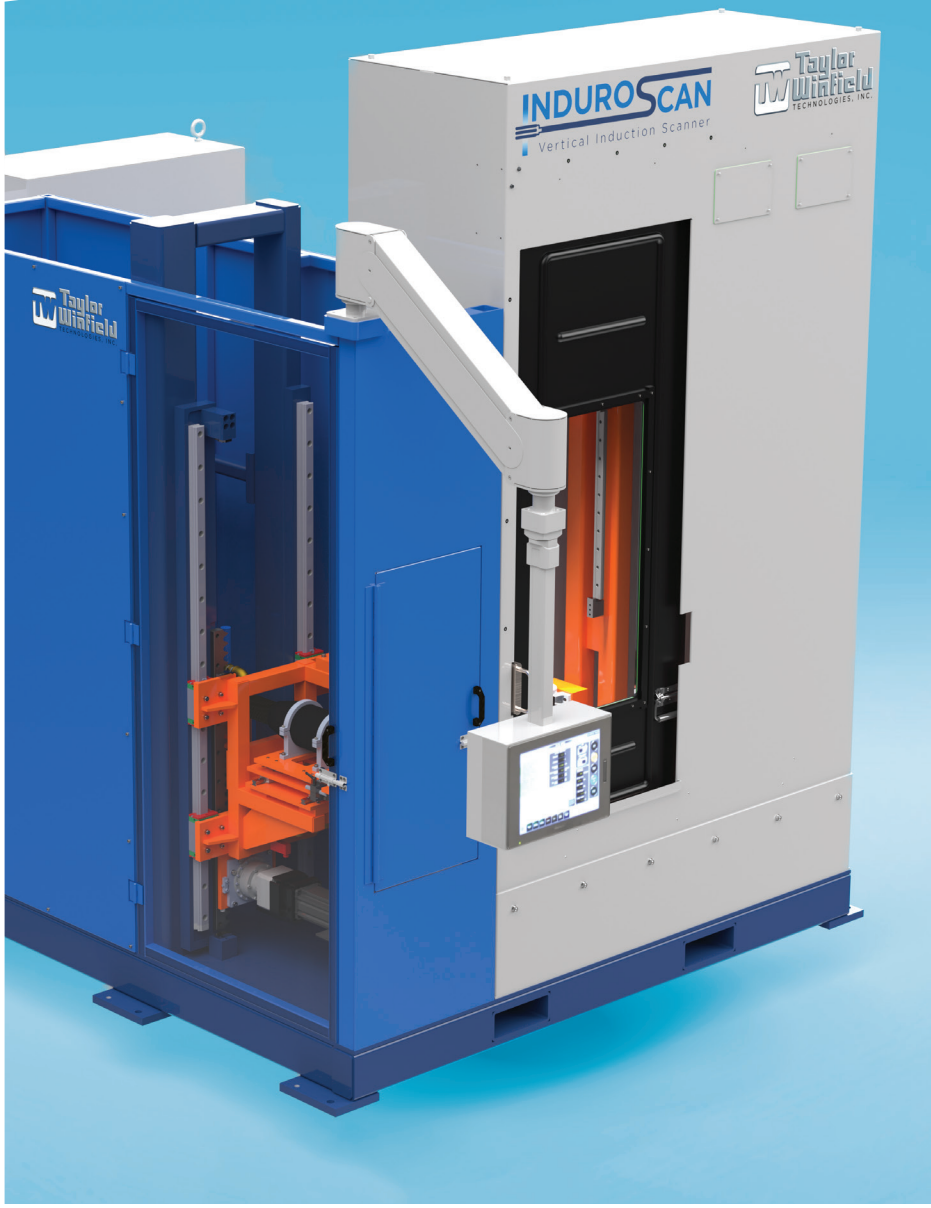
THE NEW

INDUROSCAN

Vertical Induction Scanner

FOR HARDENING CYLINDRICAL PARTS & SHAFTS

- **REDUCED CYCLE TIMES BY USING ADVANCED POSITIONING AND MOTION TECHNOLOGIES**
- **RAPID PART DIAMETER CHANGEOVER USING QUICK CHANGE COIL DESIGN UTILIZING SMED PRINCIPLES**
- **INCREASED SYSTEM LONGEVITY WITH MOTION COMPONENTS AND GUIDANCE SYSTEMS ISOLATED FROM QUENCH AREA**
- **ERGONOMICALLY DESIGNED FOR EASE OF OPERATOR INTERFACE**
- **EASY TO MAINTAIN WITH CONVENIENTLY POSITIONED COMPONENTS AND MAINTENANCE ACCESS DOORS**
- **MODULAR AND SCALABLE DESIGN ALLOWS FOR FLEXIBLE PART AND POWER REQUIREMENTS**



Taylor-Winfield has a long and substantial history of providing the highest quality induction heating machines to the heat treating industry, and this vertical induction scanner is no exception. Designed with operators' ease of use in mind, Taylor-Winfield's latest breakthrough – the **InduroScan** – is a scalable vertical scanning platform that dramatically reduces cycle time through advanced positioning and motion technologies.

