

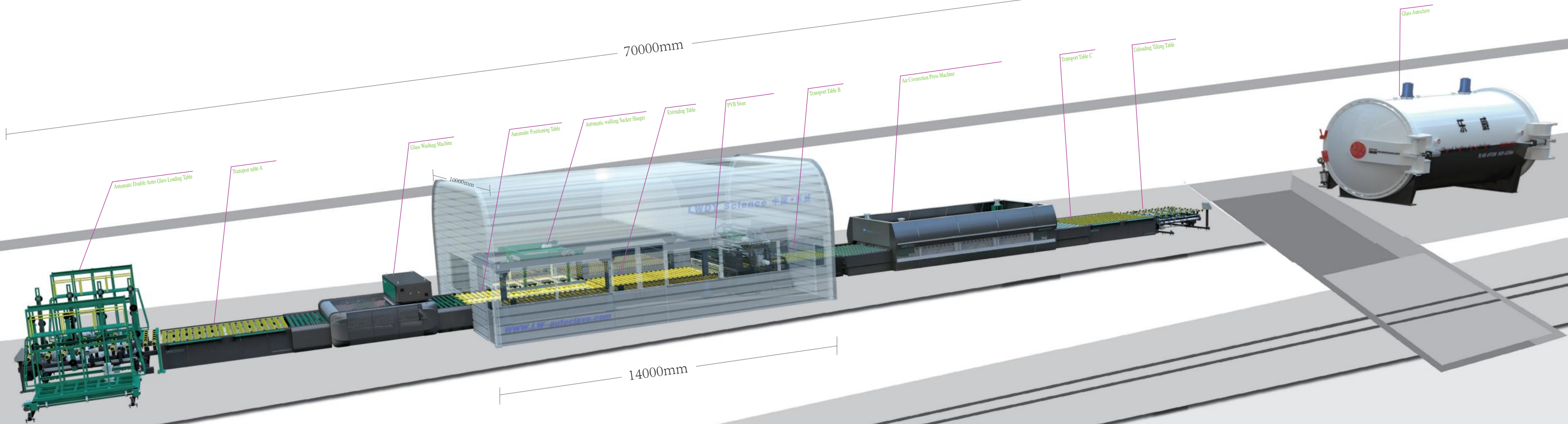


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Whole Technological Solution for Laminated Glass Production Line

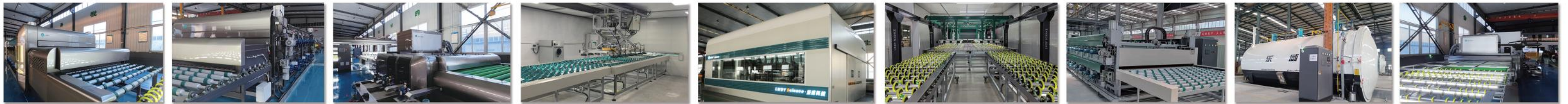
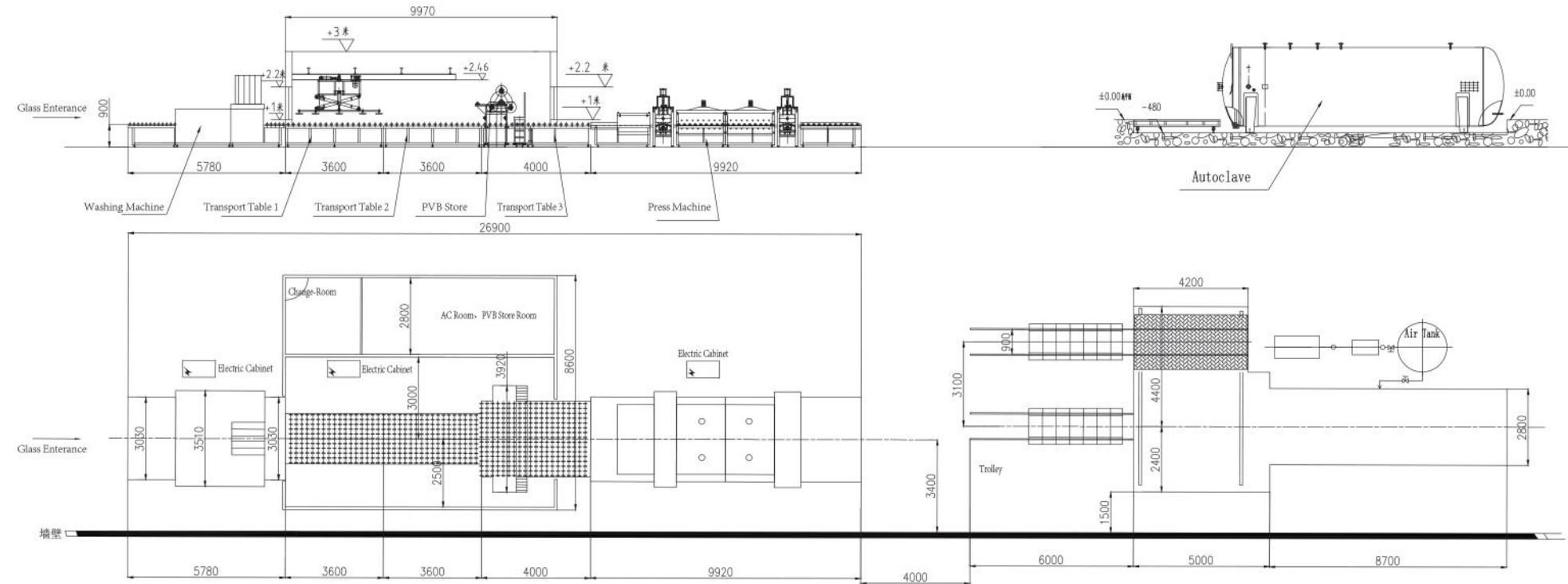
# LWDY Science Automatic Laminated Glass Production Line Solution



