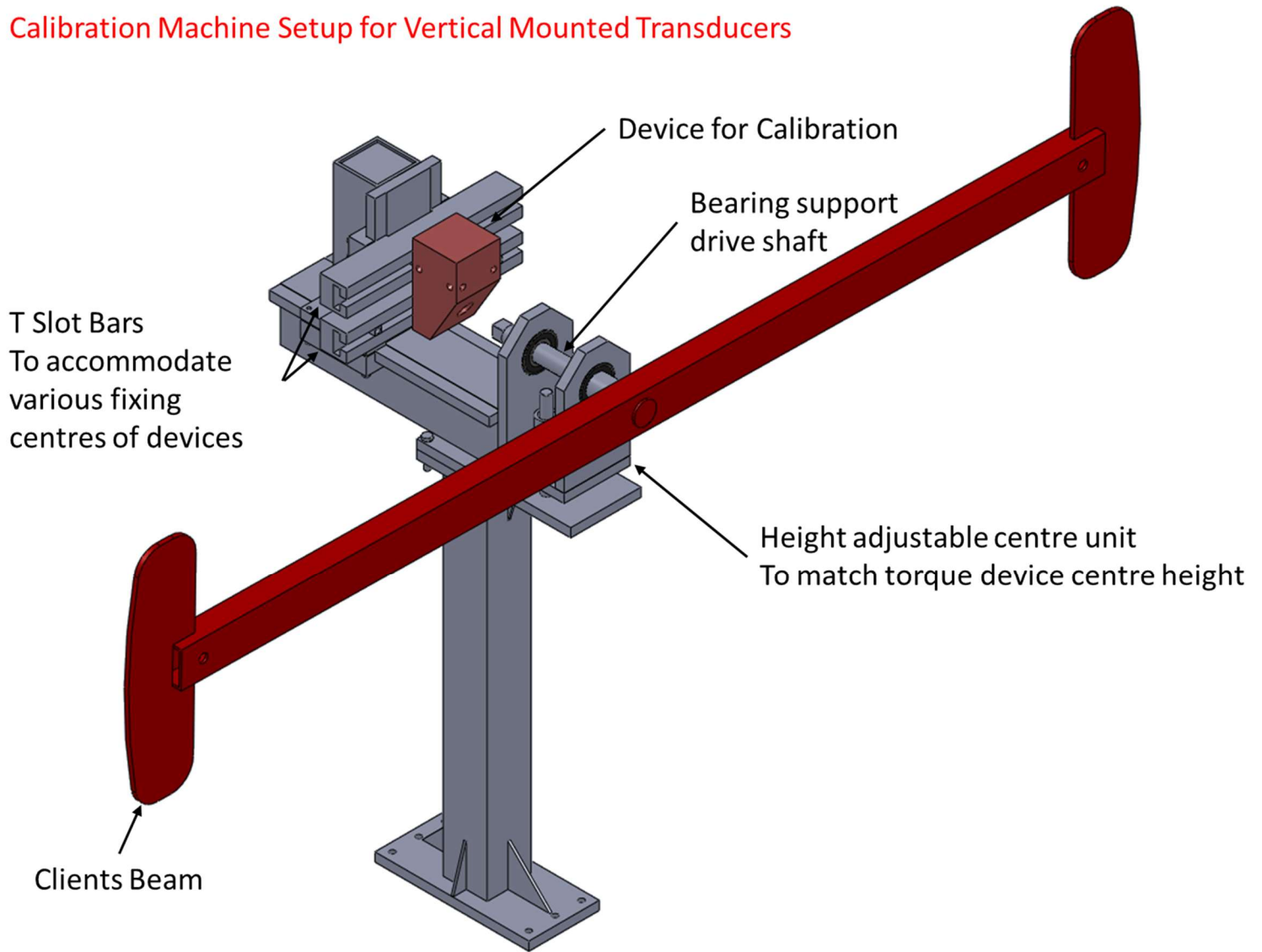
Acratork Plate Size: 0.4 x 0.4m (15.7 x 15.7 inches)

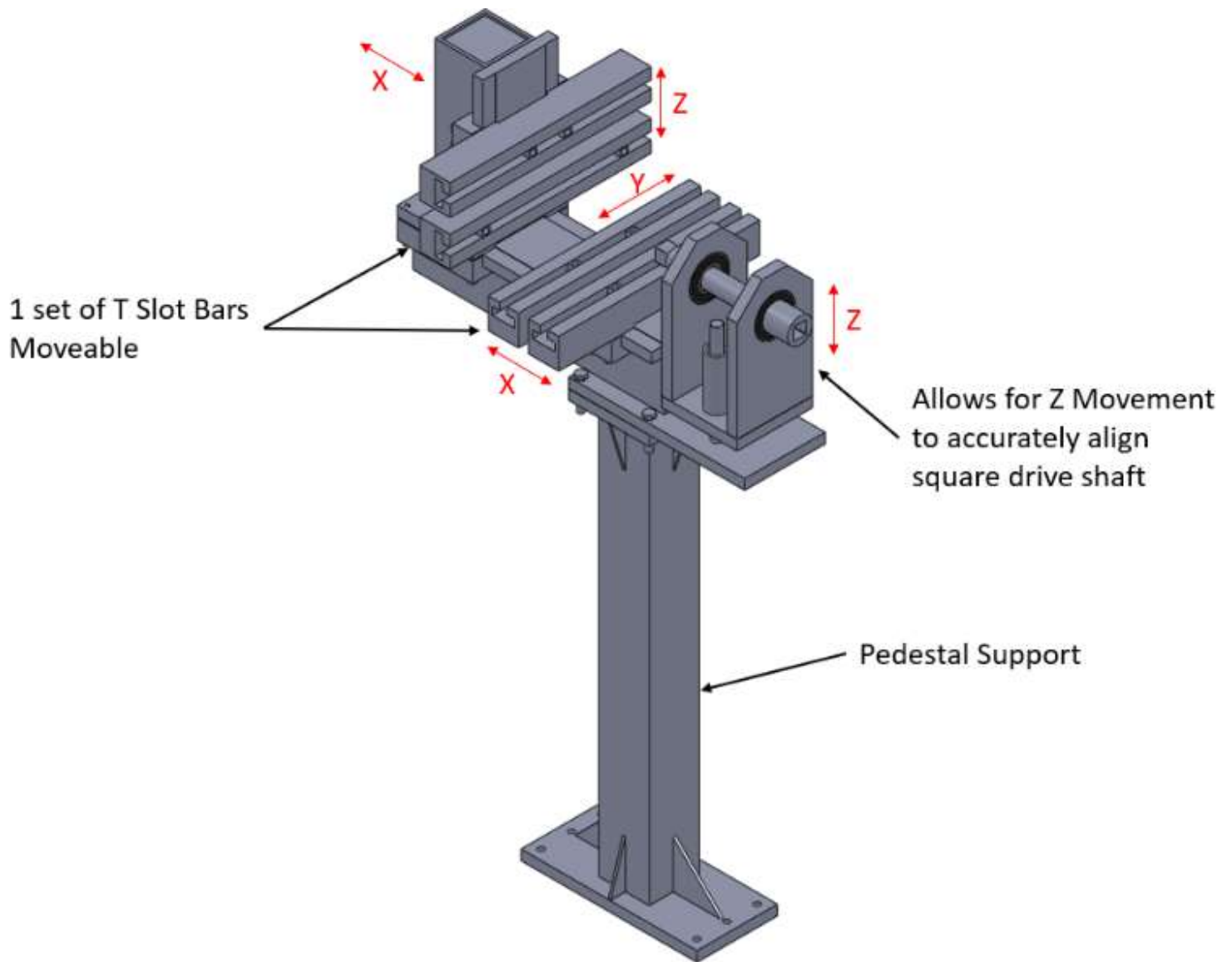
Depth, Width and Height can be altered if required within certain parameters.

