

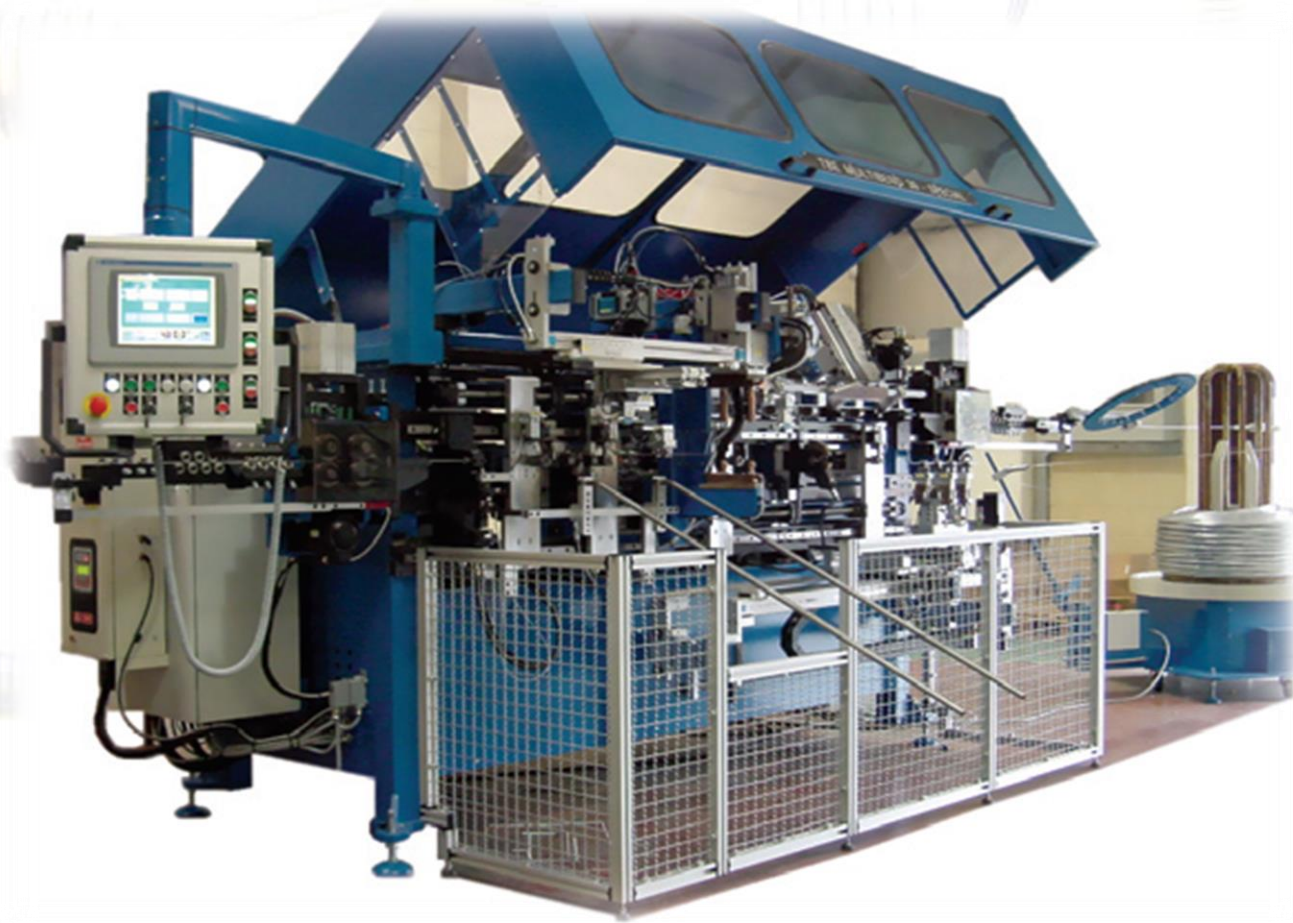


COMPETITIVENESS THROUGH INNOVATION

Specialists in CNC Wire Forming, Spring Making and Special Purpose Machinery

Web: [www.tbe.ie](http://www.tbe.ie) E-mail: [info@tbe.ie](mailto:info@tbe.ie) Tel: +353-51-643720 Fax: +353-51-643721

## Multiform – Multibend – Rapidform – Sinubend Series



## Our Company Information and Background

TBE was established in 1988 by Thomas and Joan Butler to design and manufacture CNC Wire Forming, Spring Making and Special Purpose machinery.

We have delivered more than 250 machines worldwide: In Ireland, United Kingdom, Mainland Europe, Turkey, Canada, USA, Mexico, Africa, Australia, and South America.

TBE has three principal objectives as a company:

- **Working closely with our customers to achieve common objectives.**
- **Continuous Innovation and technological advances.**
- **Ongoing improvements in efficiency and competitiveness.**

Together; these objectives are central to our primary goal of delivering market leading technology to all global markets and demonstrating consistent competitiveness through innovation.

