



**F**OUNDRY  
**M**ACHINERY AND  
**S**PARES LIMITED

# TRICOR Core machines



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# Standard sizes

MODEL	LBC 250	LBC 400	LBC 600
MAX CORE BOX SIZE	400 X 250 X 250mm (HIGH)	400 x 400 x 400mm (HIGH)	600 x 600 x 600mm (HIGH)
TABLE LIFT CYLINDER	300mm diameter x 100mm stroke	300mm diameter x 100mm stroke	300mm diameter x 400mm stroke
SHOOT CAPACITY	5 litres (7.5kg)	12 litre (18kg)	25 litres (35kg)
MAX SHOOT AREA	350 x 150mm	350 x 350mm	500x 500mm
MAX GASSING AREA	350 x 150mm	350 x 350mm	500 x 500mm
SAND HOPPER CAPACITY	35kg	60kg	150kg
CLAMPING SYSTEM	Pneumatic	Pneumatic	Air/Oil OR Hydraulic

We reserve the right to alter specifications and design subject to future modifications and development

# Overall sizes

MODEL	OVERALL LENGTH	OVERALL HEIGHT	HEIGHT FROM FLOOR TO MIXER OUTLET	OVERALL WIDTH	DISTANCE FROM WORKING AREA TO CENTRE OF MIXER
LBC 250	1800mm	--	2300mm	800mm	350mm
LBC 400	3000mm	3550mm	2750mm	1500mm	450mm
LBC 600	2600mm	4350mm	3400mm	1600mm	450mm

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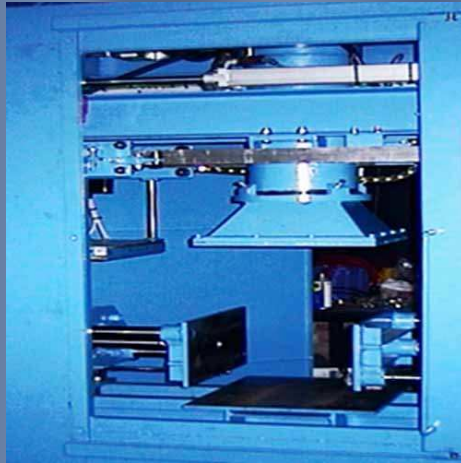
# General and specification

The Tricor range of core machines are designed to accept loose or fixed coreboxes up to a maximum size of 600 x 600 x 600mm. Cores are blown and gassed using a chemically bonded, gas hardened, sand mixture.

The machine can be used with vertical and horizontal split loose coreboxes or with vertical split fixed coreboxes.

- Can be supplied complete with TRIGAS gassing generator
- Double shoot facility
- Choice of manual or automatic cycle sequencing
- Ideal for continuous short run or 'jobbing' production
- PLC control system with single or dual corebox operation
- By utilising existing boxes, tooling costs minimised
- Machine totally enclosed in integral fume cabinet
- Can be supplied complete with TRITON sand mixer
- Optional:- Fixed corebox mounting rigs, core ejection system, fume extraction system

# Previous Core machines



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