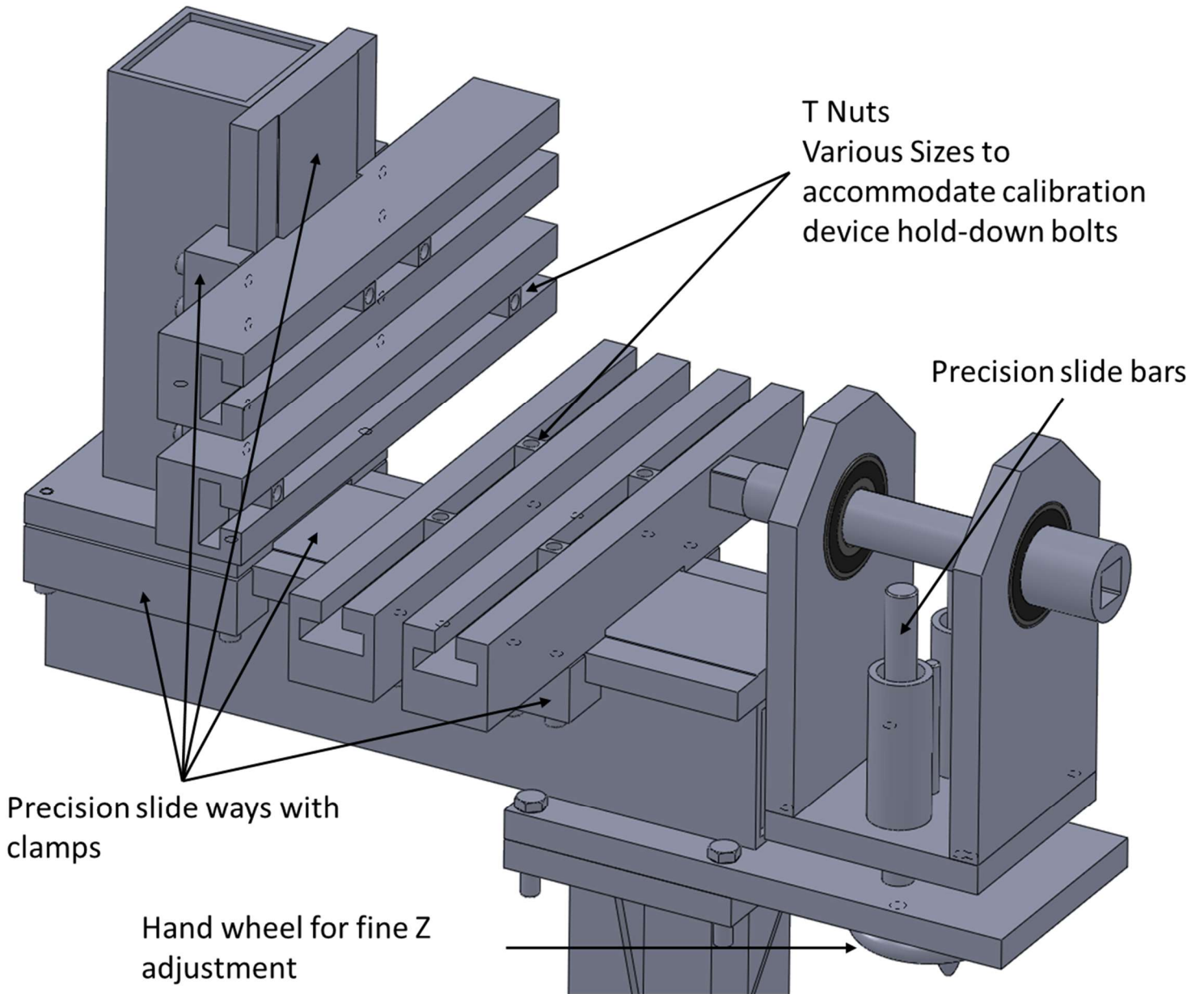
Calibration Machine Setup for Bed Mounted Transducers



