

barwell COMPRESSION PRESS

Hydraulic compression moulding

The range of **barwell Compression Presses** is a high performance, low investment, accurate and reliable method of compression moulding designed specifically for the rubber industry.

- A technologically advanced system that provides high quality production and control
- An exceptionally safe method of production which virtually eliminates risk of operator injury
- A cost-cutting and environmentally friendly solution as material wastage is kept to an absolute minimum especially when used in conjunction with a Barwell Preformer
- A robust and superior press that is manufactured using premium quality components, construction methods and materials
- An operator-friendly and fully programmable system that reduces set-up time and increases production capacity
- A fully supported solution with installation, training, servicing and spares options available
- A bespoke solution that can be tailored to the requirements of the processor



Features

- Simple plug and play installation
- Built to last with high quality components and construction
- Heating circuit with programmable alarms
- Programmable vent breathing and bump action for high quality production and greater control
- Superior quality Rexroth and Yuken hydraulics
- High quality Omron PLC / HMI

Options

- 50-1000 tonnes versions
- Vacuum press
- Single or double press models
- Up or down stroking choices
- Flexible daylight
- Platen size can be specified
- Standard or proportional hydraulic control
- Electric heated platens (or steam option)
- Optional tilting top platen for cleaning and ease of moulding removal
- Training and commissioning packages
- Service and support packages
- Optional bottom sliding platen
- Optional side ejectors





Double **barwell** Compression Press

Safety

- CE Marked
- Interlock safety panels reduces risk of injury
- Optional tilting top platen for cleaning and ease of moulding removal
- Sliding bottom table for safe and easy loading and unloading
- Heating circuit with programmable alarms



Typical products made on a **barwell** Compression Press

barwell Compression Press Technical Data

		CPT100	CPT150	CPT200	CPT250	CPT300
Clamping force	Kn/Tonnes	1000 / 100	1500 / 150	2000 / 200	2500 / 250	3000 / 300
Size of heating plates	mm	400 x 400	420 x 440	520 x 540	570 x 600	680 x 680
Daylight	mm	350	350	350	350	350
Opening stroke	mm	320	320	320	320	320
Min. mould height	mm	30	30	30	30	30
Heating capacity	kW	3.0 x 2	4.5 x 2	7.2 x 2	8.4 x 2	9.6 x 2
Working height	mm	1020	1050	1150	1220	1245
Total connected load*	kW	11.5 (13)	14.5 (16)	21.9 (23.9)	24 (26)	30.2 (33.2)
Sliding table		Optional	Optional	Optional	Optional	Optional
Mould handling systems 2RT		Optional	Optional	Optional	Optional	Optional
Mould handling systems 3RT		Optional	Optional	Optional	Optional	Optional
Up-acting ejector system (Ejector mechanism in demoulding position)		Optional	Optional	Optional	Optional	Optional
CE Conformity		Standard	Standard	Standard	Standard	Standard

* Data in brackets is for Vacuum Press version

Details of other sizes available on request
Based on single press versions

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