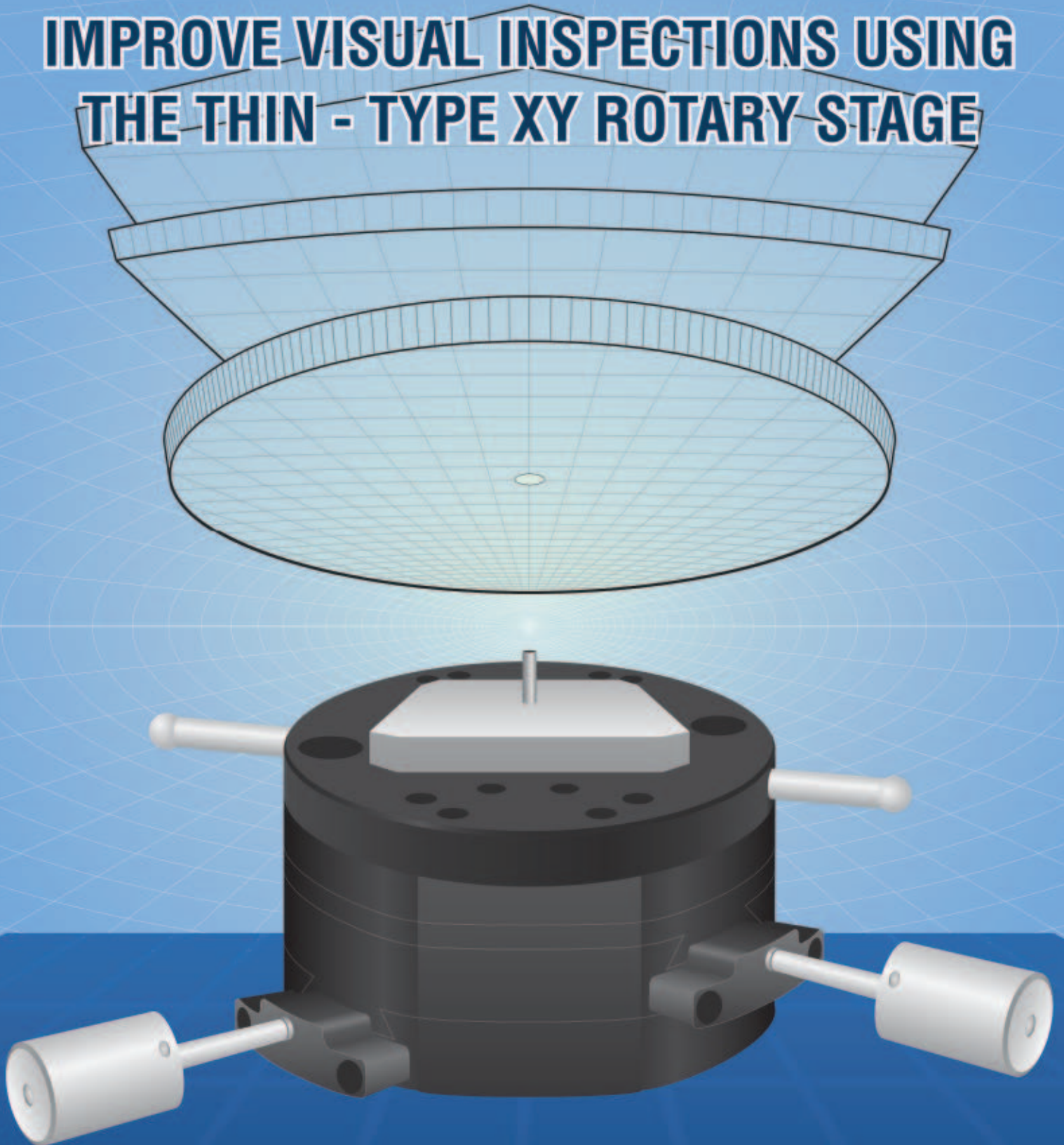




IMPROVE VISUAL INSPECTIONS USING THE THIN - TYPE XY ROTARY STAGE