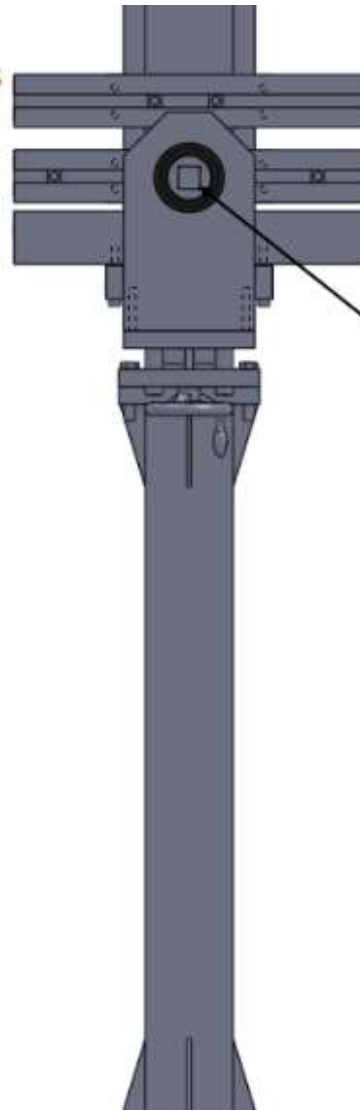
Calibration Machine Setup for Vertical Mounted Transducers





