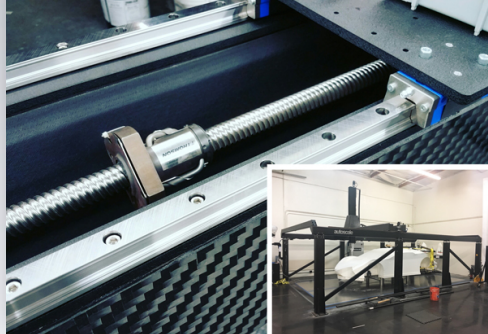




Thomson technology helps machine builder reduce CNC system costs by 90%



Autoscale's CNC technology (inset), which cuts objects up to 16 feet long, benefits from Thomson linear components, including precision ball screws and a profile rail that proved to be the only one long enough to meet their system requirements.

A recent *Manufacturing Automation* article details how Silicon Valley-based Autoscale was able to revolutionize its cutting-edge CNC technology and reduce costs by about 90% thanks in part to Thomson linear motion components.

For cutting light-grade materials to produce large objects such as auto body prototypes, Autoscale's redesigned CNC system used gantries that benefitted from Thomson products, including:

- Ball Screw Assemblies.
- Profile Rail Linear Guides.
- Super Ball Bushing Bearings.
- RoundRail Linear Bearings.

These components not only allowed gantries to move smoothly and accurately but helped Autoscale cut down on system weight and production costs.

[Size and select Thomson linear components for your designs >](#)

[Read the article >](#)

+ education/events



Free Webinar

Smart Advancements in Industrial Linear Actuation
August 24 @ 1pm EDT

In this presentation, learn how the technology behind industrial linear actuation has been adapting to Industry 4.0, thereby introducing the "smart factory," reshaping how machine designers approach their work and opening up new opportunities for actuation in a multitude of markets and applications.

[Register now >](#)

+ applications/tools/products

Get Metric Precision Ball Screws - FAST

Thomson metric ball screws combine the precision of our own German engineering and state-of-the-art production with the efficiency of our North American logistics. All three styles – flanged (FSI), threaded (TSI)



and rounded (RSI) – offer exceptionally smooth, quiet operation with superior load capacity.

Now your customers can focus their time and money on building better production machines – not on overseas shipping costs, import duties and delays.

Other metric ball screw benefits include:

- 1-3 day shipment for standard components
- Ideal for laboratory, medical and mechatronic applications
- Enables flexible ball nut mounting configurations and rapid prototyping
- Higher load capacity equates to longer life
- Screws are precision rolled to P5 accuracy class standard
- DIN 69051 compliant (FSI Style 16-50 mm only)

[View brochure >](#)

Share via Social Media:



Share via e-mail:

