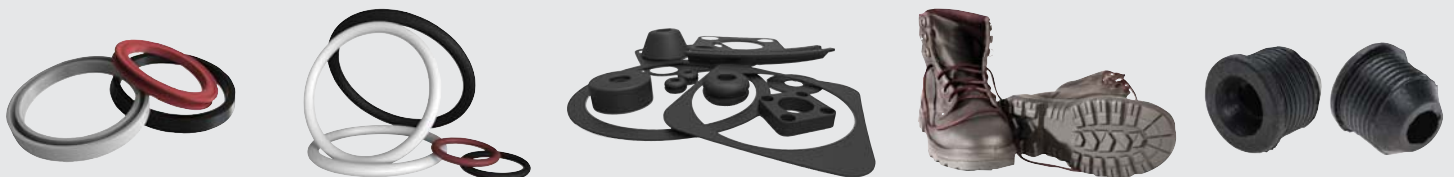




Rubber Compression Moulding Machines

Single and Double Station Compression Presses



...a lifetime of reliability and support



Barwell Compression Moulding Presses

A high performance, low investment, accurate and reliable method of compression moulding, designed specifically for the needs of the rubber industry.

- Technologically advanced to provide high quality production and control
- Exceptionally safe, virtually eliminating risk of operator injury
- Cost-cutting and environmentally friendly as material wastage is kept to a minimum, especially when used in conjunction with a Barwell Preformer
- Robust and reliable, manufactured using premium quality components, construction methods and materials
- Operator-friendly and fully programmable, reducing set-up time and increasing production capacity
- Machines can be specified to the customer's specific production requirements

OPTIONS

- Available in 100 to 500 ton models
- Vacuum press or standard
- Single or double press
- Flexible daylight
- Multi daylight
- Platen size can be specified
- Electric heated platens (or steam option)
- Tilting top platen
- Bottom sliding platen
- Side and bottom ejectors

barwell COMPRESSION PRESS
Hydraulic compression moulding

FEATURES

- Simple plug and play installation
- Programmable vent breathing and bump action to increase production control and quality
- Highly specified hydraulics, incorporating advanced proportional control system
- Easy to use and reliable Omron PLC / HMI



ENHANCED SAFETY

Health and safety is a primary concern for those responsible for machine maintenance and operator safety.

Barwell machines are manufactured to comply with international safety standards and are supplied with a number of features to ensure safe operation.

- Interlock safety panel guarding significantly reduces the risk of operator injury
- Heating circuit includes programmable alert alarms
- CE compliant Safety light curtains Category 4 for maximum operator protection
- Optional tilting top platen allows easy cleaning and simple mould removal
- Sliding bottom table provides safe and easy loading/unloading
- Fully compliant to CE regulations



APPLICATIONS

Typical products that can be made on a Barwell Compression Press include:

- Oil seals
- O rings
- Golf balls
- Boots
- Shoes
- Car mats
- Grommets
- Automotive parts
- And many more



SUPPORT

Barwell has always taken the approach that a customer needs to be supported for the lifetime of the machine.

- Commissioning and servicing packages available
- Technical support
- Spare parts

