

## **GCI - Initial Cleaner : GCT 1400D**

**Customer** Hevel

**Address** RU-Novocheboksarsk

General characteristics

**Machine type** Incoming glass cleaning system (GCI)

**Delivery date** CW 06/2011

Serial No. S10-0002

Manufacturer MANZ TAIWAN LTD, Taiwan

Dimensions

**Length (mm)** 10500

**Width (mm)** 4305

**Height (mm)** 2038

**Operational height (mm)** 900 +/- 15

**Operation direction** from left to right

Power supply

**Operational voltage (V / Hz)** 400 V / 60 Hz

**Control voltage (V)** 24 V DC

**Total switched power (kW)** 65 kW

**Pre-fuse (A)** 175 A

Привод

**Conveyor speed (m/min)** 0,2 – 6

Emission

**Noise level (measured acc. to DIN 45635 on a stand-alone machine) (dB(A))** 79,3

The glass washing process includes the following sequential operations:

- Loading glass onto the feed conveyor
- Prewash with glass brushing
- Three-stage cascade washer
- Removing moisture from the glass surface using air knives
- Unloading clean glass in the unloading module

Loading ability:

1. Product size 1100mm x 1300mm
2. Thickness 3-5mm

A control cabinet is located close to the machine. The feed speed of the machine can be continuously adjusted using a control potentiometer in the range from 0.2 to 6 m / min and controlled using the corresponding digital indicator. The loading and unloading can be done manually or in combination with all the Schmid manipulators. Only high-quality PVC and stainless steel are used as processed materials. During processing, the workpieces are transported between the rotating rolls. The brush pressure can vary depending on the distance between the brush and the workpiece. For each purpose, you can use brushes from different materials. The brush replacement device allows you to change brushes quickly and effortlessly.

The existing washing module and tank module allow the use of combined flushing with clean water, circulating water and cascade (back) flushing. Large tank modules use the same pumps as brush modules.

The dryers used are equipped with high-performance fans and optionally by thermostatically controlled air heating, so they are designed for high feed rates.