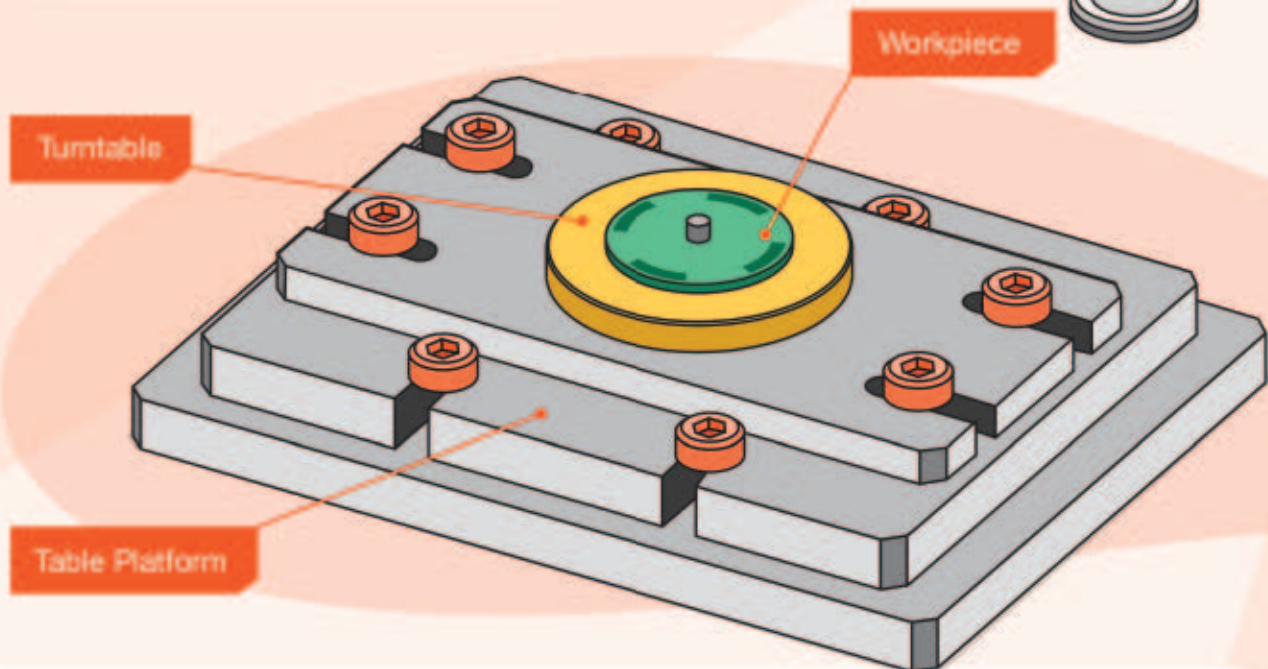
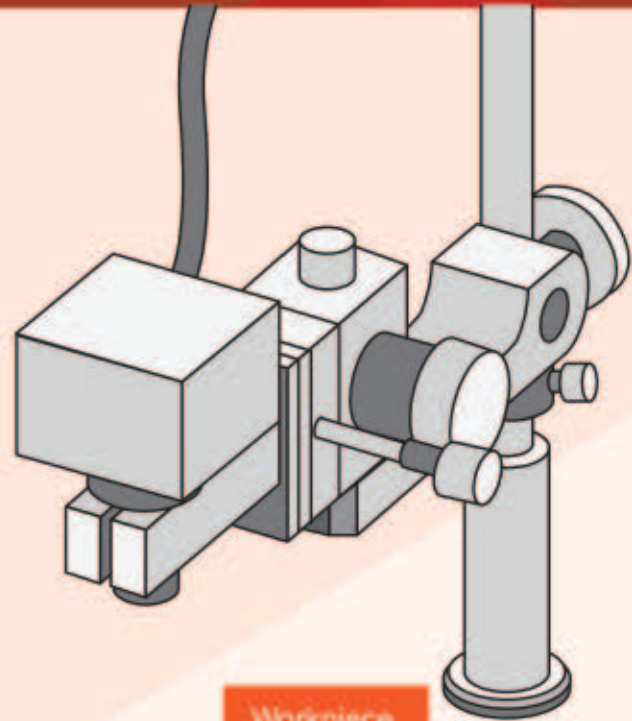
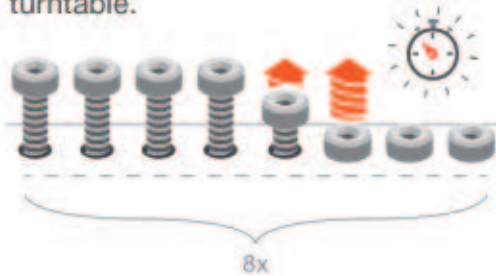