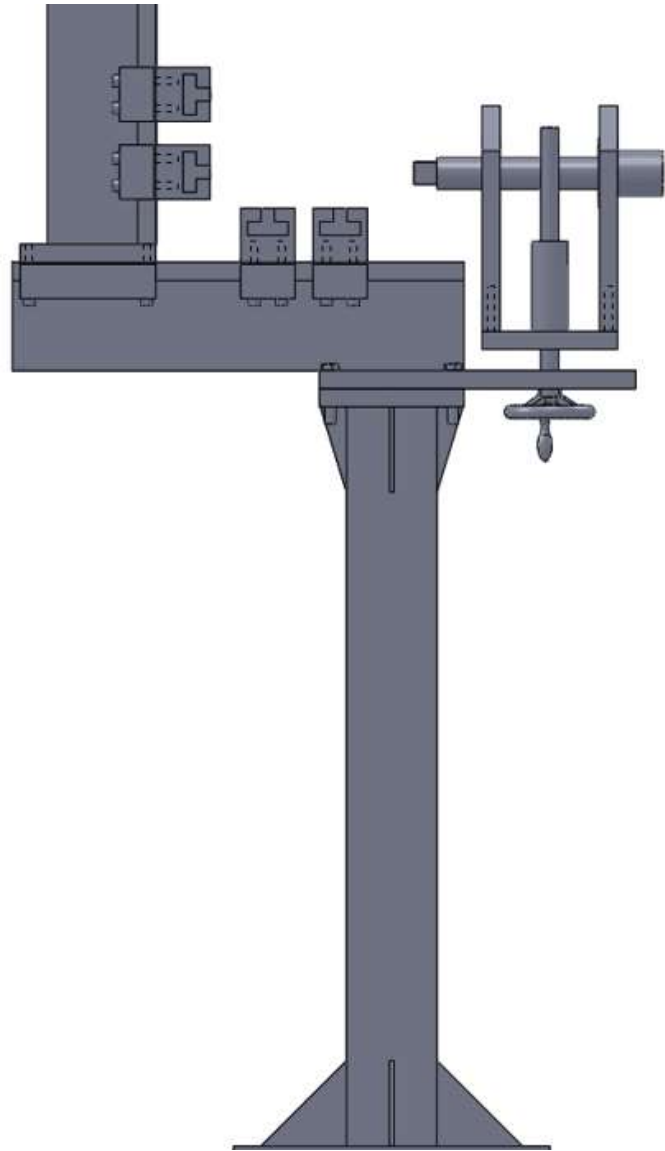


Calibration Machine - End Elevation
Showing vertical mounting T Slot bars

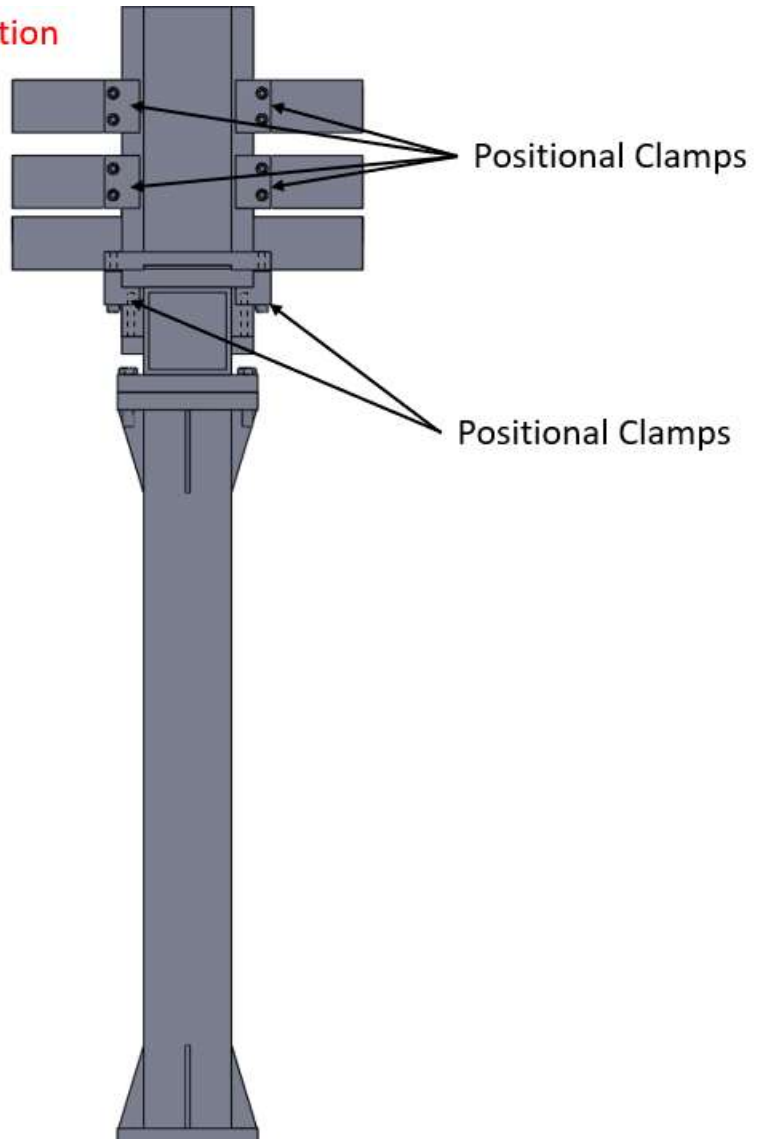


Precision drive shaft
female square

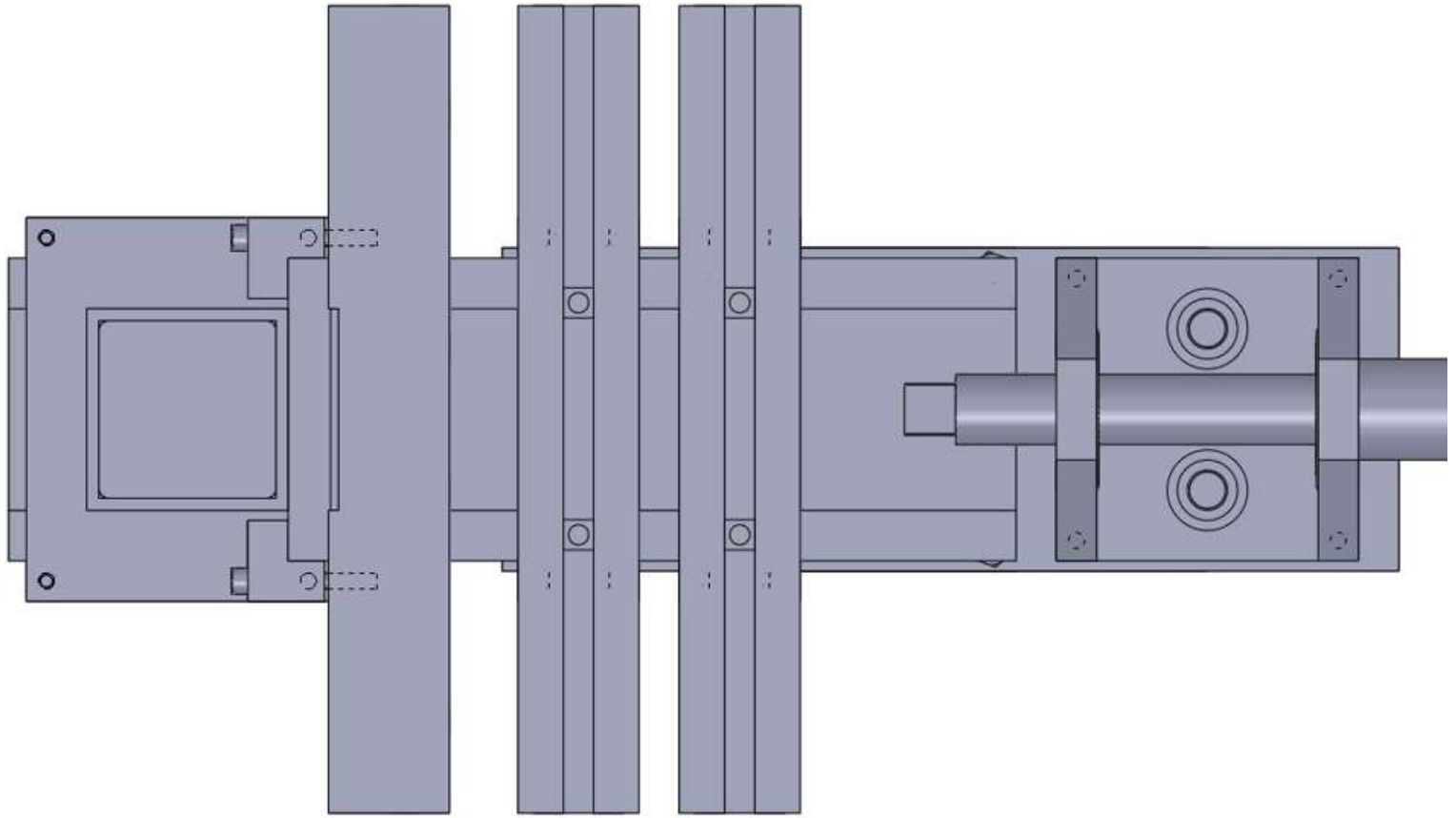
Calibration Machine - Side Elevation
Showing horizontal and vertical
mounting T Slot bars



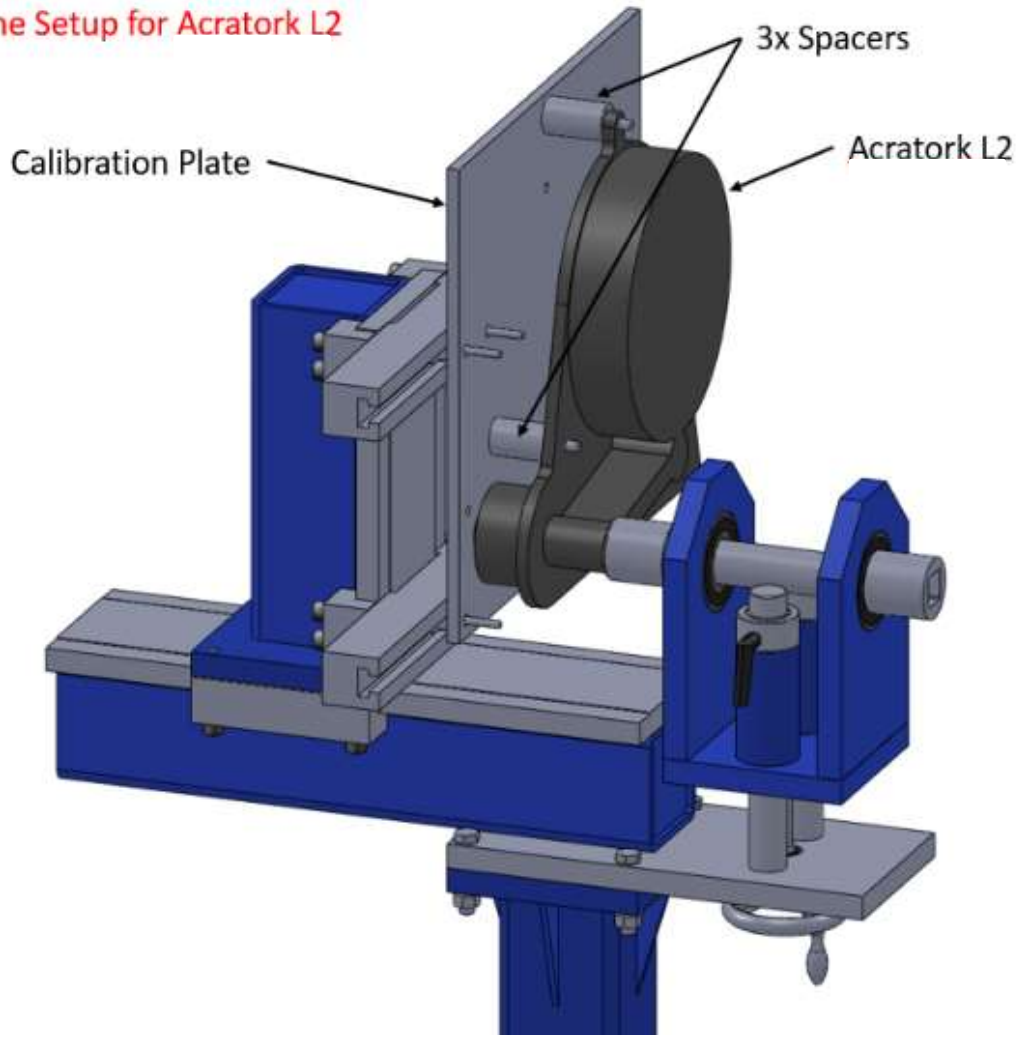
Calibration Machine - Reverse Elevation
Showing vertical mounting
T Slot bars