### Irish Precision Engineering With A Global Reach

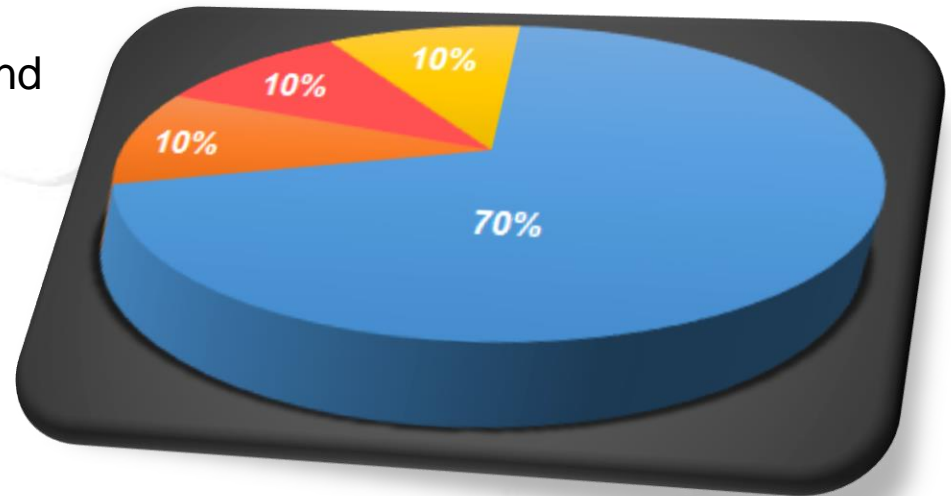
Located for Over 25 Years in Fiddown, County Kilkenny, Republic of Ireland.



TBE is headquartered on a 10,000 square foot manufacturing site. All of our equipment is subject to final assembly; testing and approval and this location. TBE also has a large network of Global Supply Partners located in Ireland; United Kingdom; Portugal and beyond.

### Our Company and Product Range

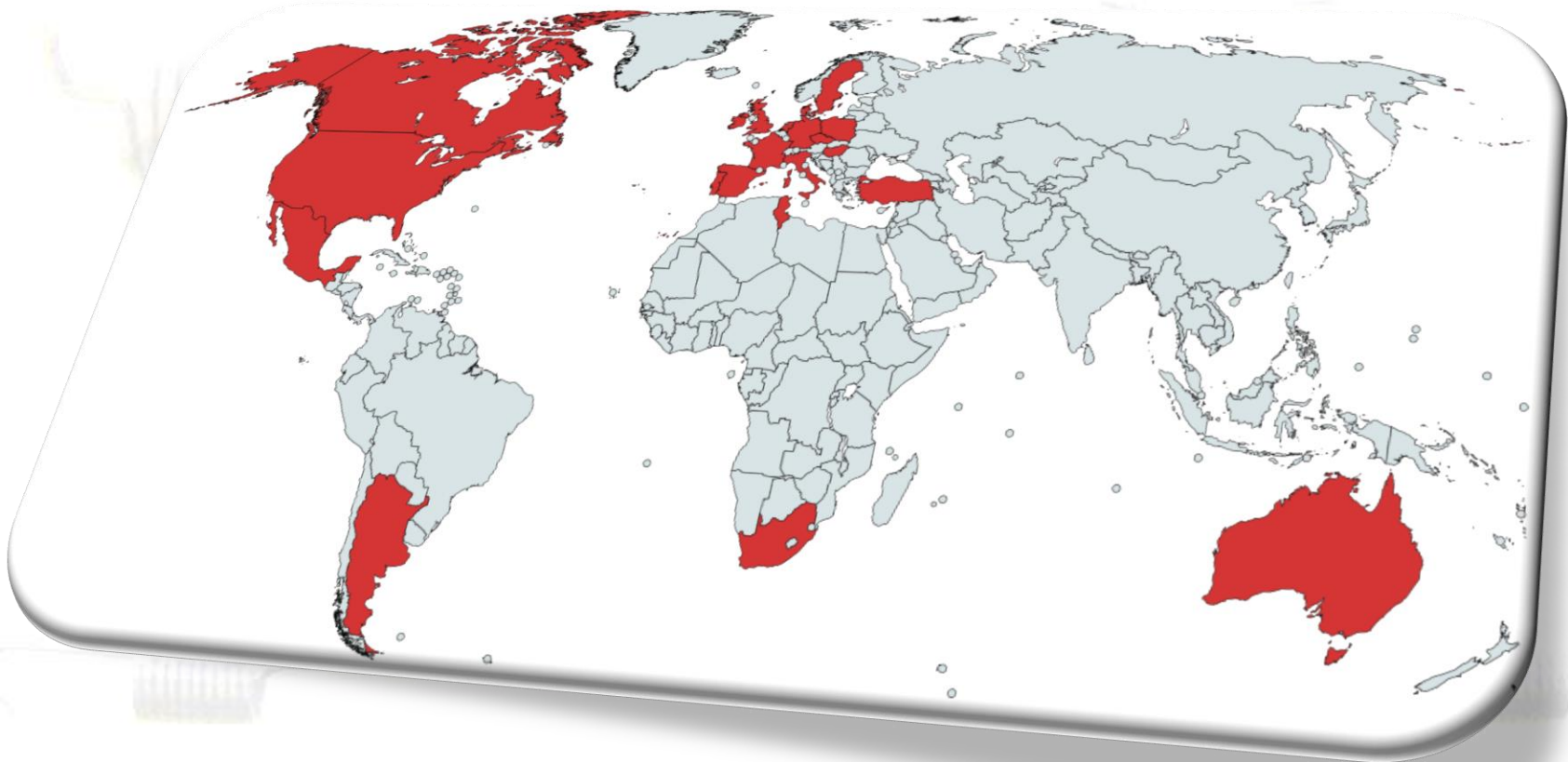
- TBE Designs and Manufactures Wire Forming; Spring Making and Special Purpose Machinery.
- Our Machinery produces high volume and fine tolerance component wire-forms which have application primarily in the following sectors:



- TBE is a global leader in the supply of “trim-wire” forming machinery.
- TBE constantly benchmarks our product quality and range against the industry; evaluating design trends across component parts; seeking to lead the market with technological developments.



### Our Global Customer Base



Over 250 Machines  
Delivered

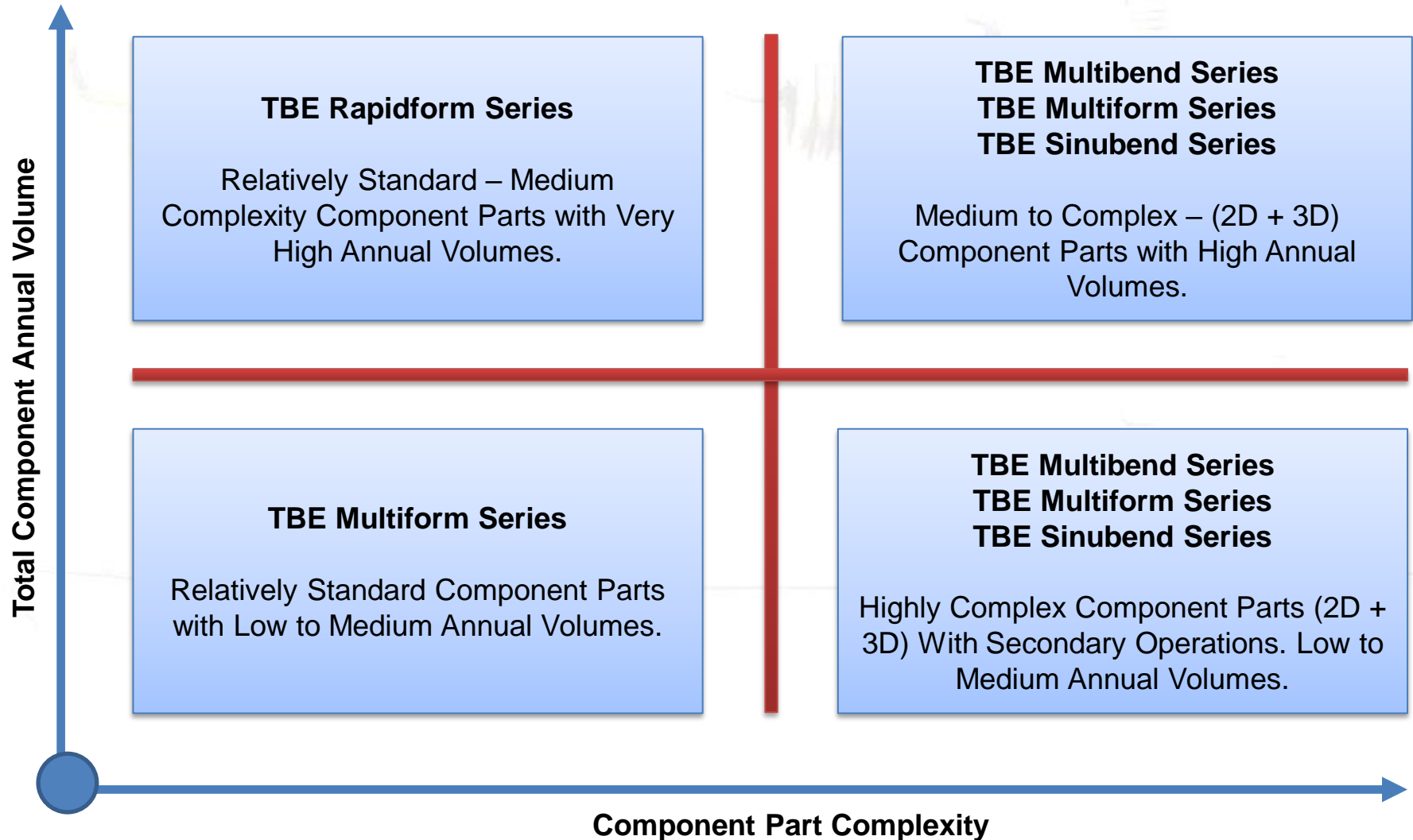


To Over 65 Unique  
Customers

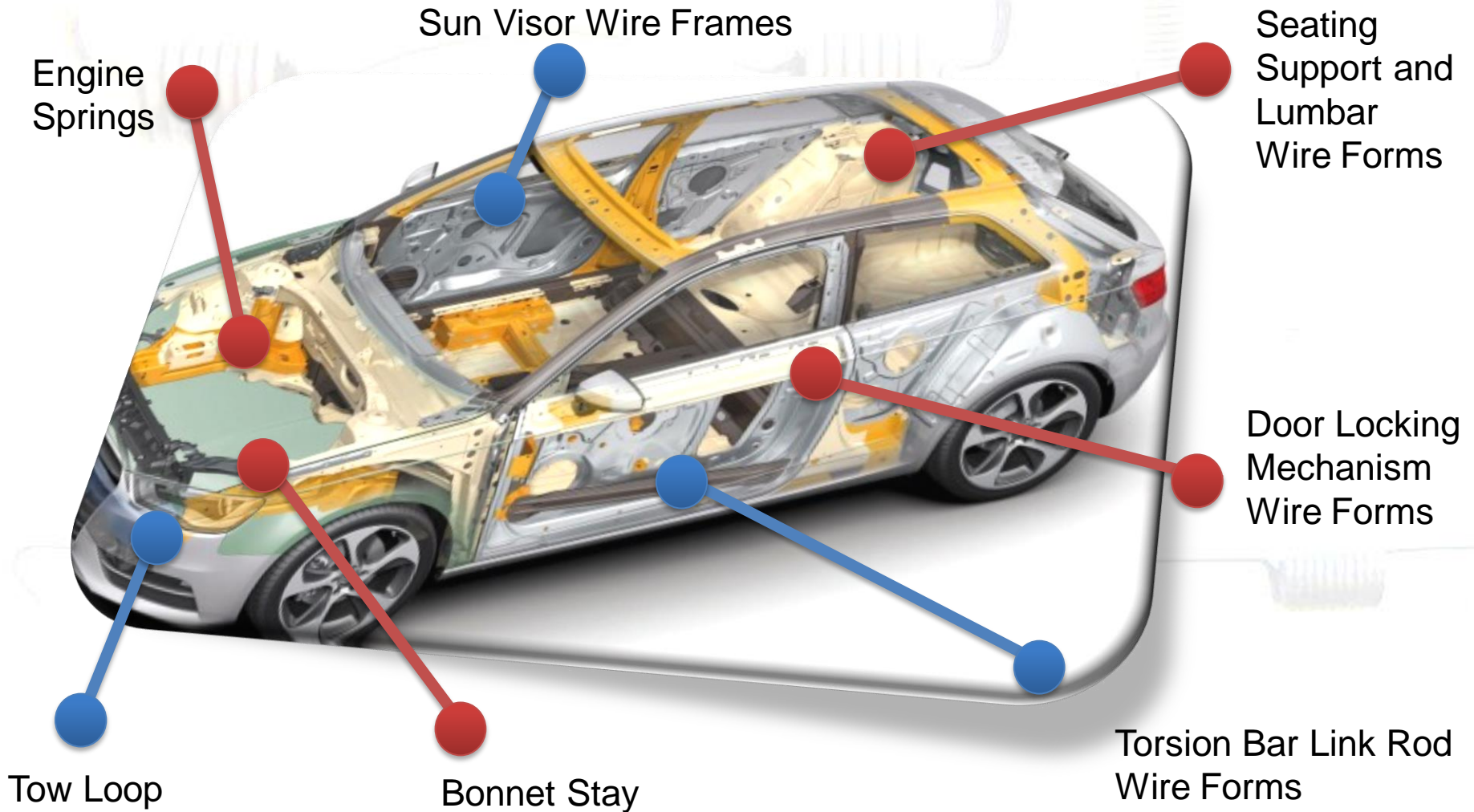


Across 20 Countries  
and 5 Continents

### TBE Product Range – Machine Series Applications



### Automotive Applications Of TBE Produced Wire Forms



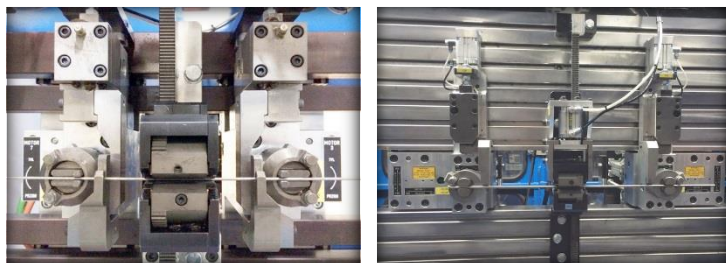
### TBE Multibend Series



#### TBE Multibend Series Highlights

Wire Diameter Range Ø	1.0MM – 10.00MM
Wire Bending Tooling Heads	Dual Head & Three Head Series
Sector Applications	Automotive, Construction, Agricultural, Domestic Appliances and Several Others
Max. Wire Developed Length	3 Metres

