



... AT THE CORE OF YOUR BUSINESS

Tranco Production Machines Ltd.
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Celebrating more than 40 years in core-winding solutions

TRANCO Core-Winding Machine Comparison Chart

Features	SD 1036	SDH 1452
Maximum Winding Speed: 300 Feet (91.44m) per minute	•	•
Cut thickness: .007 to .014 inches (.1777mm - .356mm)	•	•
Cutting Width: 3 inches (76mm) up to 10.5 inches (266mm)	•	
Cutting Width: 4 inches (101mm) up to 14 inches (355.6mm)		•
Minimum I.D.: 4.5 inches (114mm)	•	
Minimum I.D.: 6.5 inches (165.1mm)		•
Maximum O.D.: 36 inches (915mm)	•	
Maximum O.D.: 52 inches (1320mm)		•
Max Core weight: 850lbs (385kg)	•	
Max Core weight: 1300lbs (589 kg)		•
Dimensions: 95" H, 108" W, 46" D	•	
Dimensions: 84" H; 156" W; 78" D		•
Two servo operation	•	•
Two Gearboxes	•	•
Full PLC system with ability to add up to 2 more servo drives	•	•
Fused at 40 amps	•	•
Dual Safety Hand Pads (used to operate machine in manual mode)	•	
Memory for recipes (can be held in HMI or PLC)	•	•
10" Touchscreen HMI	•	•
Ethernet connectivity for online support	•	•
Individual IP address available	•	•
Spiral Cores (DG Cores)	•	•
Toroid Cores (no cuts)	•	•
Concentric Cores	•	•
Machine "STOP" set to either finished diameter, number of sheets or finished weight	•	•
Programmable overlap of final cut	•	•
Programmable to finished angle (for Tig welding or strapping)	•	•
Sheets/Group can be set to any number	•	•
Sheets/Group automatic increase	•	•
HMI with continuous monitoring and display of BUILD, SPEED, CYCLE TIME, WEIGHT and number of SHEETS while machine is in RUN mode	•	•
Additional displays available at customer's request	•	•
Additional module space to allow for expandability of discrete I/O for future sensors & controls	•	•
Ability to interface with external safety devices	•	•
300ft./minute speed capability (based on strip width and thickness)	•	•
Winding speed increase/decrease in increments of 5ft/per min.	•	•
Any number of books of Gaps can be increased in size to help with forming process	•	•
Toroid wraps can be added at beginning of cycle to help with forming process	•	•
Wrap up turns (optional: additional Toroid wraps can be added to the finished Core)	•	•
Capable of dual strip widths (additional cost)	•	•
First gap sizing adjustment capability	•	•
Speed compensation (ability to maintain approximate gap position when winding speed is changed)	•	•
Gap Offset variable adjustment (allows operator to adjust spacing between gap start positions)	•	•
Gap Size variable adjustment (allows operator to adjust the gap size as per Core specs)	•	•
Density Adjustment (operator can adjust Density setting for correct weight parameters)	•	•
Local language programmable on HMI (translation to be provided by customer)	•	•