



## **TECHNICAL ARTICLE** Long-stroke ball screws drive optimisation of 5G fibre optic filament production

Although the fundamentals of a ball screw assembly remain the same, ball screw technology continues to advance in flexibility and applicability. The realisation of 5G communications is boosting the demand for high-bandwidth fibre optic cable, which requires continuous improvement in the fibre optic manufacturing process. Thomson longstroke ball screws are meeting the required features of moving heavy loads smoothly and precisely, which is a key factor within the production of fibre optic filaments.

Click below to read the full *DPA magazine*article and learn how Thomson long-stroke ball screws are driving the optimisation of 5G fibre optic filament production and which three important factors must be taken into account.



Automated production of fibre optic cable is just one way that Thomson ball screws are enabling a new generation of communications technology.

**READ THE FULL ARTICLE** 

SELECT THE OPTIMAL BALL SCREW

Are you tired of the complexities, hazards and expense of traditional hydraulic systems? Access our new white paper and discover a better actuator solution suitable for many applications

One of the most costly phrases that can be heard at a place of business is "We've always done it that way."

Sticking to traditional methods such as using hydraulic systems in your machines can lead to a number of issues.

A cleaner, simpler and more environmentally friendly solution exists in the form of electric linear actuators. With our new white paper, learn more about the hydraulic drawbacks and how electric actuators have been replacing them as a viable solution for many applications.





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