Taylor Winfield
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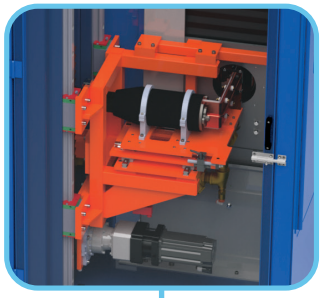
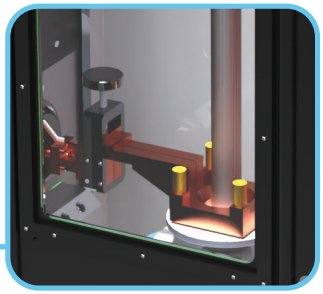
PUSHING BOUNDARIES. UPHOLDING TRADITION.



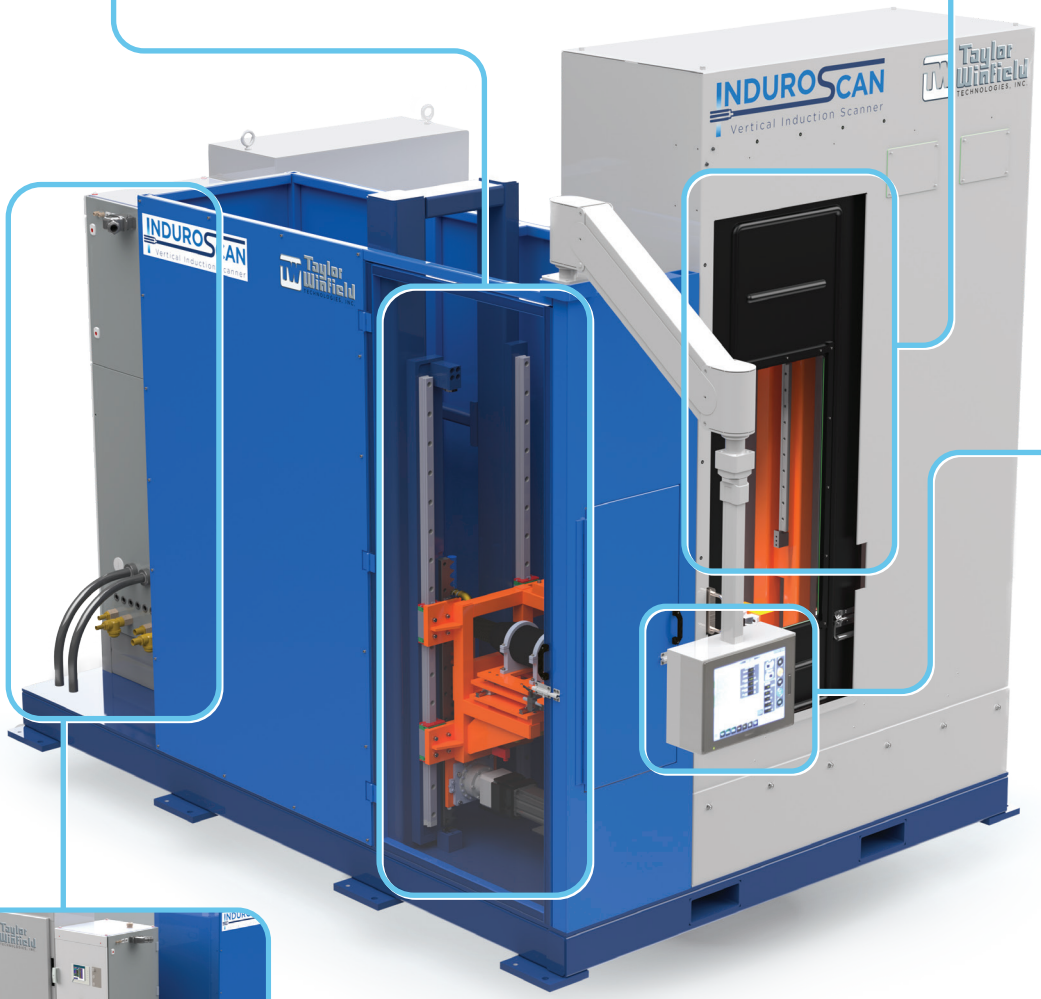
Isolated Drive System

- Lubrication free vertical drive
- Isolated from quenching system
- Easy to maintain as components are close to the operator and can be accessed through a maintenance panel



Scanning System

- 1/2” – 8” diameter
- 0-36” in length
- Customizable coil for application
- Scalable for custom applications



Control System

- Smart manufacturing ready with Industry 4.0 enable components
- CQI-9 quality feedback programmed to enable process data gathering and analysis to feed Overall Equipment Effectiveness (OEE) and quality / SPC requirements
- Multiple PLC platforms supported include Siemens, Rockwell / Allen-Bradley and more
- TWT Connect® for customer enabled remote service

Power Supply

TWT has a full range of standard and custom power supplies in various power sizes and frequencies to meet your part’s hardening requirements.

AUTOMATED ASSEMBLY

RESISTANCE WELDING

LINEAR FRICTION WELDING

COIL JOINING

ARC WELDING

INDUCTION HEATING