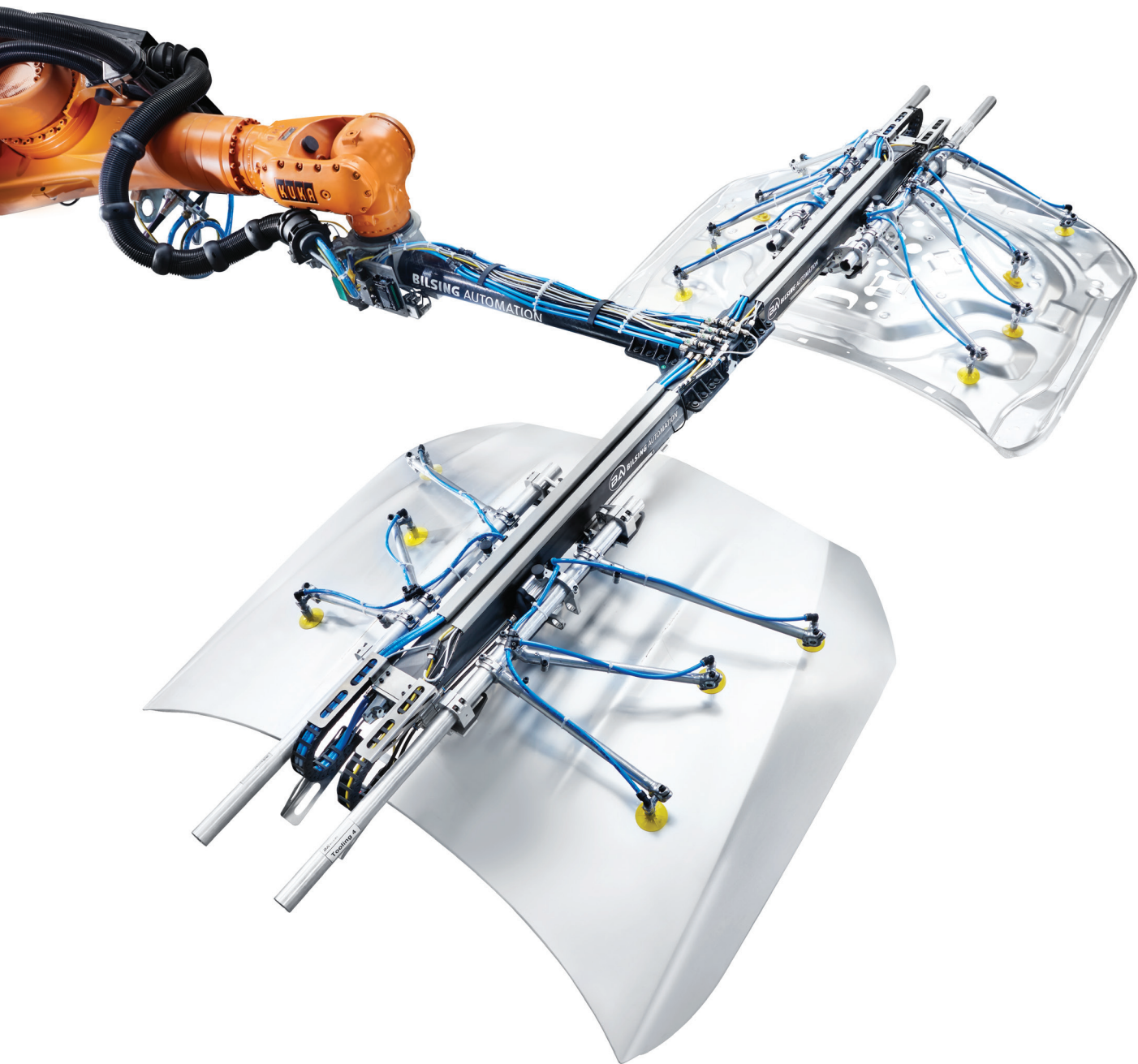




SERVO T-BEAM

CARBON FIBER FOR HIGH-SPEED TANDEM LINES

CARBON FIBER TECHNOLOGY

FEATURES

- 70% lighter than steel and 25% lighter than aluminum, approximately
- Vibrational damping
- Smaller dimensions
- Interchangeable tooling

