

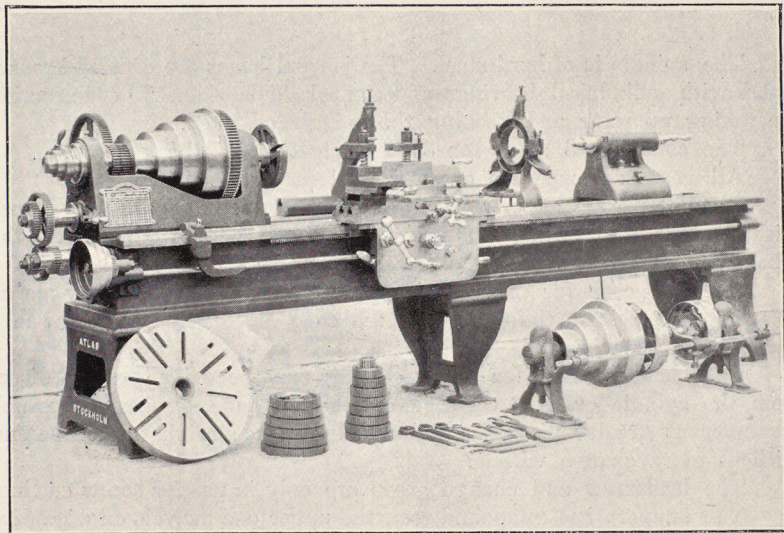
[Broschyurer] - 6

Atlas

Vardagstryck Affärstryck 1800-tal 8:o



NYA AKTIEBOLAGET ATLAS, STOCKHOLM.



22 in. (550 mm.) swing Engine Lathe.

22 in. (550 mm.) swing Engine Lathe.



The spindle is of hard steel. The journal boxes are of hard bronze-metal with cylindrical bearings and conical shells of special construction for taking up wear and keeping the spindle adjusted.

The cone has 3 steps for $3\frac{1}{4}$ in. belt and is backgeared.

All gears are machine cut and well protected.

The lateral — as well as the cross feed have belts and cones with 3 steps, the former has an automatic stop adjustable along the whole bed and will work in either direction.

The belt cone for the feed is placed on a moveable arm, by means of which the belt is tightened and the cone is connected with the feed bar by 2 spur wheels.

The change gears, for screw cutting may be driven either direct from the spindle or from the pinion of the belt cone, by means of which arrangement greater pitches are obtained without straining the lathe and without extra change wheels.

The leadscrew and change gears are only in use for screw cutting.

The support has compound rest, the upper one swivels on a graduated base.



The lead screw is located inside the bed which gives a central pull on the support.

The rack pinion can be drawn entirely out of the rack when the lathe is used for screw cutting.

The taper attachment is so arranged as to allow the tool to be operated by the cross feed screw in the usual way even when the attachment is in use. The guide bar is placed upon sliding brackets, moveable along the whole bed, and is adjusted by means of a graduated disc.

The countershaft has 2 frictionpulleys 12 1/2 in. diam. by 4 in. face and should run 100 rev. per min.

Weight, with 8 foot 2 in. (2,5 meter) bed

Price

Price extra per foot



