

Single Line 1

Four Head Welding and CNC Corner Cleaning Machine

SINGLE LINES » SINGLE LINE 1

- Formed by the efficient combination of KD 658/20 Four Head Welding Machine, CK 187 Buffer Station, CK 180 Faster Turning Robot and CN 770/20 CNC corner cleaning machine in one production unit.
- Welded frame or sash is automatically transferred to the corner cleaning machine with all the data about the profile.
- CN 770/20 Corner Cleaning Machine can start cleaning the corners while the Four Head Welding Machine starts the welding process.
- High mechanical stability, servo controlled CK 180 Faster Turning Robot enables fast and stable turning with high accuracy. Small frames take 1 second, large frames take 1.5 to 4 seconds. The positioning can be done by turning the corner.
- 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 187 Buffer Cooling Station

- Cooling station which transfers the welded frames or sashes from four head welding machine to turning station for corner cleaning.
- Waiting time for cooling is controlled by the computer of the welding machine.

CK 180 Faster Turning Robot

- CN 770/20 CNC Corner Cleaning Machine works entegreated
- Automatically transfers the frame or sash and positions the to be processed corners one by one into the corner cleaning machine.
- 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)