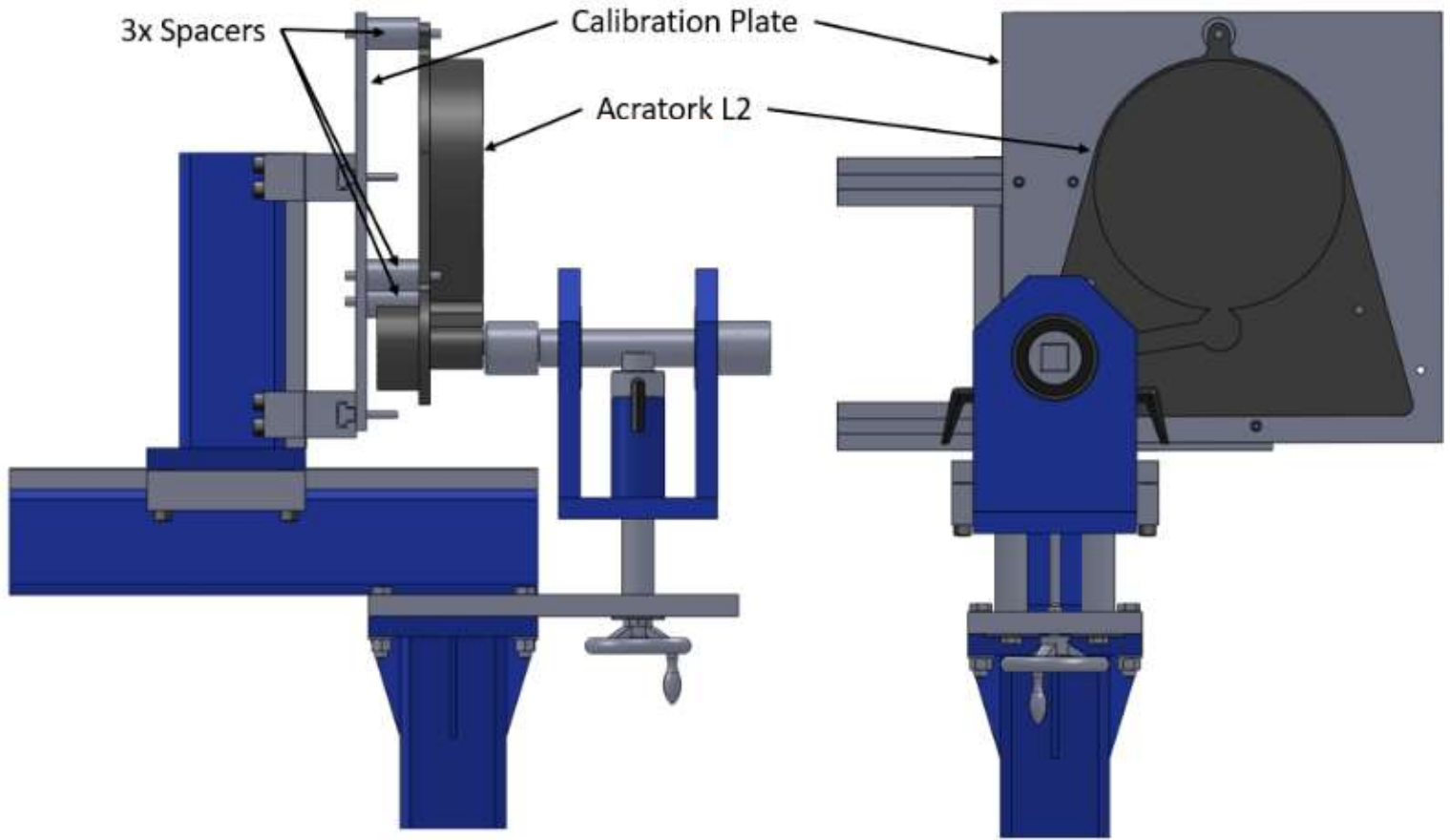
Calibration Machine - Plan View
Showing all T Bar Assemblies