The changing of the position of the turntable and the fastening of the bolt everytime the work changes is troublesome.

DELAY IN INSPECTION

The work is troublesome since you have to loosen and tighten 8 bolts in order to position and fix the turntable.



INSPECTION PROCESS

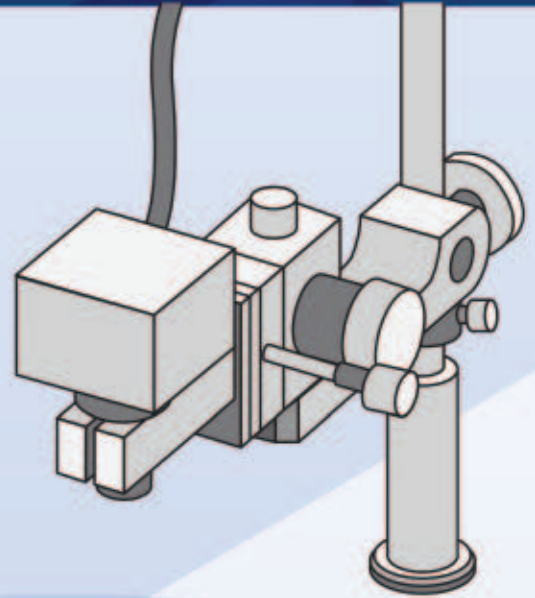
Place the workpiece on top of the turntable, make it rotate, and inspect the external appearance of the outer periphery. You have to change the position of the turntable every time the work changes. In this case, loosen the 8 bolts, adjust the position of the table stand, then finally, tighten the bolt. When tightening the bolts, there are times when the table stand becomes misaligned, so the bolts should be tightened slowly. Because of that, the adjustment of the table stand is troublesome and time-consuming.



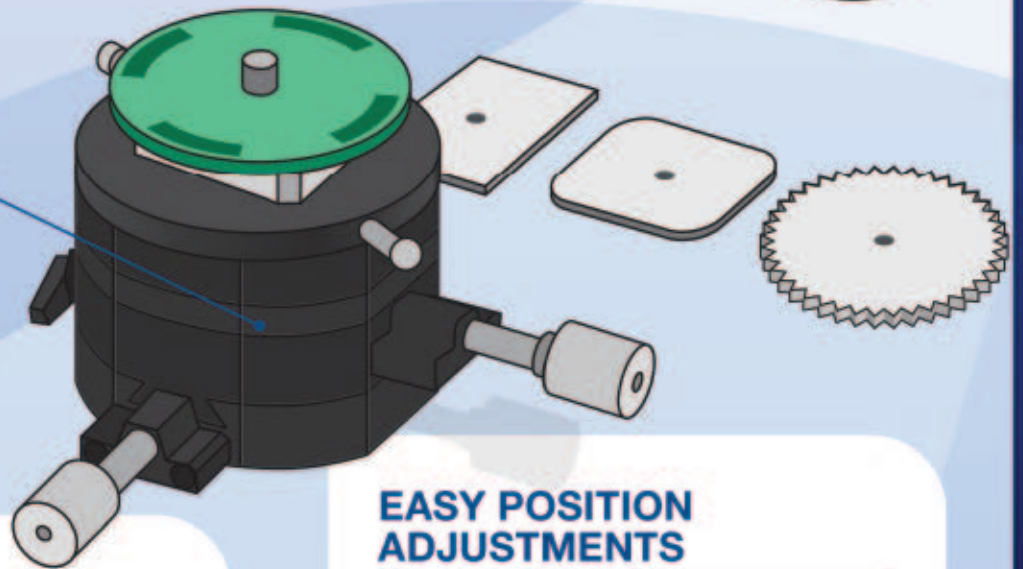
Increase in workability / productivity is achieved with the use of the Thin-type XY Rotary Stage.