- Touch Screen Programming – TBE Systems
- Standard, Globally Available Controls: Allen-Bradley®
- Low Cost Standard Tooling Solutions
- Excellent Production Speeds
- Integrated Packing Solutions
- Exceptional Flexibility & Rapid Changeover Times



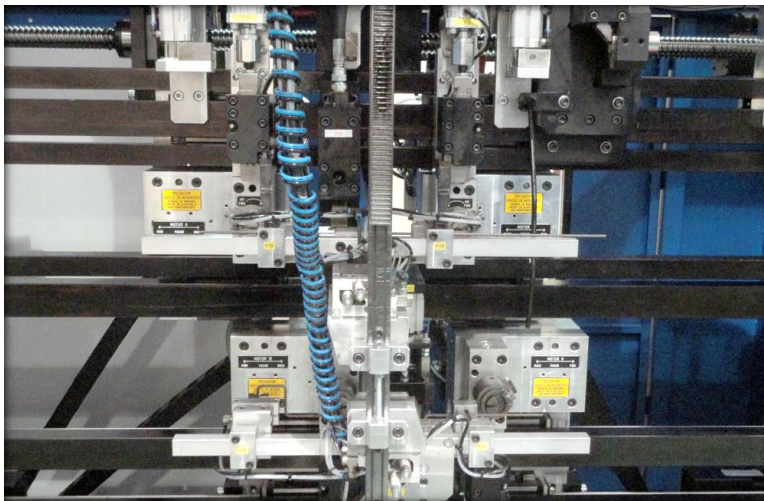


### TBE Sinubend Series

#### TBE Sinubend Series Highlights

Wire Diameter Range Ø	1.0MM – 6.5MM
Wire Bending Tooling Heads	Four Head Series
Sector Applications	Automotive, Construction, Agricultural, Domestic Appliances and Several Others
Max. Wire Developed Length	2.5 Metres

- Touch Screen Programming – TBE Systems
- Standard, Globally Available Controls: Allen-Bradley®
- Low Cost Standard Tooling Solutions – Four Head Concept
- Excellent Production Speeds
- Integrated Packing Solutions
- Exceptional Flexibility & Rapid Changeover Times



### TBE Multiform Series

#### TBE Multiform Series Highlights

Wire Diameter Range Ø	1.0MM – 10.00MM
Wire Bending Tooling Heads	Variable – As Required
Sector Applications	Automotive, Construction, Agricultural, Domestic Appliances and Several Others
Max. Wire Developed Length	3 Metres

■ Touch Screen Programming – TBE Systems

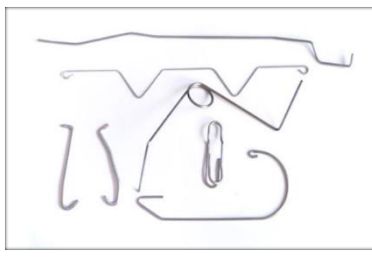
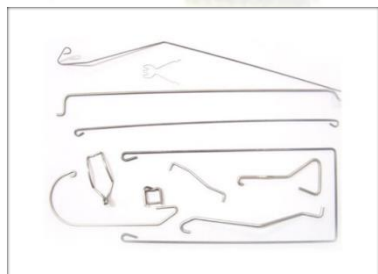
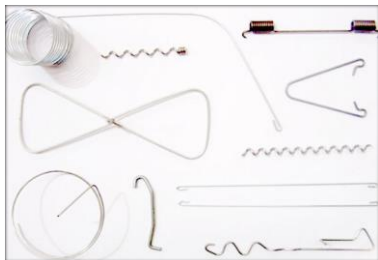
■ Standard, Globally Available Controls: Allen-Bradley®

