

Integrated solution for dairy products and liquid food

Italian company SMI, which has over 4,000 end-of-line packaging solutions and rotary stretch-blowmoulders for PET/PP containers installed worldwide, has launched a new, integrated solution branded as the EcoBloc Plus series. The machines feature integrated stretch-blowing, filling/capping and labelling of PET containers ranging from 200ml to 3l. the EcoBloc series, which does not have an integrated labeller, can handle containers with up to 10l capacity.

EcoBloc and EcoBloc Plus systems are both suitable for bottling lines of milk, edible oil, still and carbonated drinks. They have been designed to be compact and feature technologies for synchronisation between the dry environment of the stretch-blowing module and the wet environment of the filling/capping module. The direct connection between the machine modules by means of transfer wheels reduces the number of machines installed and eliminates the need for a rinser, for accumulation conveyors and for conveyors between the blower, the filler/capper and the labeller.

EcoBloc Plus systems are equipped with air recovery, which is claimed to provide up to 40% saving on air consumption. The area beneath the bottles is completely clear, which eases operator access for maintenance and cleaning operations. Electronic filling on EcoBloc Plus prevents any contact between the bottle and the filling valve, thus reducing moving mechanical parts. SMI says that the machines offer low cost of ownership and production capacities of up to 30,000bph.

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