



Softgel Inline Drying System



SILDS

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ILDS

Features

- ILDS 24 is an automated continuous capsule drying system consisting of 2 parallel rows of 12 drying units each, connected to a central line of air distribution units. The two lines have 3 drying zones fed with air at different temperature and humidity parameters to insure an efficient drying of the capsules. The capsules exiting the system at the end of the drying cycle are ready for final inspection and packaging. The use of pre drying tumbler dryers and Drying tunnels and the associated work is eliminated
- Cycle time, basket speed, blowers speed, drying air parameters are fully programmable through integrated PLC and Touch screen HMI and adapted to the soft capsule machine settings
- Suitable for drying oil filled capsules

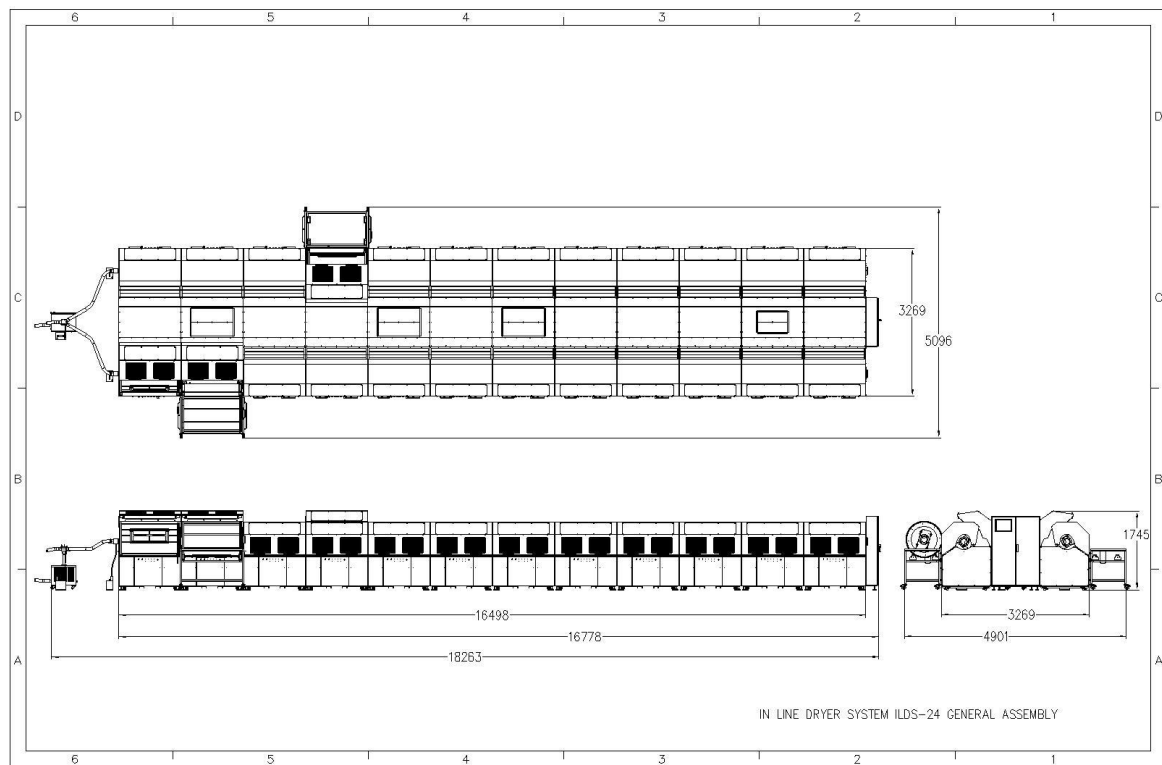
Mechanism

- Modular system, consists of 24 similar units placed in two parallel lines
- A distributor unit is feeding alternatively the two lines with capsules
- Variable basket rotation speeds adjustable through VFD
- Driving gear pairs executed from hard plastic to avoid lubrication and reduced noise level
- Total number of baskets: 24
- Maximum basket load 110 kg
- Two high capacity VFD controlled blowers per individual unit (2 x 1400 cfm).
- Baskets executed from stainless steel perforated sheets are equipped with a side access door and a large removable end cover, for inspection, cleaning and service
- Pneumatic cylinder assisted basket removal
- Automatic capsule transfer from basket to basket by reversing the direction of the basket rotation
- Stainless steel covers with number 4 finish for fast, thorough cleaning.
- Smooth surfaces in all areas for complete cleaning. Liquids are drained into a special reservoir
- System parameters control through PLC and HMI

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Specification



SGM612i	
Dimensions (mm/inches)	18263 X 4901 X 1745 / 719 X 193 X 69
Weight (kg/lb)	13900
Machine Electrical Power	
Compressed Air	100 PSI

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