

Title (en)
Press for processing any type of material

Title (de)
Presse zum Bearbeiten von Material beliebiger Art

Title (fr)
Presse de traitement de tous types de matériaux

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Application
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Abstract (en)
[origin: WO03080323A1] The invention relates to a press for processing, such as pressing and/or shearing, any type of material (3), particularly scrap metal or metal wastes, comprising: a bed (1) for filling and strand-like compacting and feeding this material (3); a downward-located column (2) having at least one stamper (2.2), which is guided inside the column while being driven by a second hydraulic cylinder (2.2.2) attached to a crosshead (2.1) of the column (2); at least one third hydraulic cylinder (2.4.2), and; a hydraulic control (5) provided with a control block (7) and pipes (6). This press should, in order to increase its overall efficiency, improve the feeding/loading of the material (3) to be processed, ensure a largely coordinated execution of the functional steps, optimize the kinematic sequence of the functional elements and the expenditure of energy therefor, have a reduced loading height and bed length, check the state of wear and monitor the operating state both of the kinematic sequences as well as of the hydraulic system while making them visible to the press operator whereby, all in all, increasing the availability of the press, the intensity of the processing of the material (3) and the output quota thereof from the press.

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• [XA] PATENT ABSTRACTS OF JAPAN vol. 010, no. 365 (M - 542) 6 December 1986 (1986-12-06)

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