AUTOMATIC GEAR-CUTTING MACHINE.

The accompanying illustration shows an automatic gear-cutting machine made by G. Ritch and Co., which is in use at their works at Wainfleet, Yorks. This machine, which has been designed for cutting gear wheels only, is capable of making minute work in a short time. A gear with 50 teeth, 2° pressure angle, and 15° included angle, was cut in 2 hours and 30 minutes. The machine is furnished with a graduated scale, the graduations representing degrees of rotation, and a graduated dial, the graduations representing degrees of rotation.

The machine is made of iron, and is capable of cutting gears up to 5" diameter. A gear of this size is cut in a time of 2 hours and 30 minutes. The machine is provided with a graduated scale, and a graduated dial, the graduations representing degrees of rotation.

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