



## Delivering the cure to steady automation

### Movopart® linear units help U.S. Autocure enhance the efficiency of its automobile paint curing system

Arizona-based coating and automation specialist U.S. Autocure was facing a major machine design challenge in keeping its paint curing system moving quietly and with minimal vibration. Engineers tested several motion products but everything they tried caused too much vibration, didn't move fast enough, couldn't support the weight or had other issues.

Click below to read the full article and learn how three Thomson Movopart linear units are answering U.S. Autocure's call for customized design requirements and safe, smooth and quiet movement of their system's overhead and side IR heat lamps.



*The Movopart units attach to the system's stepper motors via Thomson RediMount™ motor mounting adapter kits, which enable seamless installation in only a few minutes.*

[READ THE FULL ARTICLE](#)

[LEARN MORE ABOUT THE MOVOPART](#)

## How can you achieve more power in less space for your heavy duty applications?

[Watch our new H-Track electro-hydraulic actuator video](#)

If you have industrial applications that require handling heavy loads in tight spaces, it's about time you were introduced to the Thomson H-Track linear actuator.

This reliable, rugged tool combines the best of two worlds – the controllability, simplicity and maintenance-free performance of electric with the high power density, shock load resistance and smooth motion of hydraulics.



VIEW THE VIDEO

LEARN MORE ABOUT H-TRACK

## Size and select your ball screw solutions even faster

### Try our new and improved online tool

Is linear component sizing and selection taking up too much of your time? What if you were able to use a simple, streamlined online tool that reduced product procurement time from hours or days to mere minutes, while making you feel like a motion control expert were looking over your shoulder? Our [enhanced Linear Motioneering tool](#) encapsulates 75 years of Thomson ball screw application expertise to help you:

- Quickly filter on product attributes to reach your solution.
- Use precise modeling of motion, load and external axial force profiles.
- Access 3D models.
- View pricing and lead times.

The new and improved Linear Motioneering® tool is one of three ways we help you find your optimal ball screw solution.

Ball Screw Length	Lead	Pitch	Diameter	Material	Price
25 mm	5 mm	5.000 mm	12.000 mm	304/316	10.000
50 mm	5 mm	5.000 mm	12.000 mm	304/316	15.000
75 mm	5 mm	5.000 mm	12.000 mm	304/316	20.000
100 mm	5 mm	5.000 mm	12.000 mm	304/316	25.000

TRY THE TOOL

WATCH OUR BALL SCREW VIDEO



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