



Rubber Processing Machinery

Batch Preformers | Continuous Preformers | Cooling Conveyors | Deflashing Machines | Compression Presses



...a lifetime of reliability and support

Supporting rubber processors throughout the world

Barwell Global is a renowned world leader in the manufacture, design and supply of high quality and multi-application processing machinery for the rubber industry.

Equipment is designed to improve processors' production efficiency and accuracy, reduce material wastage and provide user-friendly operation and maintenance.

Supporting multiple industries including:

- Footwear
- Automotive
- Sports and leisure
- Oil and gas
- Medical

Barwell also provides genuine spares, service care and technical support on a worldwide basis.



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barwell ECOrange Ram preformers



Download full technical data from our website

A simple batch-load method of preforming or extruding rubber preforms, blanks and strips prior to compression moulding.

- Ideal for short to medium production runs or when material or die changes are common
- Combines extrusion, cutting and check weighing in one precise and efficient process

- Batch sizes available from 1-80L
- Standard models have 210 bar / 3500 psi operating (high pressure option is available (350 bar / 500 psi))

The ECO range of machines provide material and labour savings, and are exceptionally easy to operate and maintain.



barwell Gear Pump Continuous preforming



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A fully automated method of rubber preforming and extrusion, designed for long continuous production runs or for profile extrusion requiring greater dimensional stability.

- Combines a highly advanced screw extruder with gear pump technology
- Facilitates continuous production

- Enables extrusion, cutting and check weighing in one precise and efficient process

- Eliminates the need to pre-heat rubber on a two-roll mill

It is ideal for companies gearing up for increased business or who need to produce parts 24 hours per day.



barwell VibraCool

Spiral cooling conveyors



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A versatile and space-saving unit for the cooling, separation and drying of hot rubber parts, all in one efficient and continuous operation.

- Cools rubber parts using vibrational motion
- Process can be enhanced by water spraying or air blowing

- Save space, time and rejects
- Cooling path of 40m with a footprint of just 1m²

Available in three models for different applications including: solid blanks, preforms, pellets, and also strips and cord extrusions.



barwell twentysix

Approved used machine programme



Contact us for current stock availability

Remove the risk associated with buying a used machine by choosing 'Barwell twentysix', our new approved used machine initiative.

- Complete factory rebuild
- Rebuilds comply with all the latest safety standards
- Available with weigh scale feedback loop for blank weight control

- Supplied with 12 months' labour backed warranty

Each machine undergoes a twentysix stage factory rebuild and inspection and is refurbished using genuine Barwell parts and components.

Customers get a high quality machine rebuilt from the original designs, but with modern technology and additional features added.



barwell COMPRESSION PRESS

Hydraulic compression moulding



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A range of low investment and high performance compression presses for rubber component moulding.

- Simple plug and play installation
- Built using high quality electrical components and hydraulics
- Multiple model and feature options available

- Incorporates exceptional safety features to virtually eliminate risk of operator injury

Barwell presses are operator-friendly, fully programmable and are built to conform to the latest European safety standards.



barwell Freeze Trim Cryogenic deflashing



Download full technical data
from our website

A high output, automated and cost cutting method of deflashing using cryogenic freezing.

- For the deflashing of rubber, plastic, and metal parts
- Quick and safe, providing a pristine quality finish
- Single person operation

- PLC control allows easy operation
- Available in four capacity sizes

A Freeze Trim will significantly reduce operational costs compared to traditional methods of deflashing.

It can also be used in conjunction with a Spin Trim for further savings.



barwell Spin Trim Rubber deflashing machine



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from our website

The SpinTrim is a simple and cost-effective method of deflashing small rubber parts.

- Can be used as a single process operation or as a cost reducing first stage prior to cryogenic deflashing for excessive flash
- Ideal for deflashing small rubber parts with tear trim

- Quick, simple and effective
- Includes operator interface
- Auto feeder option available

An optional take-off waste separator will simply sort the required parts from the waste material, using one of 14 different filters, ranging from 6-32mm dia. hole sizes.



barwell Support Advice | Spares | Service

When you require advice on your Barwell, you need someone you can rely on.

We believe the best advice comes from those who truly understand your machine. As the designer and original manufacturer, we are best positioned to assist you to get the best out of your machine.

Barwell can support you with preventative maintenance, emergency repair, technical advice, and genuine spare parts.

We can also upgrade existing machine to increase efficiency, ensure future component supply and to help you comply with the latest safety standards.



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