



POMELO JUICE EXTRACTOR

TECHNOLOGY DESCRIPTION

This technology extracts fresh pomelo juice with high yield ($\pm 80\%$) with two simple steps, crushing and spinning, while preserving its nutritional value and quality of juice.

TECHNOLOGY FEATURES

The crushing process in this machine will crush the fruit through two-level roller-cog pairs and the spinning process will spin the crushed fruit pulp in the filter basket to further extract the juice to ensure high yield of the juice. The pulp waste is completely removed during this process, thus maintaining the quality of juice. This new technology is efficient and practical, therefore economically viable for the beverage industry.

ADVANTAGES

- Cost-effective
- High extraction efficiency – low extraction loss
- Easier and hygiene handling
- Preserving the juice quality

INDUSTRY OVERVIEW

Prospects: SME Industries, pomelo planters

In Malaysia total of 1,092.8 hectares was planted with pomelo trees, making total production of 11,714.3 metric ton in 2013. The income generated from the production was RM35,142,552. Sabah is the biggest producer of pomelo fruit (47.1%) followed by Perak (20%) and Johor (17.7%). The increasing health awareness among consumers drove demand for fruit juice in 2014. Consumers tended to drink more juice as it is perceived as a healthy drink derived from fruits.

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