

Thermo Cutter

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Typical 1" / 25mm Thermo Cutting Blade



Roughing of 30 shore rubber on offset roller



Complete Thermo Cutter Machine



Simple controls for set up and adjustments



Grooved Polyurethane rollers



Typical spreader roller in soft roller



Roughing of 90 shore Polyurethane

Thermo Cutter

Performance

Safe Grinding

Rough grinding overbuild, with its inherent risk of fire damage, is still common practice among many rubber roller manufacturers. At Rollertech, however, we can now offer a safe alternative for the rapid removal of excess material prior to final grinding. A state-of-the-art thermo cutting system, designed especially for the rubber roller industry.

The thermo cutters are safe and incredibly quick, leading to energy savings and increased productivity.

The thermo cutting systems we supply have the facility to accommodate a variety of tools with different shapes and sizes, allowing for easy position adjustment during almost any cutting operation.

It is also possible to incorporate a bespoke tool-post as a permanent or removable attachment to the main operating machine.

As with all Rollertech products, our thermo cutters have been developed with the working environment in mind. They offer a number of benefits to the rubber roller manufacturing industry:

Cuts both rubber and polyurethane

Fast and efficient – 25 mm x 12 mm strip can be cut at a rate of 9 m/min

Saves over 90% of the energy consumed in grinding

Quiet operation without smoke or dust resulting in no extraction required

Minimises thermal shocks and distortions of elastomer

Easily adaptable to lathes, grinders or CNC machines

Enables grooving

Tools are easy to mount and sharpen, custom tools available.

Technical Specification

The patented blades are incredibly durable and concentrate heat entirely on the cutting edge, thereby ensuring a smokeless operation.

220 – 240 volt

15 amp

Single phase

50/60 HZ

5.5 m cable length supplied as standard

Standard tool post holder provided

CE compliant

Dimensions

Weight 185 Kg

L 780 mm x W 815 mm x H 1575 mm