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3RB Roll Builder

Available Models:

3RB/2m
3RB/Custom

HNC's Series of **3RB - Three Roll Builders** are designed specifically for making rollers on steel cores from calendered rubber sheet. Designed and manufactured in the UK, the 3RB is very easy to operate and offers fast and efficient batch production of small and medium size rubber rolls.

The 3RB is available for roll diameters up to 350 mm (13.778 in) lengths up to 2m (6.56 ft). The 3RB features a pneumatic arm which is fully protected for operator safety by an interlocked light curtain. Each machine is also features interlinked foot controls.

An advanced feature, unique to the 3RB is integrated diameter measurement. Roll diameters are continuously measured and parameters integrated into the advance control system. HNC's advanced automatic controls both simplify operation and provide additional features including variable and preset build diameters, automatic diameter control with automatic stop, and integrated polythene or paper take-up.

With advanced automatic operation, roller production capacity is increased without compromising quality. Finished product quality is improved by eliminating air entrapment and de-lamination typically associated with alternative production methods. Waste is reduced through advanced overbuild control. The process is concluded with cure tape wrapping and finished rollers ready for autoclave curing.

Supported worldwide by HNC.

HNC's Three Roll Builders can significantly improve production capabilities and save costs.

General Information	3RB/2m
Application	Developed for making rollers from calendered rubber sheet
Maximum Roll Diameter	350 mm
Maximum Weight of Roller	100 kg
Distance Between Centres	2000 mm <i>(for lengths longer than 2m, please contact HNC)</i>
Overall Length	3000 mm
Overall Width	1500 mm
Overall Height	1520 mm
Controller	HNC / Omron Advanced PLC Control System

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