■ Low Cost Standard Tooling Solutions

■ Excellent Production Speeds

■ Integrated Packing Solutions

■ Exceptional Flexibility & Rapid Changeover Times



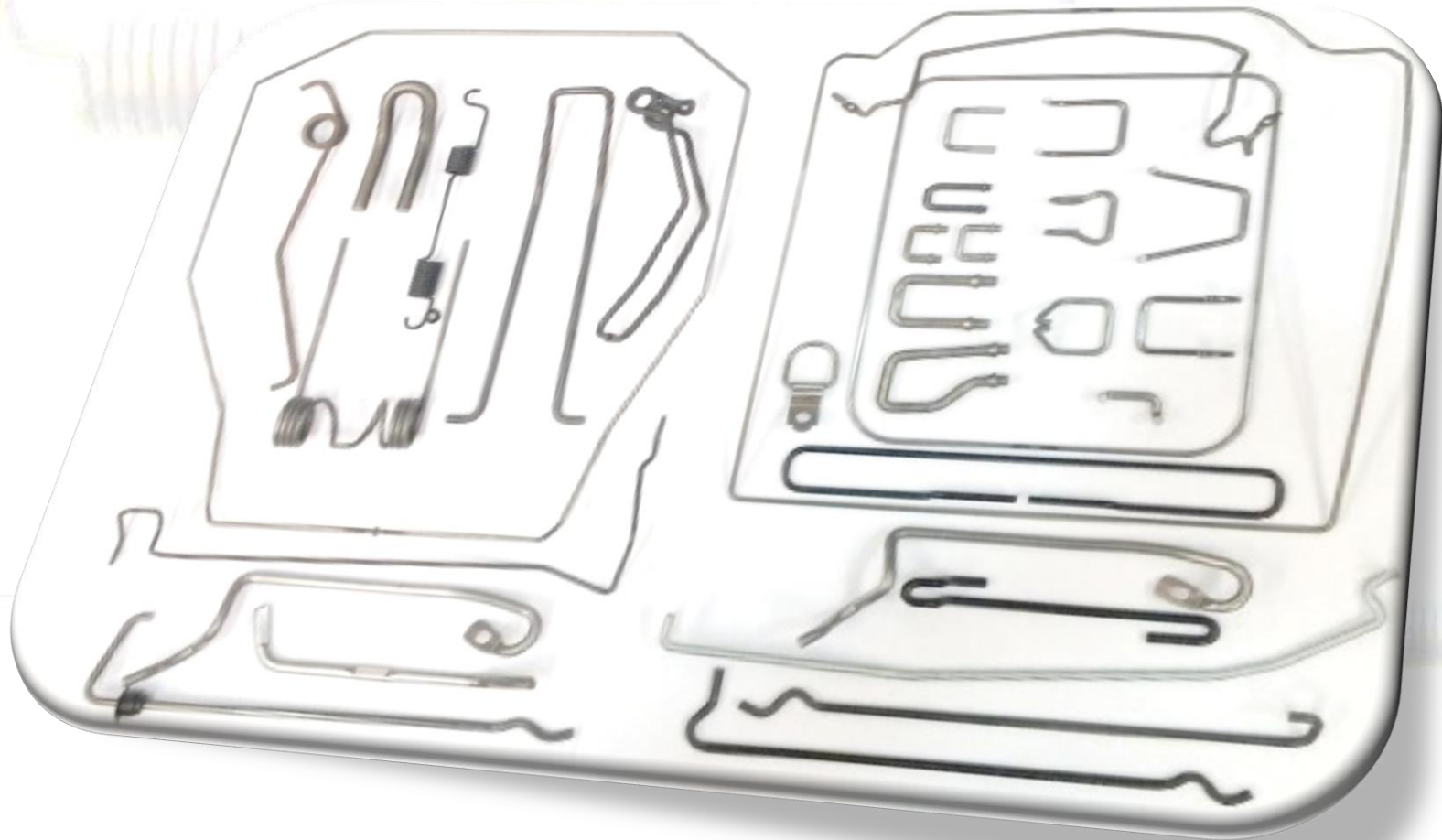


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## Special Wireforms With Secondary Operations Produced On TBE Machines