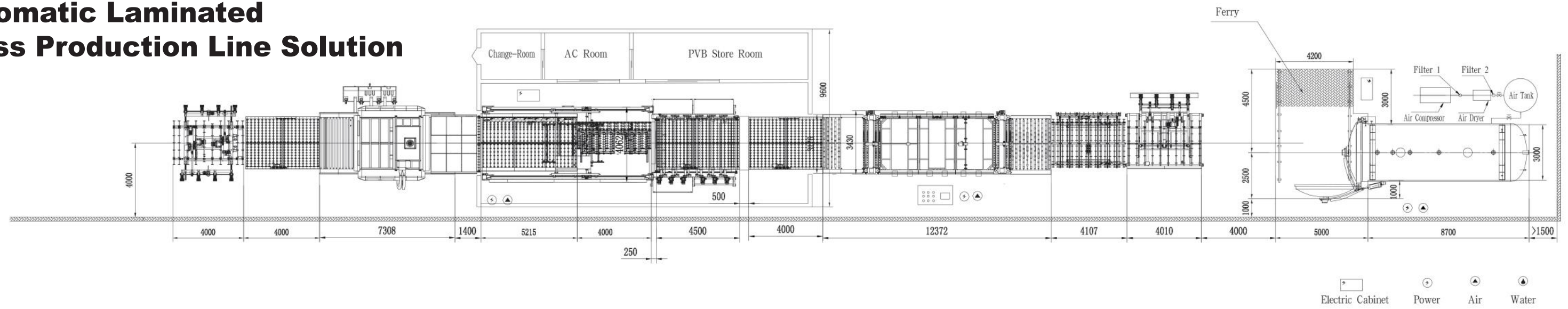
- ◆ Conducive to mass production
- ◆ Control System: Siemens
- ◆ Electricity Parts: Schneider
- ◆ Low-E Laminated Glass Standard
- ◆ Automatic Lay-Up
- ◆ Air Convection Press

No.	Model	Make the max glass size (Automatic Model)	Thickness Range	Total Power
1	LWDY-2540	2.5m×4m	6-80mm	186.2kw
2	LWDY-2560	2.5m×6m	6-80mm	186.2kw
3	LWDY-2840	2.8m×4m	6-80mm	210.4kw
4	LWDY-3060	3.0m×6m	6-80mm	231.5kw
5	LWDY-3360	3.3m×6m	6-80mm	251.5kw
6	LWDY-3560	3.5m×6m	6-80mm	269kw

