

Semi-automatic Roof Tile Extruder

The SPS712 roof tile extruder was developed specifically for the African market in a unique collaborative effort between PMSA and Abece of Sweden.

A dual start/stop function that requires the operator to use both hands to either start or stop the machine, enhances operator safety significantly. This is an example of the attention to detail that PMSA and Abece brought to the development of the SPS712 for the African market, where skill levels are low and proactive maintenance is not a priority.

In order to ensure ease of maintenance, as well as keeping the machine clean, the extrusion head flips upwards. All working parts are easily repairable and do

not require special tooling to be removed. The SPS712 utilises an aluminium palette to shape the tiles.

This semi-automatic extruder can manufacture up to 5 000 concrete tiles in a nine-hour shift, depending on the specific plant configuration. This equates to about ten tiles a minute. The main benefits are that it is easy to install, operate and maintain, which are important considerations in remote project sites in Africa.

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