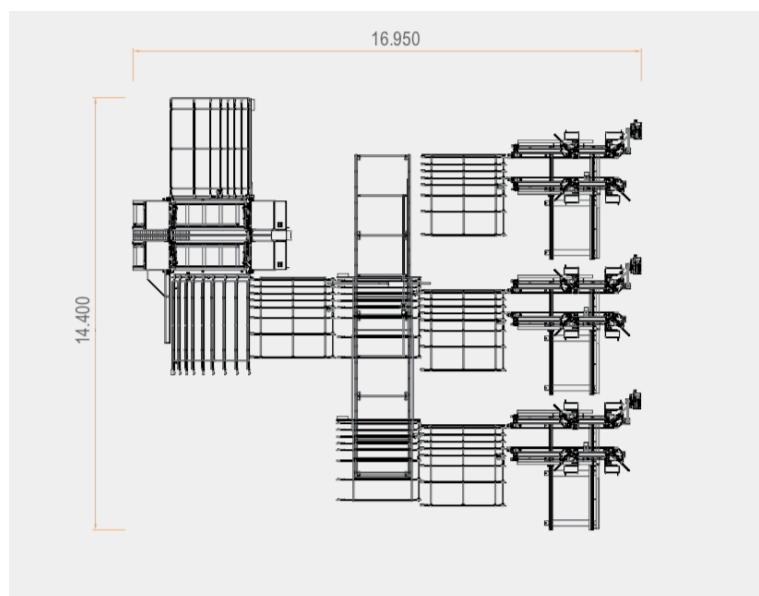




## Single Line 4

- Formed for high capacity production by combining 2 or 3 horizontal head welding machines with four corners cleaning machine
- Automated production line enables working at maximum productivity from the welding machine to the end of the offloading station
- The integrated system provides high capacity and high quality production in a minimum of 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
- Wireless data communication between the stations enables synchronization
- 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 the computer
- Profile identification information is automatically transferred from the welding machine
- Durable and precision movement of the axis due to hardened rack and zero backlash gear boxes used in the gear system
- By online connection to the entire system, remote detection of malfunctions and maintenance is available
- The rails are specifically 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
- Waiting time for cooling controlled by the computer of the welding machine
- Computer controlled triple handle drilling and espagnolette channel milling

#### **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 195 – Off Loading Conveyor**

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

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

- Automatically transfers the frame or sash and positions the 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

#### **Optional**

Barcode reader

Gasket pressing system

Automatic 0.2mm & 1.2mm welding seam restriction setting