

Insulating glass processing line

1. GPL-XY2500Y-NW Insulating glass production line with turning table:-



• Press machine:-

- European Technology Swiss Brand ABB electric control part.
- PLC PANASOIC, PANASONIC transducer, WENVIEW monitor from Taiwan, Omron sensor. The main electric parts can run more than 50, 00,000 times. its automatic running realize transportation ,speed up – press glass (outside & inside)press machine -- two or three pieces of glass & different sizes of glass .it adjust the size of different glass by servo motor, it is high auto and more exact running.
- The press part can open and go side to install and maintain the machine. The front box is vacuum; the back box is pneumatic driving. It can deal with two or three pieces of glass and curtain walls.
- When press it is control by mechanical hand (mechanical position & suck part from Taiwan), all this make the press right position will not dislocation.
- When press outside the press machine human can do some fever to improve production efficiency and no dislocation.
- Vacuum generators for suck from Taiwan make sure no dislocation.
- Three step speeds up 50m/min + waiting part make the speed 1200 pieces insulating glass per eight hours.
- The frame is welding from 2.75 mm international rectangular pipe, high strength of frame and it will not change the shape.

• Washing machine:-

- The washing part was welding by stainless steel, it is high strength and shape will not change; the top parts made from 12mm thick stainless steel; the bottom is made from 5mm thick stainless steel, the lateral is made from 2mm thick stainless steel.
- OMRON recognition system for low – E glass, it can know if it is the coating side of the low-E glass. If it is Low-E glass the hard brushes will apart avoid damaging the coating of glass.
- Six anti-temperature brushes, diameter is 180 mm. four sprayers, high speed, glass washing clean, speed is about 10-12m per minute.
- The sping is stainless steel and can adjust 3-20 mm for different thickness of glass.

- All part contact water include the axle in the washing machine is stainless steel, copper or waterproof aluminium, nylon and so on, it will not rust for long time running ,and easy to maintain.
- Gear driving system take chain reaction so it will not leave the original position after long time running.
- Dry part frame is stainless steel will not dirty the glass second time the circle wind also down the noise.
- The circle hot wind down the noise comes from the machine (in winter the hot wind temperature can reach 40 even no heating).

Parameter:

- Voltage:380V/50HZ
- Power: 24.5 KW
- Max.size of original glass: 2500*3500
- Min.size of original glass: 400*280mm
- Thickness of original glass: 3-18 mm
- Working speed: 8-48 m/min
- Thickness of insulating glass: 55mm
- Weight: 7200kgs

2. GPL-XY2200Y Insulating glass processing line with turning table:-



● Press machine:-

- European Technology, Schneider electric control part.
- PLC PANASONIC, PANASONIC transducer, WENVIEW monitor from Taiwan, sensor Omron from Japan.
- The main electric parts can run more than 50, 00,000 times. Its automatic running realize transportation ,speed up – press glass --- two or three pieces of glass & different sizes of glass .it adjust the size of different glass by servo motor, it is high auto and more exact running.
- The press part can open and go side to install and maintain the machine the front box is vaccume; the back box is pneumatic driving. It can deal with two or three pieces of glass and curtain walls.
- When press it is control by mechanical hand (mechanical position & suck part from Taiwan), all this make the press right position will not dislocation.
- When press the glass will leave the transportation roller to do in this way it will longer the life time of transportation roller and will not break the glass.

- The speed is 45 M per minute and it has glass waiting process, its high effect ion will produce 1000 pieces of glass in 8 hours.
- The frame is welding from 2.75 mm international rectangular pipe, high strength of frame and it will not change the shape.

- **Washing and drying machine:-**

- The washing part and drying part are made of stainless steel, it is high strength and shape will not change; the top parts made from 12mm thick stainless steel; the bottom is made from 5mm thick stainless steel, the lateral is made from 2mm thick stainless steel.
- OMRON recognition system for low – E glass, it can know if it is the coating side of the low-E glass. If it is Low-E glass the hard brushes will apart avoid damaging the coating of glass.
- Six anti-temperature brushes, diameter is 180 mm. four sprayers, high speed, glass washing clean, speed is about 10-12m per minute.
- The spring is stainless steel and can adjust 3-20 mm for different thickness of glass.
- All part contact water include the axle in the washing machine is stainless steel, copper or waterproof aluminium, nylon and so on, it will not rust for long time running ,and easy to maintain.
- Dear driving system takes chain reaction so it will not leave the original position after long time running.
- Drying part frame is stainless steel will not dirty the glass second time, the circle wind also down the noise.
- The circle hot wind down the noise comes from the machine (in winter the hot wind temperature can reach 40 even no heating).

Parameter:

- Voltage:380V/50HZ
- Power: 21.5 KW
- Max.size of original glass: 2200*3000mm
- Min.size of original glass: 400*280mm
- Thickness of original glass: 3-18 mm
- Thickness of insulating glass: 55mm
- Work speed: 8-48 m/min
- Weight: 7000kgs