

Title (en)

Shuttering joist cleaning machine and system.

Title (de)

Verfahren und Vorrichtung zum Reinigen von Schalungsträgern.

Title (fr)

Système et machine pour nettoyer les poutres de coffrages.

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Application

**EP 89850356 A 19891018**

Priority

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Abstract (en)

The invention relates to a machine and a system for cleaning wood shuttering joists in particular for removing residual concrete (2). The machine comprises an elongate frame (3) having a series of rollers (7) forming a roller conveyor. A number of driving stations (8, 10) advance the shuttering joist (1) along the roller conveyor. A cleaning station (9) is provided in the frame and is adapted to contact the opposite side surfaces of the shuttering joist so as to clean said surfaces. The characteristic features of the invention are that the cleaning station comprises two opposed, separately driven cylinders (14, 15) each having a hard structured surface for removing the concrete residuals by grinding, preferably milling. The system in accordance with the invention comprises the machine so modified that it comprises a load testing station for load testing the shuttering joists, a first transfer station for transferring the joists, one at a time, from the roller conveyor to a collecting table (56) on which the shuttering joists are collected beside each other to form a group, a second transfer station for transferring successive groups of shuttering joists to a lifting table (58) in such a manner that one layer of shuttering joists is placed upon the previous layer, and a bundling station for tying up a predetermined number of groups of shuttering joists on the lifting table with straps so as to form a package of treated shuttering joists.

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