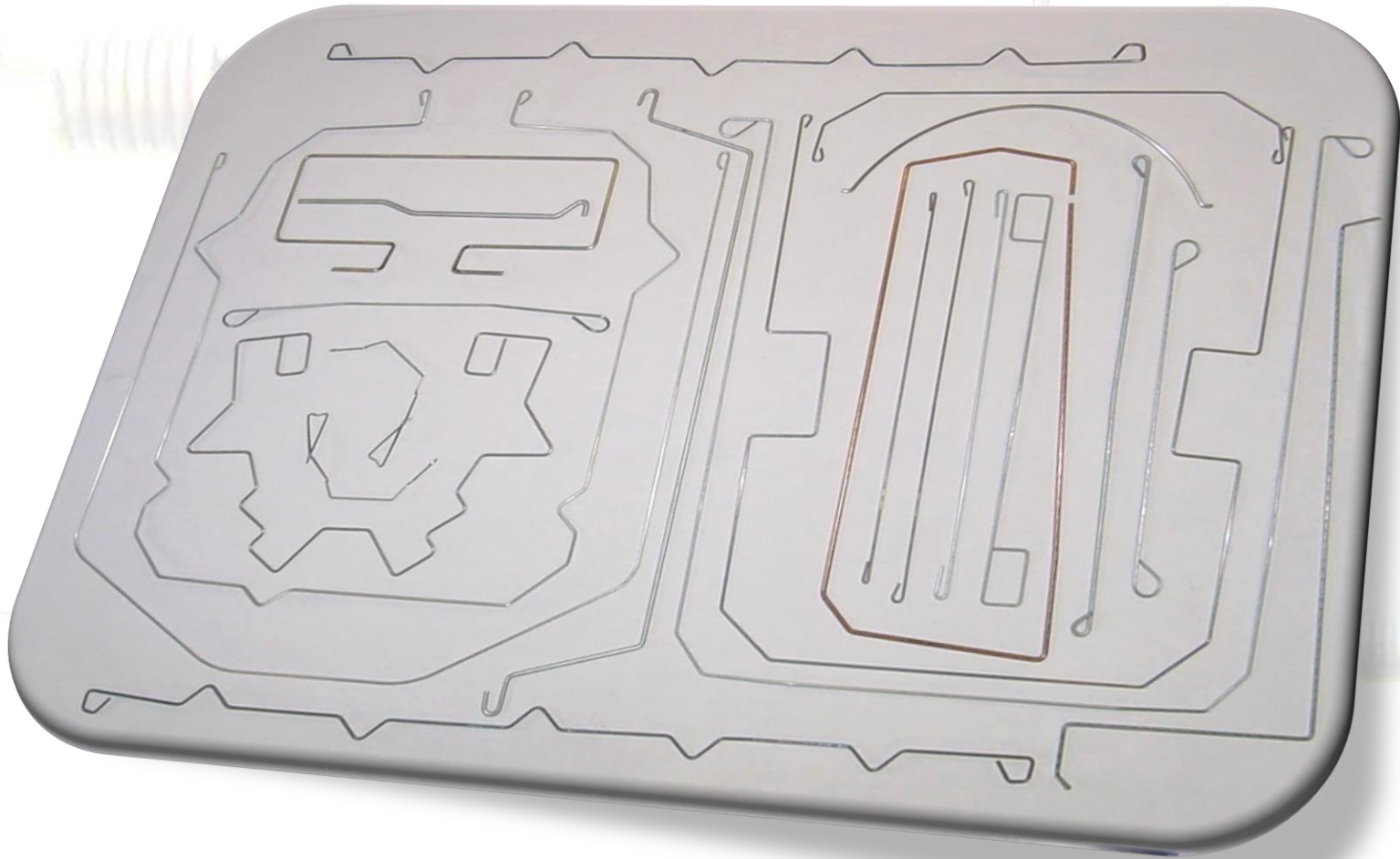


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## Complex Seating Wireforms Produced On TBE Machines





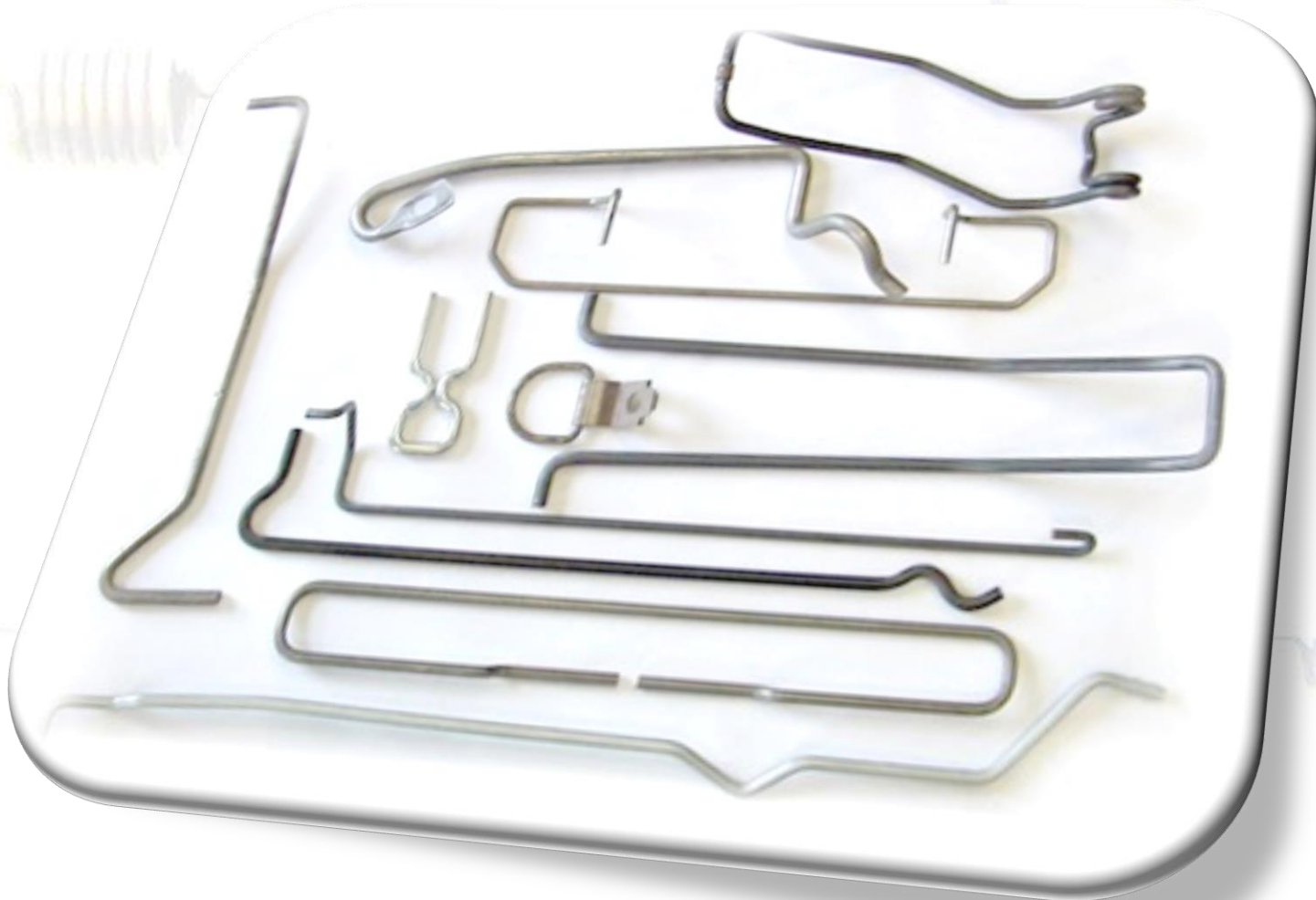


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## Special Wireforms Produced On TBE Machines



