

## Single Line 4 Automatic Welding and Corner Cleaning Center

SINGLE LINES › SINGLE LINE 4

- Automated production line enables working at maximum productivity from the welding machine to the end of the offloading station.
- All phases of the operation from loading of the profiles to the welding and corner cleaning process up to the unloading of the frames or sashes are controlled by computer.
- Profile identification informations is automatically transferred from the welding machine.
- Formed for high capacity production by combining 2 or 3 horizontal four head welding machines with four corners cleaning machine
- The integrated system provides high capacity and high quality production at minimum space.
- Movable and stable transfer stations automatically carry the frames or sashes from the welding machine to the corner cleaning machine, then to the offloading station.
- By online connection to the entire system, remote detection of malfunctions and maintenance is available.
- The rails are specially coated to prevent corrosion.

### **CK 188 Buffer Cooling Station / CK 187**

- Cooling station which transfers the welded frames or sashes from four head welding machine to turning station for corner cleaning.
- Computer controlled triple handle drilling and espagnolette canal milling is processed while the frame or sash is cooling at the buffer station.(CK 188)
- Waiting time for cooling is controlled by the computer of the welding machine.,

### **CK 190 Ordering Conveyor**

- Automatically moving table on rails from one buffer station to the other which transfers the welded frames or sashes to corner cleaning line.

### **CK 196 Window Separating Conveyor**

- Automatically transfers the frame or sash and positions the to be processed corners one by one into the corner cleaning machine.
- Two under table transporters and robot clamping system enables faster operation.
- By the horizontal and vertical belt system, stable transfer of the frames or sashes to the CNC Corner cleaning machine is enabled.

### **CK195 Off Loading Conveyor**

- Transports the processed frame or sash to the off loading area.

### **OPTIONAL**

- Barcode Reader (AK 002)
- Gasket pressing system (AK 032)
- Automatic 0,2 mm and 1,2 mm welding seam restriction settings. (AK 050)

