

A NEW MACHINE FOR DATE PROCESSING

M.M. Al-Rawi and O.M. Al-Rawi

Al-Sidra Co., P.O. Box 7720 Haiffa Str., Baghdad, Iraq.

Many types of machines are used for removal of the stone, cleaning the inside of the date and refilling of the date by nuts. This new machine which is invented and designed by us has the following steps; removal of the stone, cleaning of the date from inside and refilling by nuts in one step. The proposed procedure is to open the date by a sharp triangular knife. The date gradually increased opening by a special retractor, then the date to brushed out to clean any debris. Finally the nut is fit in and the date is closed by lateral pressure. The method will decrease the loss of the fruit, is faster than the other methods by reduction of the steps. No water or air is used in this method except the use of the air jet during brushing, this machine also can be manufactured with different sizes and wide ranges of humidity of dates. Another step can be added to polish the date before packaging in boxes.