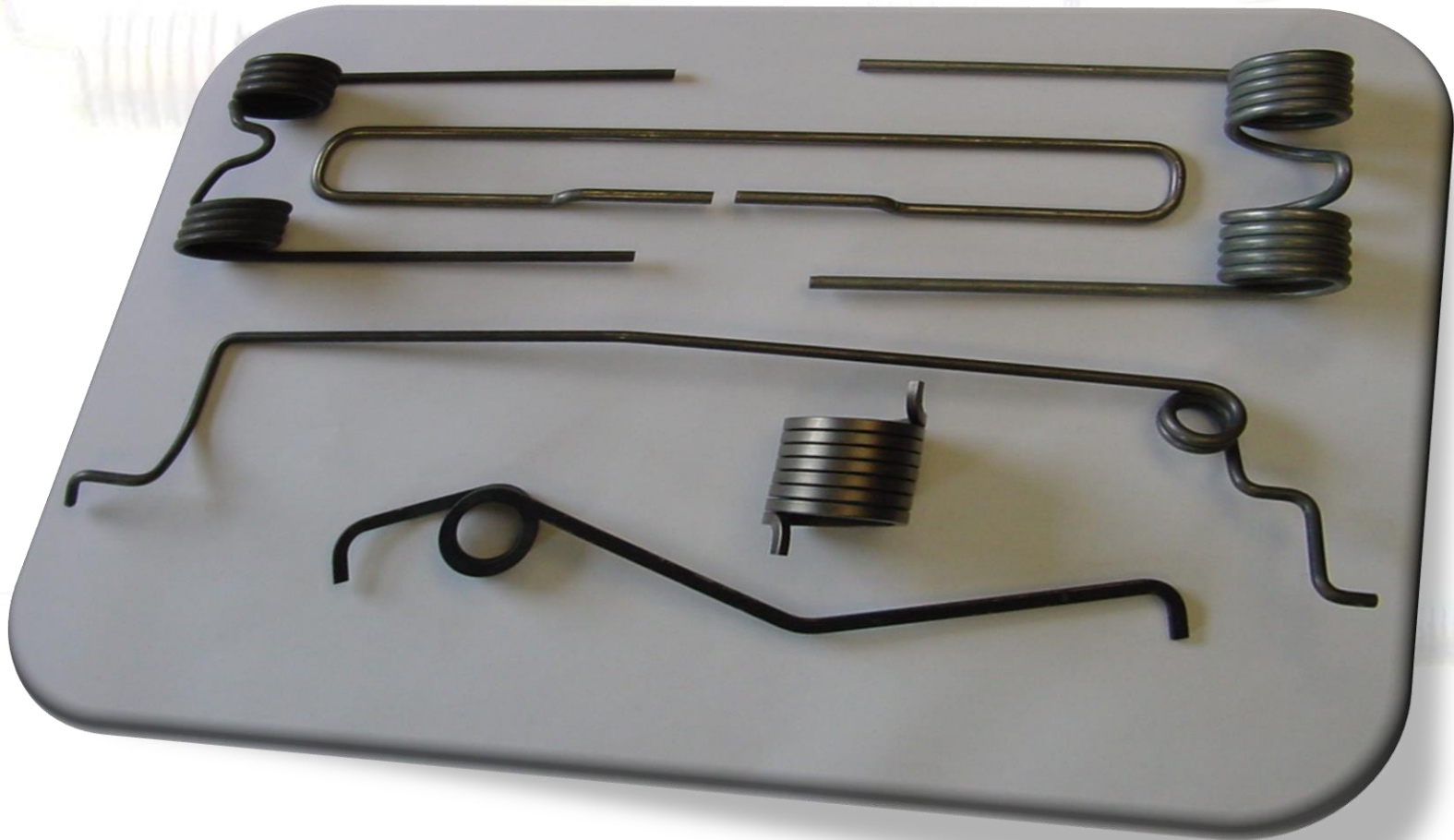


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## Special Torsion Springs Produced On TBE Machines



### Recent Significant Projects

- **2014:** TBE designated sole manufacturer by BMW (Germany) to design and manufacture a machine to produce a new series spring; for application on the BMW 4 Series Engine.
- **2015:** TBE designated sole manufacturer by Audi (Germany) to design and manufacture a machine to produce torsion bar support rods for the Audi Q7 Vehicle.
- **2015:** TBE designated manufacturer by Handi Foil Corporation (North America) to design and manufacture a machine to produce wire support assemblies for cooking trays; for mass supply in the home and food service industry.





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## Contact Us



## TBE Online



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