

# Core Cutters

**TC40**  
SERIES *R*



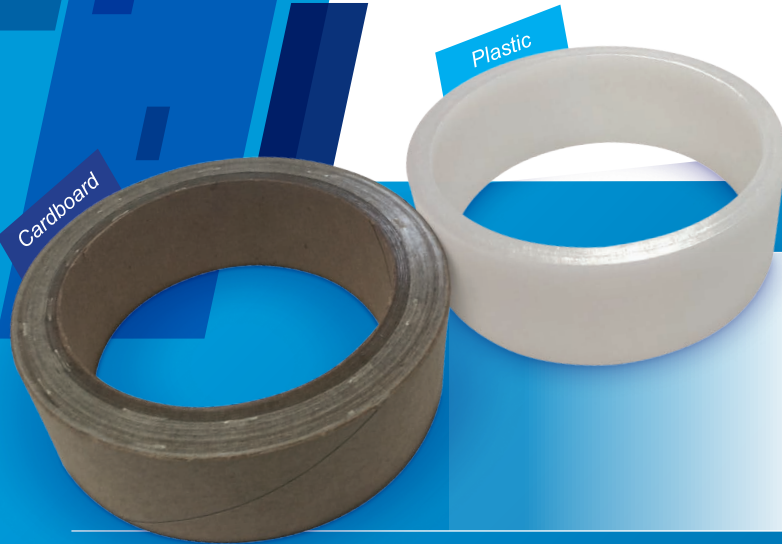
**Parkland**  
International



The Parkland TC40 Series R is an automatic machine that provides the highest quality cut core with only minimal operator input, producing an accurate, highly polished burr free finish to the core.

# Core Cutters

**TC40**  
SERIES *R*



## Benefits

- Longer life cycle of the cutting knife
- Highly polished and accurate cut
- Reduces manual input and operator fatigue
- Low maintenance
- Minimal dust and burr after cut
- Operator friendly

## Description

The Parkland TC40 Series R is an automatic machine that provides the highest quality cut core with only minimal operator input, producing an accurate, highly polished, burr free finish to the core. The machine features both a static blade and anvil to produce a burnished, virtually dust free finish to the core. Operator setup is eliminated due to the blade being self-seeking, sending a signal to the processor when in contact with the anvil, confirming the cut has been made. Automatic indexing of the blade ensures a keen edge for optimum cut quality and blade life. Additional features, quick and easy setting for different core diameters and wall thicknesses and the ability to cut both cardboard and plastic cores, makes this model ideal for the medium to high volume of user. Optional core loading systems can be added at point of a sale or retrospectively for full automation to give a continuous cutting cycle.

## Features

- Parent cores range from 200mm (8") - 3000mm (118") long
- Core sizes from 25.4mm (1") - 152.4mm (6") ID
- Wall thickness 20mm (3/4") cardboard, 11mm (7/16") on plastic
- Quick and simple core diameter change
- Accurate cutting length with indexing accuracy of  $\pm 0.2$ mm
- CE marked to the latest Health & Safety standards
- HMI colour touch-screen
- Variable speed control for varied core specifications
- Remote access via ethernet connection
- Rockwell Automation worldwide support network
- Automatic parent core measuring facility
- Automatic removal of core scrap piece
- Automatic knife indexing for increased life cycle of the knife
- Pneumatic chuck for gripping of the core
- Multiple cut lengths from same parent core
- Optional - Automatic parent core injector feed system

## Dimensions

MACHINE	HEIGHT	WIDTH	LENGTH
TC40/60	1450mm (57")	930mm (36-5/8")	3070mm (10'1")
TC40/80	1450mm (57")	930mm (36-5/8")	3570mm (11'9")
TC40/100	1450mm (57")	930mm (36-5/8")	4070mm (13'4")
TC40/120	1450mm (57")	930mm (36-5/8")	4570mm (15'0")

## Technical Data

- Electrical Supply - 380/440v / 50/60Hz / 3 phase, neutral & earth
- Power Supply - 16amps / phase
- Air Supply - 80psi / 5.5bar
- Air Consumption - 1cfm (1.7cu.m / hour)

**Manufacturing:** Portland Street | Bury | Lancashire | BL9 6EY  
Tel +44 (0)161 762 9737 | Fax +44 (0)161 762 9738  
sales@parkland-international.com | www.parkland-international.com