BENEFITS

- Higher productivity and flexibility
- Reduced investment through use of smaller robots and servo drives
- Decreased wear and tear of machine parts



OPEN



CLOSED

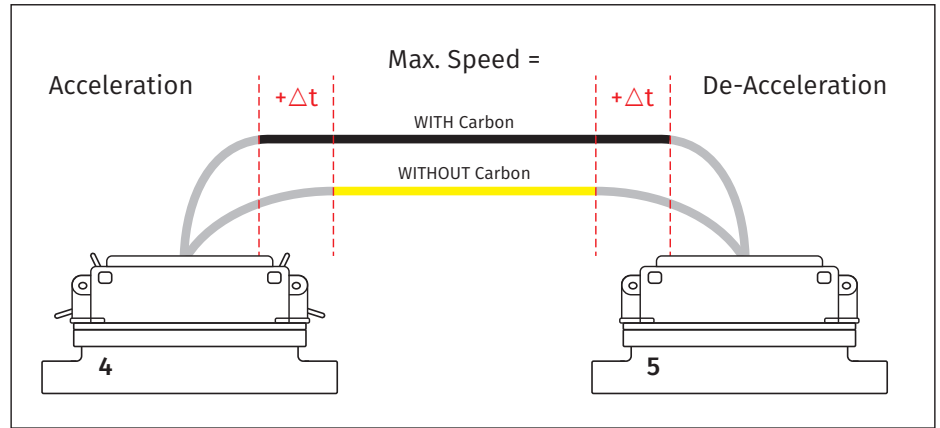
RANGE OF PRODUCTION

The carbon fiber T-beam is designed to offer tooling flexibility for high-speed tandem lines with varying production requirements.

Type	Blanks	Production Flexibility Needed
1 blank production		Low flexibility
2 blank production		Medium flexibility
3 blank production		Medium flexibility
4 blank production		High flexibility

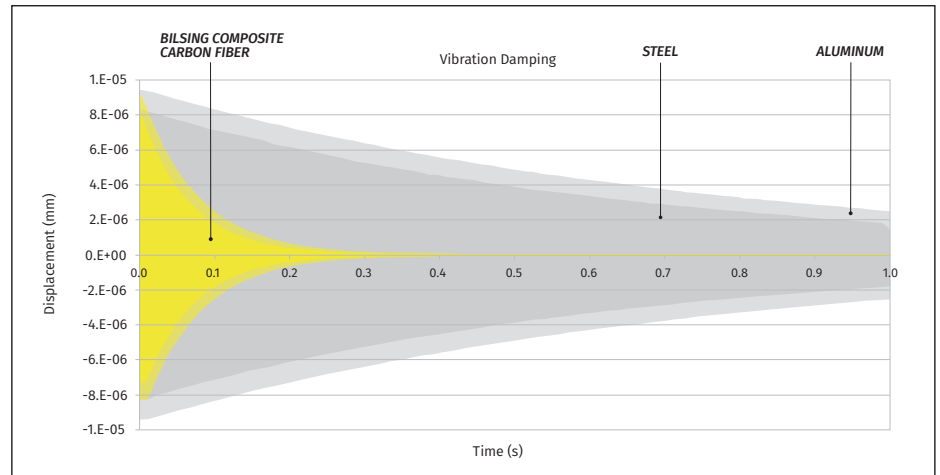
IMPROVED SPEED

The servo T-beams offer the ability to accelerate/decelerate more quickly than other tooling materials, helping to improve production rates – all with a high degree of stability, accuracy and repeatability.

