

Continuous plant for insulated sandwich panel

COMPACT 1200 HT

Cannon can offer the best product portfolio of the most sophisticated sandwich panels continuous and discontinuous production lines.

Continuous lines are suitable for different types of **large scale panel productions** (high speed and volumes), satisfying the most demanding sandwich panel producers all over the world.

Reassuring the Cannon wet and dry technologies “state of the art”, the **Compact 1200 HT**, with its innovative solutions leading to a high efficiency system, allows above all low start-up scraps and idle times high reduction improving the overall productivity of the line.



Example of equipment sold to one of the most important manufacturer in Europe

Line performance

Production speed	3-15 m/min
Design speed	20 m/ min
Cutting unit cycle time	Single cutting mode: 13 s
	Equivalent double cutting mode: 6,5 s
Minimum cutting length	1,5 m (single cutting mode)
	2 m (double cutting mode)

Production range

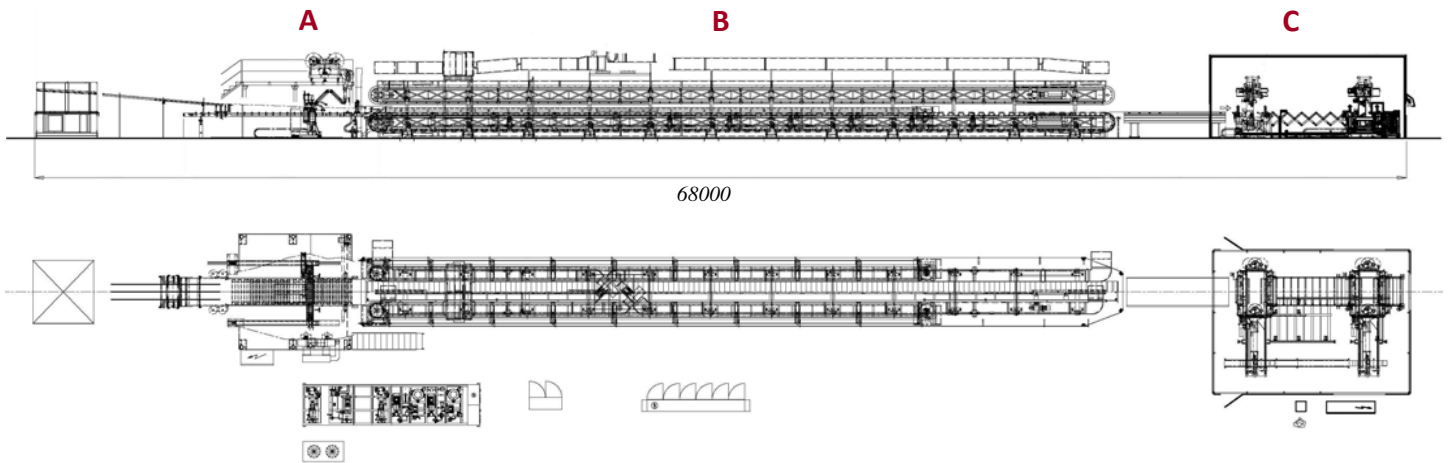
Standard wall panel	mm 25, 30, 40, 50, 60, 80, 100, 120
Secret fix wall panel	mm 50, 60, 80, 100, 120
Roof panel	mm 30, 40, 50, 60, 80, 100, 120, 150
Cold room panel	mm 80, 100, 120, 150, 180, 200

TECHNICAL PLUS

- **Patented double belt driving system:** two endless screws catch two pinions imparting constant and fluctuation-free speed to the double belt
- Dosing machine with **direct POL and ISO feeding** from storage tanks
- Innovative distribution system with fixed upward hanging mixing head allowing line **start-up scraps reduction**
- **Self-cleaning mixing head** with pneumatic injectors and closed loop pouring regulation



LINE COMPOSITION



A - FOAMING AREA

8 components **DOSING UNIT**

(PUR, PIR, ISO, CAT1, CAT2, CAT3, ADD, C5)

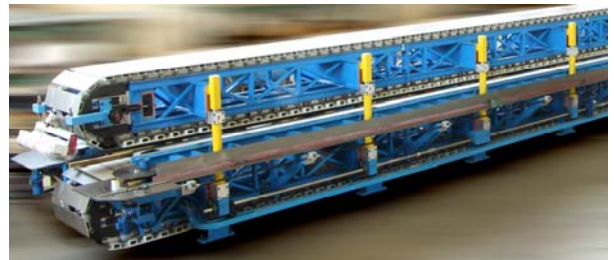
- Infrared type pre heating oven, upper and lower independent temperature, additional sheet metal temperature control in the pouring platen
- Pouring platen completed by panel side sealing equipment
- Fixed head distribution system



B - POLYMERIZATION AREA

36 meters **DOUBLE BELT-1200x250mm SLATS DIM.**

- 27 meters caterpillar - modular side mould with dove tail coupling for a fast job change over
- Double belt thermoregulation system: electrical resistances heat exchangers, upper and lower independent temperature up to 70° - warm up time 1h



C - CUTTING AREA

Double station band saw **CUTTING UNIT**

- Operating modes: single cut, double cut and backup cut
- Double overlapping disks TOP/END panel with automatic cut dimension set during production
- Exhausting caps mounted on each cutting tool
The suction points can be automatically selected

