

MANUAL HOIST AND TRACTION MACHINE

ABSTRACT OF THE DISCLOSURE

The invention relates to a manual hoist and traction machine wherein an outer diameter of a first lining plate (13) constituting a mechanical brake is made smaller than an inner diameter mainly of a driven disc at a wheel of a handwheel (11), outer diameter of a second lining plate (14) and a driven disc are made smaller than an inner diameter of a cylindrical portion of a braking ratchet wheel (12), and the first and second lining plates (13, 14) are formed of lining raw material having performance of compressive strength of $15(\text{Kgf/mm}^2)$ or more and the maximum strain of $12(10^{-3}\text{mm/mm})$ or more.

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