

Outside clamping machining equipment for tube panels type Protem® GR76

Technical Features

Machining capacity:	38 mm ID – 76 mm OD
Max. wall thickness:	~ 5 mm
Feed:	28 mm
Weight appr:	16 kg With pneumatic drive
Dimensions:	370 X 460 X 70 mm
Rotation speed:	156 rpm – 156 rpm
Drive:	Pneumatic (1,46 kW)
Air pressure:	6 bar
Air consumption:	2200 l/min

The **PROTEM GR-Series** are outside clamping machines, specifically designed for membrane wall panels. They enable simultaneous weld end preparations and excavation of the wall membranes. The machine's body is made of aluminium with optimised mechanical characteristics which permit a combination of light-ness and resistance, particularly adapted to on-site machining conditions. The clamping device is composed of a fixed jaw and a mobile jaw, actuated by a ratchet. One set of jaws is necessary for each diameter. Therefore, the customer shall indicate the diameters of the tubes to be machined together with the dimensions/distance between the panels. The feed operation is performed manually thanks to a ratchet. The PROTEM GR machines are equipped with special milling tools, fitted with standard carbide inserts. Each milling tool is dedicated to one specific machining operation. All milling tools are designed to meet customer's specifications. A drawing presenting all details relevant to the machining to be performed shall be submitted on order. All components are of a modular design for easy maintenance and safety.



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Page 1 / 1