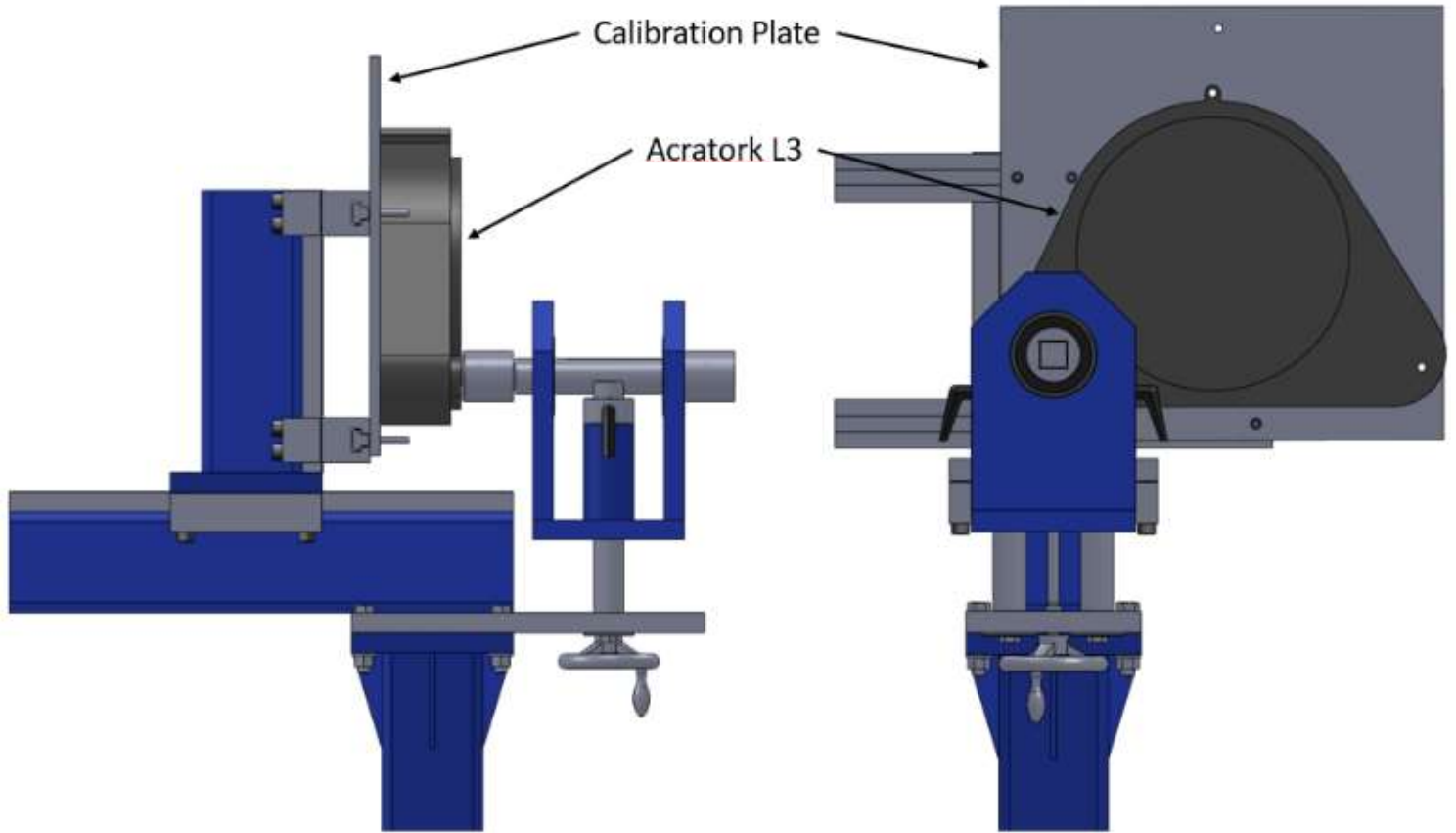
Calibration Machine Setup for Acratork L2



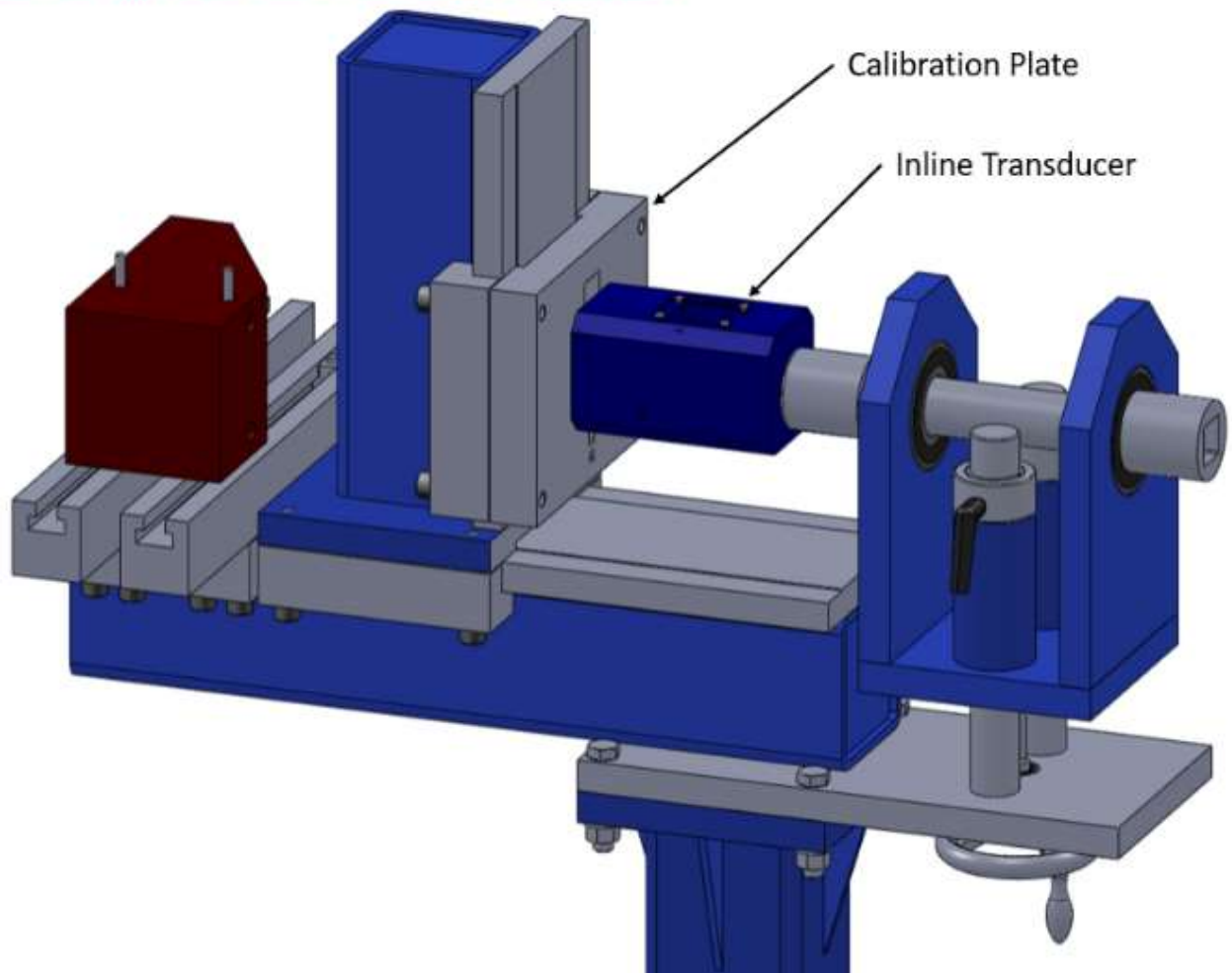
Calibration Machine Setup for Acratork L2



