

## Single Line 3 Four Head Welding and CNC Corner Cleaning Machine

SINGLE LINES › SINGLE LINE 3

- Formed by the efficient combination of KD 658/20 Four Head Welding Machine, CK 188 Buffer Station, CK 176 Automatic Turning Station and CN 776 CNC corner cleaning machine in one production unit.
- Computer controlled triple handle drilling and espagnolette canal milling is processed while the frame or sash is cooling at the buffer station.
- CN 776 Corner Cleaning Machine can start cleaning the corners while the Four Head Welding Machine starts the welding process.
- CK 176 Automatic Turning Station turns the frame or sash at an appropriate speed related with the size and provides four corners to be cleaned.
- Profile identification informations is automatically transferred from the welding machine.
- Durable and precision movement of axis due to hardened rack and zero backlash geraboxes used in the gear system.
- By online connection to the entire system, remote detection of malfunctions and maintenance is available.
- Data transfer is available via network and connection or USB storage.
- Central lubrication system to eases the machine maintenance.
- The rails are specially coated to prevent corrosion.

### CK 188 Buffer Cooling Station

- 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 176 Turning Station

- Works integrated to CN 776 CNC Corner Cleaning Machine
- 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.
- Tranports 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)