barwell Support
Advice | Spares | Service 



Standard Compression Press Technical Data

Single Press												
Code	Clamping Force (Ton)	Daylight Opening (mm)	Stroke (mm)	Heating Platen Size (mm)	Diameter of Cylinder (mm)	Type of Mould Opening	PLC/HMI	Total Power (kw)	Weight (kg)	L (cm)	W (cm)	H (cm)
BCP-100T-2RT-S	100	300	270	400 x 400	250	Front ejection and mould open (2RT)	Yes	11.5	3000	150	180	170
BCP-200T-2RT-S	200	300	300	560 x 560	355	Front ejection and mould open (2RT)	Yes	21	5000	200	240	200
BCP-250T-2RT-S	250	300	300	600 x 650	400	Front ejection and mould open (2RT)	Yes	24.5	6500	240	250	210
BCP-300T-2RT-S	300	300	300	650 x 650	450	Front ejection and mould open (2RT)	Yes	30	8500	245	250	220
BCP-350T-2RT-S	350	300	300	700 x 750	475	Front ejection and mould open (2RT)	Yes	31	10000	250	260	220
BCP-400T-2RT-S	400	300	300	850 x 850	500	Front ejection and mould open (2RT)	Yes	31	12000	260	300	240
BCP-500T-2RT-S	500	300	300	1200 x 1200	565	Front ejection and mould open (2RT)	Yes	54	15000	280	385	240
BCP-100T-3RT-S	100	300	270	400 x 400	250	Front ejection and mould open (3RT)	Yes	11.5	3500	150	180	170
BCP-200T-3RT-S	200	300	300	560 x 560	355	Front ejection and mould open (3RT)	Yes	21	5500	200	240	200
BCP-250T-3RT-S	250	300	300	600 x 650	400	Front ejection and mould open (3RT)	Yes	24.5	7000	240	250	210
BCP-300T-3RT-S	300	300	300	650 x 650	450	Front ejection and mould open (3RT)	Yes	30	9000	245	250	220
BCP-350T-3RT-S	350	300	300	700 x 750	475	Front ejection and mould open (3RT)	Yes	31	11000	250	260	220
BCP-400T-3RT-S	400	300	300	850 x 850	500	Front ejection and mould open (3RT)	Yes	31	13000	260	300	240
BCP-500T-3RT-S	500	300	300	1200 x 1000	565	Front ejection and mould open (3RT)	Yes	54	16500	280	385	240

Double Press												
Code	Clamping Force (Ton)	Daylight Opening (mm)	Stroke (mm)	Heating Platen Size (mm)	Diameter of Cylinder (mm)	Type of Mould Opening	PLC/HMI	Total Power (kw)	Weight (kg)	L (cm)	W (cm)	H (cm)
BCP-100T-2RT-D	100	300	270	400 x 400	250	Front ejection and mould open (2RT)	Yes	23	4500	250	180	170
BCP-200T-2RT-D	200	300	300	560 x 560	355	Front ejection and mould open (2RT)	Yes	42	7000	300	240	200
BCP-250T-2RT-D	250	300	300	600 x 650	400	Front ejection and mould open (2RT)	Yes	49	9000	340	250	205
BCP-300T-2RT-D	300	300	300	650 x 650	450	Front ejection and mould open (2RT)	Yes	60	11000	345	250	210
BCP-350T-2RT-D	350	300	300	750 x 750	475	Front ejection and mould open (2RT)	Yes	62	13000	345	260	210
BCP-100T-3RT-D	100	300	270	400 x 400	250	Front ejection and mould open (3RT)	Yes	23	3000	250	180	170
BCP-200T-3RT-D	200	300	300	560 x 560	355	Front ejection and mould open (3RT)	Yes	42	7000	300	240	200
BCP-250T-3RT-D	250	300	300	600 x 650	400	Front ejection and mould open (3RT)	Yes	49	9000	340	250	205
BCP-300T-3RT-D	300	300	300	650 x 650	450	Front ejection and mould open (3RT)	Yes	60	11000	345	250	210
BCP-350T-3RT-D	350	300	300	750 x 750	475	Front ejection and mould open (3RT)	Yes	62	13000	345	260	210