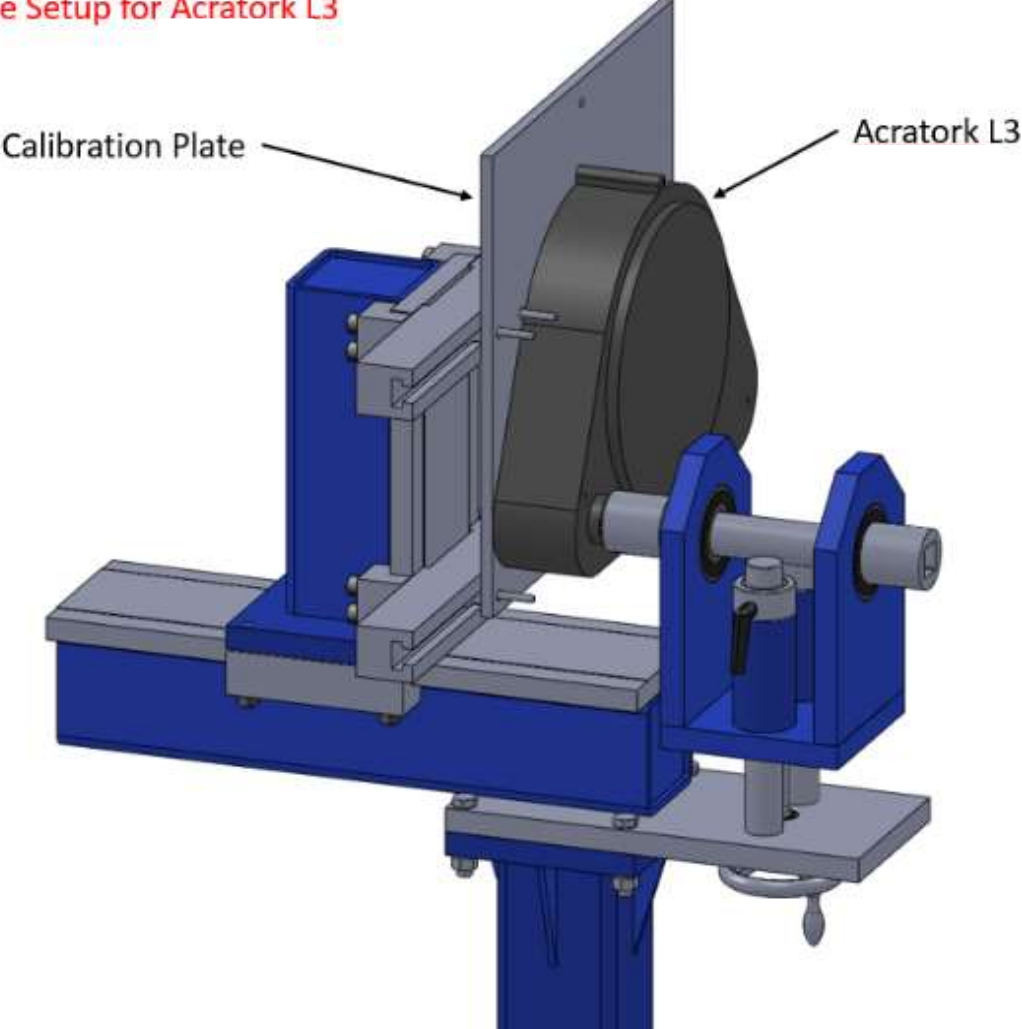
Calibration Machine Setup for Acratork L3