# Laminated Glass Production Line Solution

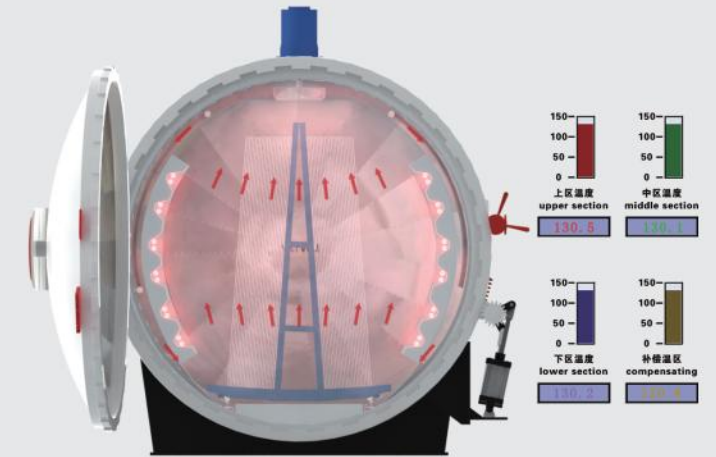


# Automatic Laminated Glass Production Line Solution





- ◆ Partition control heating
- ◆ The temperature difference can be controlled less than 5
- ◆ Siemens S7-200 smart system
- ◆ Special high temperature and pressure blower is adopted
- ◆ Unique sealing structure is adopted between the fans and autoclave body
- ◆ Built-in video surveillance system
- ◆ Multiple security protection system
- ◆ Can provide GB, CE, ASME standards autoclave
- ◆ Can provide SGS, TUV, MOM certification

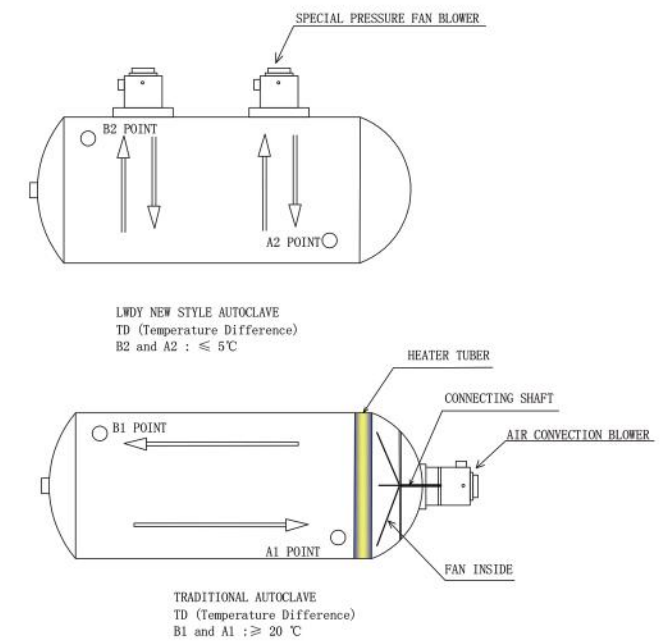


## LWDY Science Full Air Convection Press Machine

- ◆ Heating oven: the heating oven adopts one external strong support structure with 100x50mm square pipe and steel panel, and install the isolation panel inside. This design reduces heating transmission, structure is more stable and guarantees a long lifetime.
- ◆ Nipper roller system: the main transmission is driven by gear and speed is inverter control. The whole machine transmission is stable and controlled by PLC in assembly section. The gap of the pre-nipper roller and final nipper roller is automatically adjusted by PLC. The upper nipper roller height adjustment adopts independent motor with worm and gear driving system, ensure the setting accuracy.
- ◆ Main heating oven: each heating oven adopts 8 pieces special designed blower, the motor connect together with the fan and the motor shaft adopts special designed Cooling fan blade which avoid motor heating and ensure long lifetime. Each blower acts on the independent air collecting bin, and the bin is installed inside of the heating oven with 3 group heaters. The fan rotates to directly blow the hot air to the glass through air duct by absorbing the hot air, accelerating the heating on glass, achieving a fast heating with low energy lose.  
The air duct adopts a bidirectional cross arrangement to achieve comprehensive balance hot air convection and guarantee the temperature uniformity in the oven.

No.	Model	Blower	Max Glass Size (mm)	Total Power (kw)
1	LW-GYF2040 W	11kw × 1	1600 × 4000	54
2	LW-GYF2240 W	11kw × 1	1800 × 4000	54
3	LW-GYF2440 W	11kw × 1	2000 × 4000	118
4	LW-GYF2640 W	11kw × 1	2200 × 4000	82.4
5	LW-GYF2840 W	11kw × 1	2200 × 4000	133.4
6	LW-GYF2860 W	15kw × 1	2500 × 6000	133.4
7	LW-GYF3060 D	15kw × 2	2500 × 6000	133.4
8	LW-GYF3360 D	15kw × 2	2800 × 6000	244.2
9	LW-GYF3360 W	18.5kw × 1	3000 × 6000	200
10	LW-GYF3560 D	18.5kw × 2	3000 × 6000	254.6
11	LW-GYF3580 D	18.5kw × 2	3000 × 8000	371.4
12	LW-GYF3860 D	18.5kw × 2	3300 × 6000	289
13	LW-GYF3880 D	18.5kw × 3	3300 × 8000	373
14	LW-GYF4080 D	18.5kw × 3	3500 × 8000	381.9

Attention Please: The effective length of autoclave can be customized according to customer requirements.



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