

Core Cutters



Intelligence to the Core



Parkland
International



The New Parkland i30 semi-automatic core cutting machine has been designed by taking production and shopfloor issues and developing a machine that delivers quality cut cores every time. If you are a medium volume user looking to cut cores in-house or a large volume user looking to back up your current production, the i30 delivers what really matters.

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Benefits

- Reduces costly and timely pre-cut supply.
- Reduction in storage space of pre-cut cores.
- Rapid tooling changes for multiple core dimeters.
- High quality and burnished cut finish.
- Satisfies on demand requirements.
- Reduces operator misuse when setting.
- Small and compact footprint.

Description

Research and Development

During the development of the i30 we really wanted to explore what would make your job easier. We found that core availability, core cut quality, slow diameter change over times and operator errors were the biggest cause for frustration on the shop floor. These have been at the forefront of our design process.

Rapid Diameter Change

The i30 offers incredibly fast changeover times between Ø25.0mm to Ø76.2mm ID with minimal tooling change. This means that production capability can be increased and machine downtime virtually eradicated, making the i30 the next must-have machine for your shop floor.

Burnished, Accurate Cuts

Utilising our experience and existing static blade and anvil technology we have integrated our principles in servo technology alongside the automated process to give you a perfect, burnished cut every single time. Burred Cores are eliminated at source avoiding costly downtime further down the production line.

Manual Core Loading

Simply load your parent core, input your cutting pattern and let the i30 deliver perfect cut cores every time.

Features

- Core material - Cardboard
- Parent cores range from 300mm - 1620mm long
- Core sizes from 25.0mm – 76.2mm ID
- Maximum wall thickness 6 mm
- Minimum wall thickness 1.5 mm
- Accurate cutting length with indexing accuracy of ± 0.2 mm
- Marked to the latest Health & Safety standards
- Remote access via ethernet connection
- Rockwell Automation worldwide support network

Dimensions

MACHINE	HEIGHT	WIDTH	LENGTH	WEIGHT
i30	1710 mm	710 mm	3001 mm	700 KGS

Technical Data

- Electrical Supply - 380/440v / 50/60Hz / 3 phase, neutral & earth
- Power Supply - 16amps / phase
- Air Supply - 80psi / 5.5bar
- Air Consumption - 1 cfm (28.31 L/min)

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