

Title (en)
AUTOMATIC SAWING MACHINE

Title (de)
AUTOMATISCHE SÄGEMASCHINE

Title (fr)
MACHINE À SCIER AUTOMATIQUE

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Abstract (en)
[origin: WO2018025234A1] The invention relates to an automatic sawing machine (100) for sawing natural stones pieces and concrete blocks. The sawing machine comprises: i) a frame (110); ii) a first motorized conveyor belt (120) and a second motorized conveyor belt (130) mutually arranged at right angles, the first conveyor belt (120) and the second conveyor belt (130) being inclined relative to an horizontal plane so as to define a channel-like cutting path; iii) a plurality of cutting devices (140), each cutting device comprising a motor (141) on whose shaft a circular blade (142) is keyed, said cutting devices (140) being restrained to said frame (110) and being arranged above the channel-like cutting path defined by the conveyor belts (120, 130) with respect to a vertical direction (Z) so that the respective circular blades (142) are located within the channel-like cutting path; iv) a positioning device (150) configured to maintain said blocks (B) in contact with the conveyor belts (120, 130) during their processing. The positioning device (150) comprises a bar (151) restrained to the frame (110) in a longitudinal direction (X) of the automatic sawing machine (100) parallel to the cutting path defined by the conveyor belts (120, 130), said bar (151) comprising a plurality of arms (152) pivotally restrained thereto and urged away therefrom by way of respective tensioning devices.

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