



MULTIHEAD ABRASIVE BELT THROUGHFEED GRINDER AND POLISHER

Most mechanical finishing operations require several stages to achieve the final result.

Where large amounts of flat parts like sheet, strip, extrusions, hollow sections, etc. have to be finished often only a multihead machine can cope.

With the correct number of heads, each fitted with an increasingly finer belt, it will be possible to finish parts with a single pass through the machine and with a considerable faster feed rate than is possible with single head machines.

A machine with between 2 and 4 heads will suit the vast majority of companies but for very high production rates or specialist finishes 4 to 6 heads will be necessary to increase the feed rate.

Throughfeed machines are available in working widths of 150 mm, 200 mm and 300 mm. Multihead throughfeed machines operate usually wet to prevent heat distortion of parts, to improve

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the finish and to extend belt life.

Motor power per head is from 5 KW to over 10 KW. Conveyors have variable speeds of between 1 m/min to over 10 m/min.

If parts are flat to within a few thou fixed heads are acceptable but for any parts with an uneven surface it is advisable to specify floating heads with a constant contact pressure control.

In addition to standard features Surtech's Multihead Throughfeed Machines are available with many optional extras like motorised thickness settings, ammeters fitted to each head for control of contact pressures, oscillating belts for improved finishes and variable belt speeds to maximise belt performance.

Encl.: colour photo of a twin head through feed machine

For further details contact Klaus Lehnen on 0121 359 4322

PR/multiheadflatbed

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