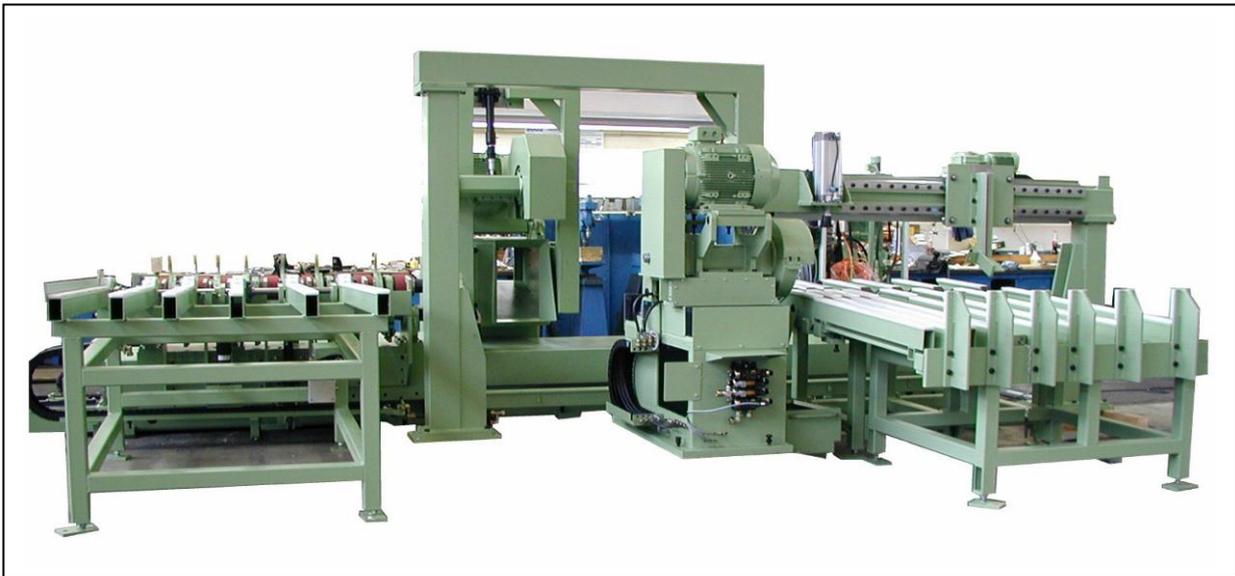




CNC ALLOY STEEL BILLET GRINDER SETS NEW STANDARDS IN EFFICIENCY AND AUTOMATION



The above photo shows the REMA billet grinder without acoustic booth

REMA's new 40 KW automatic billet grinder has been designed to surface grind for optimum cleanliness super alloy bar material, as used in manufacturing high technology investment castings, ie turbine blades, surgical implants, turbochargers, etc.

The billet grinder automatically loads, grinds and unloads diameters from 75 mm to 205 mm and from 250 mm to 1550 mm long. Parts from 100 mm to 250 mm long can also be ground but will have to be loaded manually. After the OD grinding the machine will automatically grind the end face. Constant grinding pressure is controlled via proportional valves and a

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current controller.

The machine has a Y and an X axis.

The operator can control the grinding sequence via a

joystick that allows forward and reverse

rotation and left-right or right –left roll grinding head feed. Alternatively the grinding sequence

can be set to fully automated operation with programmes recalled from the Siemens S7 PLC.



The 40 KW OD grinding head



The 25 KW end face grinding head

A 40 KW motor drives the 400 mm diameter x 50 mm wide grinding wheel for OD grinding

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and a 25 KW motor grinds the end face. These powerful motors are necessary to guarantee a min. metal removal rate of 10 kg per hour.

Budget price is £ 180 000

The REMA billet grinder fully enclosed in an acoustic booth



Encl.: Colour photos

For further information contact Klaus Lehnen on 0121 359 4322

PR/copyofsuperalloybargrinder

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