



... AT THE CORE OF YOUR BUSINESS

Tranco Production Machines Ltd.  
905.669.4840

Celebrating more than 40 years in core-winding solutions

## TRANCO Model SDH 1452

Our newest model, the SDH 1452, is capable of producing a much larger core without compromising on quality, speed or reliability. This makes it the core-winding solution of choice for applications requiring a large-size finished core.

- » Two servo operation
- » Full PLC system with ability to add up to 2 more servo drives
- » Fused at 40 amps
- » 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
- » /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)



### SDH 1452 Features

- » Maximum Winding Speed: 300 Feet (91.44m) per minute
- » Cut thickness: .007 to .014 (.1777mm - .356mm)
- » Cutting Width: 4 inches (101mm) up to 14 inches (355.6mm)
- » Minimum I.D.: 5 inches (165.1mm)
- » Maximum O.D.: 52 inches (1320. mm)
- » Max Core weight: 1300lbs (589 kg)
- » Dimensions: 84" H; 156" W; 78" D

### OPTIONAL FEATURES:

- » Light curtain