Vacuum Compression Press Technical Data

Single Press												
Code	Clamping Force (Ton)	Daylight Opening (mm)	Stroke (mm)	Heating Platen Size (mm)	Diameter of Cylinder (mm)	Type of Mould Opening	PLC/HMI	Total Power (kw)	Weight (kg)	L (cm)	W (cm)	H (cm)
BCP-100T-V-2RT-S	100	300	300	Up: 400 x 350 Down: 400 x 400	250	Front ejection and mould open (2RT)	Yes	11.5	4500	175	200	210
BCP-200T-V-2RT-S	200	300	300	Up: 500 x 500 Down: 560 x 560	355	Front ejection and mould open (2RT)	Yes	22.5	7000	200	240	235
BCP-250T-V-2RT-S	250	300	300	Up: 500 x 500 Down: 560 x 560	400	Front ejection and mould open (2RT)	Yes	26	8500	240	260	240
BCP-300T-V-2RT-S	300	300	300	Up: 600 x 600 Down: 600 x 650	450	Front ejection and mould open (2RT)	Yes	29.5	9500	250	270	250
BCP-350T-V-2RT-S	350	300	300	Up: 700 x 700 Down: 700 x 750	475	Front ejection and mould open (2RT)	Yes	32.5	11000	265	295	260
BCP-400T-V-2RT-S	400	300	300	Up: 800 x 800 Down: 800 x 850	500	Front ejection and mould open (2RT)	Yes	35	13000	285	320	270
BCP-500T-V-2RT-S	500	300	300	Up: 1000 x 1000 Down: 1200 x 1000	560	Front ejection and mould open (2RT)	Yes	56	30000	380	386	290
BCP-100T-V-3RT-S	100	300	300	Up: 400 x 350 Down: 400 x 400	250	Front ejection and mould open (3RT)	Yes	11.5	5500	175	200	210
BCP-200T-V-3RT-S	200	300	300	Up: 503 x 508 Down: 600 x 650	355	Front ejection and mould open (3RT)	Yes	22.5	8000	200	240	235
BCP-250T-V-3RT-S	250	300	300	Up: 600 x 600 Down: 600 x 650	400	Front ejection and mould open (3RT)	Yes	26	9500	240	260	240
BCP-300T-V-3RT-S	300	300	300	Up: 600 x 600 Down: 600 x 650	450	Front ejection and mould open (3RT)	Yes	29.5	11000	250	270	250
BCP-350T-V-3RT-S	350	300	300	Up: 700 x 700 Down: 700 x 750	475	Front ejection and mould open (3RT)	Yes	32.5	12500	266	295	260
BCP-400T-V-3RT-S	400	300	300	Up: 800 x 800 Down: 800 x 850	500	Front ejection and mould open (3RT)	Yes	35	14500	285	320	270
BCP-500T-V-3RT-S	500	300	300	Up: 1000 x 1000 Down: 1200 x 1200	560	Front ejection and mould open (3RT)	Yes	56	35000	380	386	288

Double Press												
Code	Clamping Force (Ton)	Daylight Opening (mm)	Stroke (mm)	Heating Platen Size (mm)	Diameter of Cylinder (mm)	Type of Mould Opening	PLC/HMI	Total Power (kw)	Weight (kg)	L (cm)	W (cm)	H (cm)
BCP-100T-V-2RT-D	100	300	300	Up: 400 x 350 Down: 400 x 400	250	Front ejection and mould open (2RT)	Yes	23	6500	275	200	210
BCP-200T-V-2RT-D	200	300	300	Up: 500 x 500 Down: 560 x 560	355	Front ejection and mould open (2RT)	Yes	45	9000	300	240	235
BCP-250T-V-2RT-D	250	300	300	Up: 600 x 600 Down: 600 x 650	400	Front ejection and mould open (2RT)	Yes	52	11500	340	260	240
BCP-300T-V-2RT-D	300	300	300	Up: 600 x 600 Down: 600 x 650	450	Front ejection and mould open (2RT)	Yes	59	12000	350	270	250
BCP-350T-V-2RT-D	350	300	300	Up: 700 x 700 Down: 700 x 750	475	Front ejection and mould open (2RT)	Yes	65	17000	360	295	260
BCP-100T-V-3RT-D	100	300	300	Up: 400 x 350 Down: 400 x 400	250	Front ejection and mould open (3RT)	Yes	23	6800	275	200	210
BCP-200T-V-3RT-D	200	300	300	Up: 500 x 500 Down: 560 x 560	355	Front ejection and mould open (3RT)	Yes	45	9300	300	240	235
BCP-250T-V-3RT-D	250	300	300	Up: 600 x 600 Down: 600 x 650	400	Front ejection and mould open (3RT)	Yes	52	11800	340	260	240
BCP-300T-V-3RT-D	300	300	300	Up: 600 x 600 Down: 600 x 650	450	Front ejection and mould open (3RT)	Yes	59	12400	350	270	250
BCP-350T-V-3RT-D	350	300	300	Up: 700 x 700 Down: 700 x 750	475	Front ejection and mould open (3RT)	Yes	65	17000	360	295	260





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