



Manufacturer of Postforming and Laminating Machinery

**Edgetech, Inc.**  
 11933 12<sup>th</sup> Avenue South  
 Burnsville, MN 55337 USA  
 952-881-1925  
 fax 952-881-0374  
[www.EdgetechUSA.com](http://www.EdgetechUSA.com)

# IT540 Semi-Automatic Index Table



Edgetech's IT540 Semi-Automatic High Speed Indexing System is designed to reduce the time and labor required for indexing laminate materials to cores.

A powered conveyor transports the core into the IT540 Index Table. Another powered conveyor brings the laminate to within easy reach of the operator for placing onto the index table arms. An automatic clamping system holds the core tightly while the laminate is indexed. A PLC, utilizing photoeyes, senses the location of the core and laminate to control the feeding of materials to and from the station.

## Standard Features

- Powered belt drive
- PLC controlled sequence of operation utilizing photoeyes
- Variable infeed and outfeed speeds (10 - 150 FPM)
- Pneumatic operated vacuum generator on each support arm to hold laminate with vacuum cups
- Pneumatically balanced laminate support arms
- Pneumatic clamping system to hold core in place during indexing process
- Core stop to position core and actuate core clamping
- End stop to position laminate flush with end of core
- Handwheel adjustment with digital readout for core width dimension
- Handwheel adjustment with digital readout for laminate overhang dimension

## Optional Features

- Pneumatic pivoting of the support arms (indexes the laminate and returns arms to open position)
- Fence on pivot side fixed / opposite side moveable
- Powered infeed roller conveyor with drive rings (cores) – 12 foot length
- Gravity infeed roller conveyor (laminate) – 12 foot length
- Powered infeed roller conveyor (laminate) – 12 foot length
- Powered outfeed roller conveyor with drive rings (cores) – 12 foot length
- Integration of controls for powered belt drive and powered conveyors\*

Note: IT540 and optional powered conveyors include individual electrical controls – integration of the IT540, powered conveyors and any other related equipment (spray system outfeed conveyor, pressure roller, etc.) can be provided – the cost can be determined once requirements are known.

## IT540 Index Table Specifications

Submit profiles for review. Some restrictions may apply to combinations of these dimensions.

Model	IT540
Deck thickness	1/2" – 2" (cores 1-5/8"+ require 1/2" min. laminate overhang)
Deck width	14" – 52"
Builddown stick thickness	3 1/4" max.
Countertop length	96" – 145"
Laminate overhang (see Deck thickness above)	0" – 11"
Electrical requirement	120V 60 Hz 1 Phase 15 Amp
Air requirement	80 – 120 PSI
Machine working height	37"
Machine width x length	80" x 15' 1" (excluding optional conveyors)
Shipping weight – IT540 (approximate)	1,200 lbs.

Production capacities and specifications are provided for the convenience of our customers and are not binding. Edgetech reserves the right to make changes without notice. Please contact us if the above capacities and/or specifications do not meet your requirements.