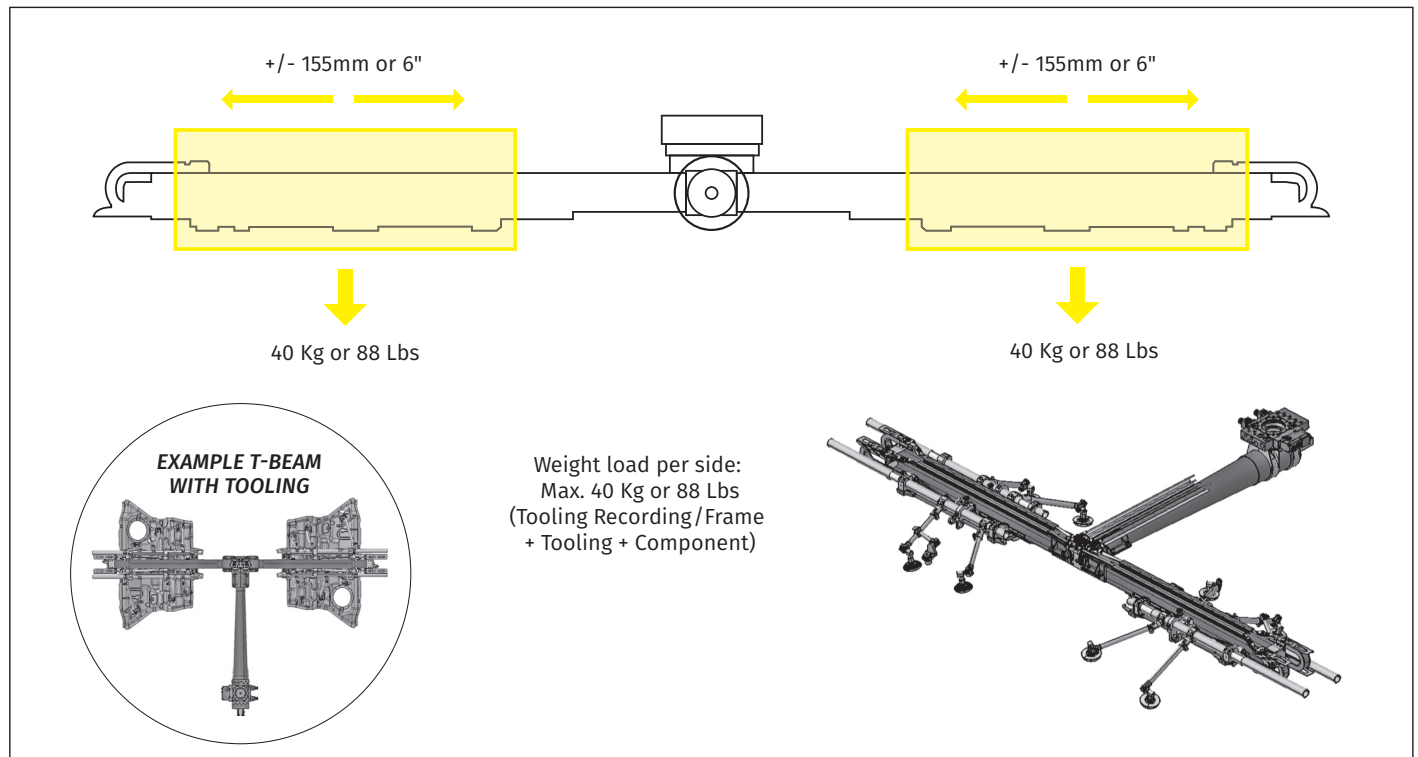


FASTER SETTLING TIME

The high elastic stiffness of Bilsing's CF beam significantly reduces vibration as experienced with aluminum and steel beams. This allows for a smaller press opening, helping to improve production rates by up to 20%.

