



# DIAMANTFIL TWIN



*The smartest way for your block cutting needs!*





## DIAMANTFIL TWIN

Stationary diamond wire saw consisting in 2 single wire machines, one fixed and one mobile, able to perform block dressing / squaring and produce slabs from dimension stone blocks.

Each machine is composed of a sturdy metal structure with an extremely rigid box section beam and two tubular columns (two V-guides each) designed to maximize wire life, cutting precision and operator safety.

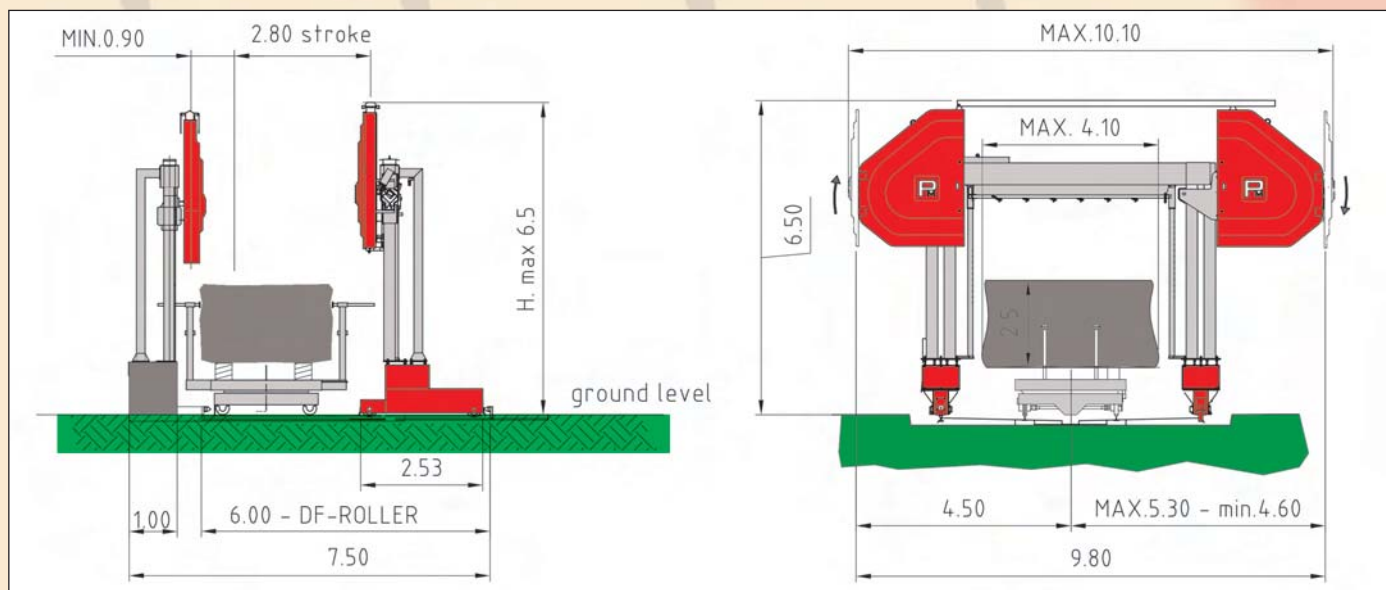
Big flywheels (diam 2000 mm), are installed to reduce diamond wire stress; one of these is designed to tension the diamond wire by mean of an hydraulic system. The wire can be shortened up to 1,2 m from the original length. Two wire guide-wheels (diam 600 mm) are installed above big flywheels to extend the cutting height up to 2,5 m.

An inverter adjusts the wire speed from 0 to 40 m/sec in order to adapt the cutting performance to the type of stone.

The mobile machine is installed on a precision trolley that moves on machined rails with useful stroke of 2,8 mt. Back and forwards movements are electromechanical and executed trough a rack and pinion contact to grant the exact machine positioning and alignment



Both machines can work simultaneously or individually controlled by PLC. A frontal touch screen makes every operation fast and easy for the worker.



Dati tecnici e caratteristiche non sono impegnativi. Le macchine possono subire variazioni e miglioramenti in sede di esecuzione senza preavviso.

Technical data and characteristics are not binding. The machines are liable to changes and improvements during manufacture without notice.

Les données techniques et les caractéristiques ne nous engagent pas. Les machines peuvent être modifiées et améliorées pendant leur production sans préavis.

Los datos técnicos no son vinculantes. Los equipos, en fase de ejecución, pueden ser modificados y mejorados sin aviso previo.