

BIG CAPACITY IN-LINE THERMOFORMING PLANT FOR ZEGAR CUPS

AMUT GROUP has recently supplied to P.T. Starplast Packaging Industry a complete in-line thermoforming plant to produce disposable PP cups for cold tea, working in full operation with an output of 60.000.000 cups per month. The cups have \varnothing 68 mm, height 114 mm and weight of reference 4 gr.



Starplast company supplies the well-known brand Zegar, part of 2Tang Group, one of the biggest producer of mineral water and cold tea in Indonesia.

The extrusion section is equipped with a 3-components dosing system and an EA130 40 L/D AMUT extruder for a capacity of 800 kg/h using 50% regrind material coming back from thermoforming process. The improved concept of the calender with 500 mm-rolls shaped for high stiffness comply

with the target-product specifications, a foil in PP with 1.200 μ -thickness.

The plant is based on a thermoforming machine model AMP 850-GP, forming and trimming in one station technology with tilting movable lower platen. The mould has an area of 850 x 560 mm and 55-cavities. Closing force for forming is around 700 kN.

The machine includes a fully automatic pick up stacker and a grinder to in-line recover up to 600 kg/h of thermoformed skeleton.