WORKPIECE ADAPTABILITY

Can respond immediately to workpieces with various shapes



Thin XY Stage



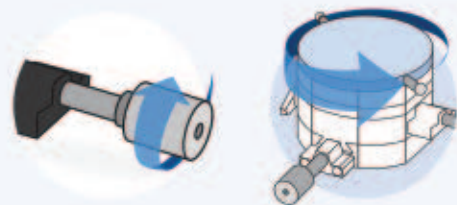
PROCESS IMPROVEMENT

There are no troublesome bolt-related tasks, so we can now do the positioning and fixing very simply, and in a short time.



EASY POSITION ADJUSTMENTS

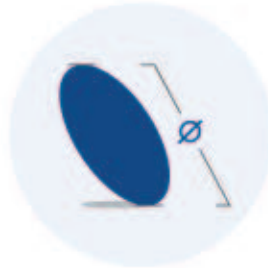
Accurate and fine position adjustments can now be done by anyone by only using the handle. As result, time loss due to the switching of the workpiece has decreased.



CHARACTERISTICS OF THE THIN XY ROTARY STAGE (XYR-60)



Amount of movement:
(XY Direction) $\pm 21\text{mm}$
(Rotation Direction) 360°



Stage Dimension:
 $\varnothing 60\text{mm}$



Amount of Movement
of the Handle in
One Rotation: 4.2mm



Load Capacity:
 34.3N (3.5kgf)



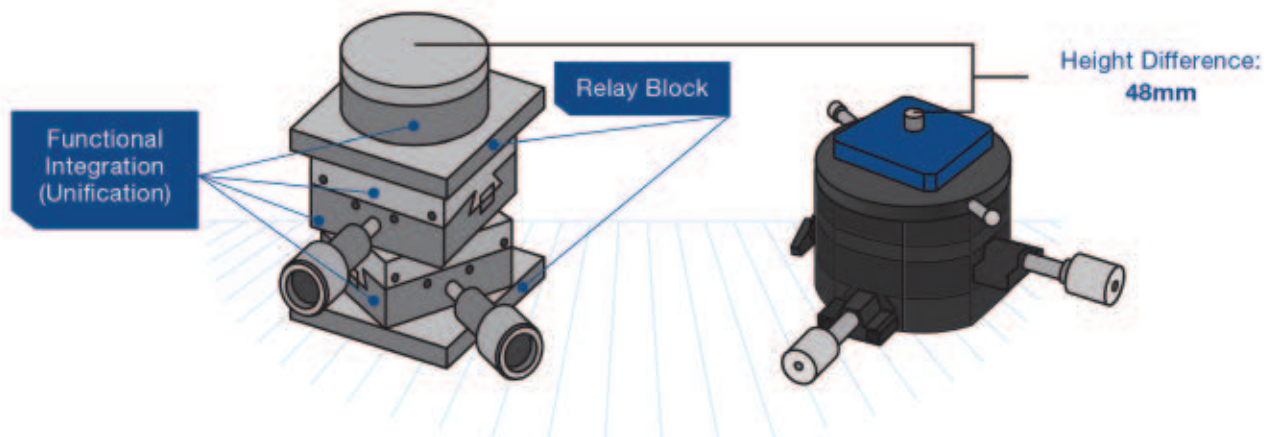
Stage Body:
Aluminum Alloy



Own Weight:
 0.39 kg



Surface Treatment:
Satin Black Anodized



LOW AND COMPACT

The thin XY Rotary Stage (XYR-60) was able to achieve approximately half the height of existing combination stages (compared to our company's existing items).

In the traditional method of combining an XY stage with a rotary stage through a relay block, the height was 93mm. While integrating these 2 stages, and by reducing the no. of parts and by thinning, we were able to reduce the height to 45mm.