

ABSTRACT

A grinding machine for welding electrodes which grinds the end portion of an electrode to a final form and finishes the tip end of the electrode to a mirror surface. All the grinding work can be done by this grinding machine alone and one grinding disk.

The grinding machine for welding electrodes comprises a housing 1, a grinder motor 2, a grinding disk 3, a swing plate 4, a holder guide 6, a electrode holder 7, an electrode turning motor 8 and swing plate moving mechanism 9. And it is so arranged that the axis ϕ_a of electrode A extends along the line perpendicular to the axis ϕ of a motor drive shaft 2a and that a first grinding part 3a of the grinding disk 3 is so formed to conform to the finishing contour of electrode A. Furthermore, the grinding disk 3 is turned by the grinder motor 2 and at the same time electrode A is turned by the electrode turning motor 8.



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