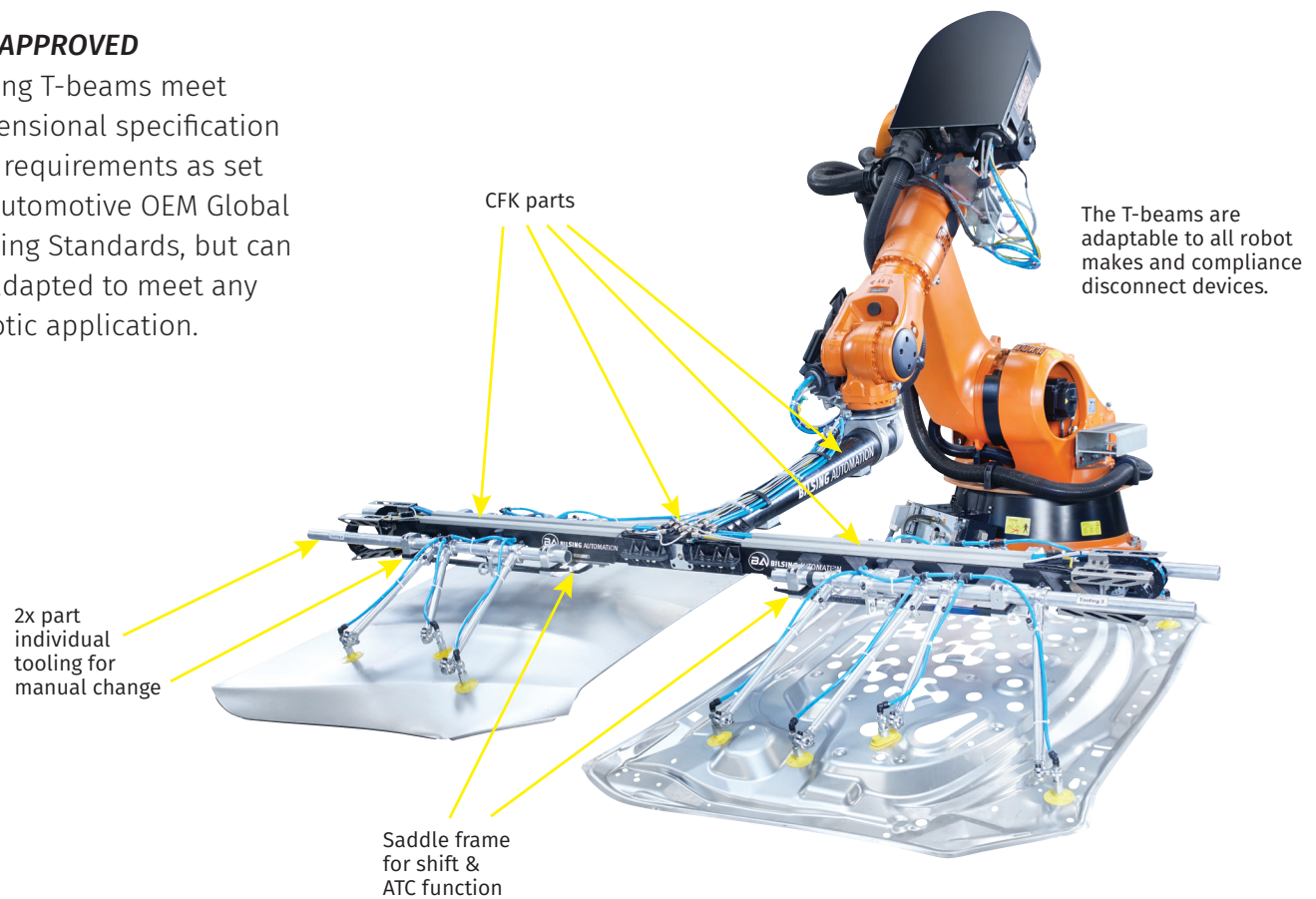


BILSING T-BEAM MAXIMUM PAYLOAD



ISO APPROVED

Bilsing T-beams meet dimensional specification and requirements as set by automotive OEM Global Tooling Standards, but can be adapted to meet any robotic application.



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