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BUILD NEW WOOD-PROCESSING MACHINES, CEMENT MIXER

DESCRIBE NEW WOOD-PROCESSING MACHINES -- Berlin, Aussenhandels Nachrichten, 19 Jan 52

A new wood-processing machine has been turned out by the Czechoslovak machine-building industry, for which a patent has been granted. This is an automatic machine, producing excelsior from waste wood in a four-stage operation, in the course of which the curled shreds of wood are shaped into packing bales by a power press. Also, three types of special woodworking machines have been put on the market. These machines do dovetailing and doweling work. The dovetailing machines are horizontal or upright machines working semiautomatically. A high-speed cutter blade cuts perfectly matching notches (dove-tails) into the wood panel. Another machine, known as the Stavil machine, does doweling work. Fourteen drills bore dowel holes simultaneously at precisely adjusted intervals.

DEVELOP SIMPLIFIED CEMENT MIXER -- Prague, Prace, 30 Mar 52

A new cement and mortar mixer has been tested during the past months on a construction site in Czechoslovakia. The invention of Engr Josef Baska, it is manufactured by Stavostroj National Enterprise [for construction of building machinery].

Considerably simplified, the new mixer is made of tubular and sheet metal and weighs only 290 kilograms, as compared with the old type mixers, which weigh 500 kilograms. The 85-centimeter-wide drum is mounted on a rubber-tired, mobile undercarriage. The driving mechanism is installed in an oil bath, which requires an oil change only once a year. The drum may be maneuvered by a touch of the control wheel, which is equipped with automatic brakes. No pouring trough is necessary, owing to the design of the undercarriage. Operation of the mixer is reported to be very silent.

A 65-liter-capacity mixer of this design can be produced in one third the time necessary to manufacture an old-type machine. These mixers are being mass produced as of 1 January 1952.

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RECEIVE SOVIET MACHINES -- Prague, Rude Pravo, 18 Mar 52

A Soviet-made, self-propelled excavator has been delivered to the Lezaky mine near Most, in the North Bohemian brown-coal region. Prior to assembly, components of this machine take up 13 flatcars. The machine, unlike others of its kind, automatically separates coal from earth as it excavates, and disposes of the earth, thus facilitating continuous operation. During an 8-hour shift, it can excavate and move 1,500 cubic meters of earth. Two additional excavators are planned for delivery during the first half of 1952.

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