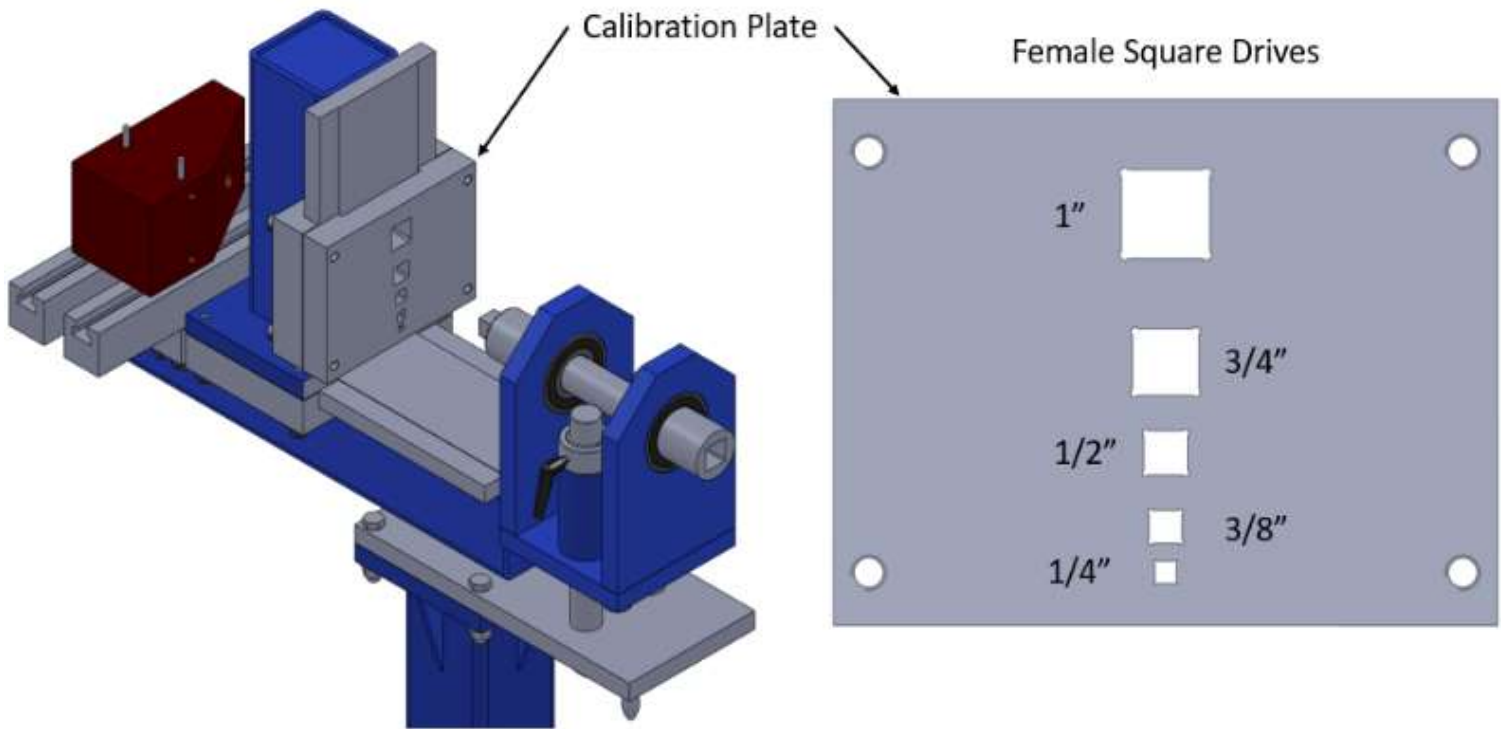
Calibration Machine Setup for Inline Torque Transducers



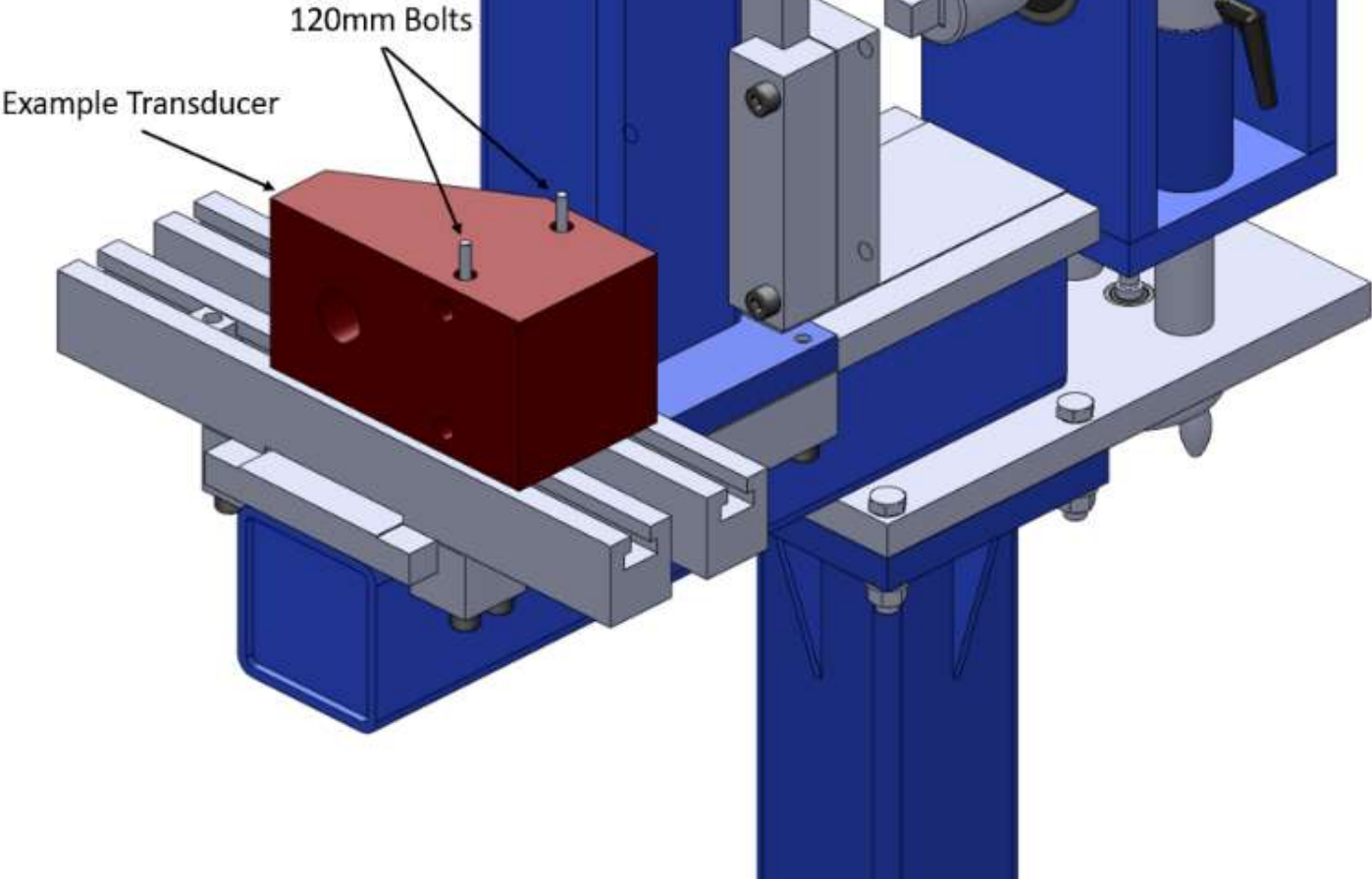
Calibration Machine Setup for Acratork L3



Calibration Machine Setup for Inline Torque Transducers



120mm Bolts



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Torque Measurement & Calibration

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