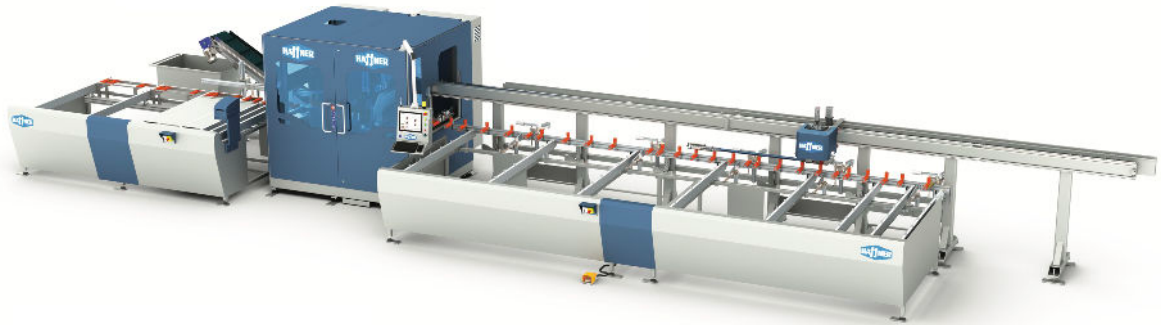




AL 220/80

Aluminium Machining Centre

- All sawing, milling, drilling and marking operations on aluminium profiles are gathered in one machine controlled by a computer
- Automatic oil dispenser
- Stacking of 7 profiles (max 6.5m length) – profile width dependent
- Servo driven automatic cutting of all angles between 45° and 135°
- Pop up roller to avoid profile marking during transportation
- Heavy duty routing motor for long life operation
- Able to work in high speed and precision thanks to 9 axis controlled by servo motors
- Automatic conveyor belt system to transport scrap profile to the waste container
- Opens barrel, mirror and handle holes at door profiles simultaneously to increase the production speed by using 1 extra servo motor
- Able to perform all operations precisely by the 12 tools on the milling group
- 15" touch screen monitor
- Industrial PC and Windows 10 operating system, which works between 0°C and 55°C without the need for a fan
- Ability to work with data from different window production software ensuring minimum wastage
- All errors can be seen on the screen with interface programme developed by Murat Machine Software Development Department
- Problem identification, solution and servicing by means of remote connections
- Data transfer is available via network and connection or USB storage
- Ability to back-up data on internal storage unit



- With shift monitoring system, all operations can be controlled daily, weekly, monthly and annually
- Central lubrication system to ease the machine maintenance
- Automatic horizontal-vertical positionable gripper
- Able to perform opening, drilling and milling operations of angled water drainage channel
- Operating system takes maximum safety measures against virus spreading and user errors, by cleaning unnecessary processes of last log in, automatically at every opening and closing of the machine

Technical Features

- Power supply: 400V, 3ph, 50-60Hz
- Total power output: 20kW, 32A
- Spindle motor power: 2.2kW
- Spindle speed: 1800rpm
- Saw blade motor power: 3kW
- Saw blade diameter 600mm
- Saw blade speed: 2800rpm
- Air pressure: 6-8 bar
- Air consumption 750 l/min
- Maximum raw profile length 7,000mm
- Minimum raw profile length 1,000mm
- Maximum profile length: 4,000mm
- Minimum profile length at 90°: 350mm
- Maximum profile milling height: 180mm
- Maximum profile milling width: 210mm
- Maximum profile cutting height: 180mm
- Minimum profile cutting height: 30mm
- Maximum profile cutting width at 90°: 210mm
- Machine height: 2,600mm
- Machine length: 16,050mm
- Machine width: 3,970mm
- Machine weight: 6,000kg

Optional

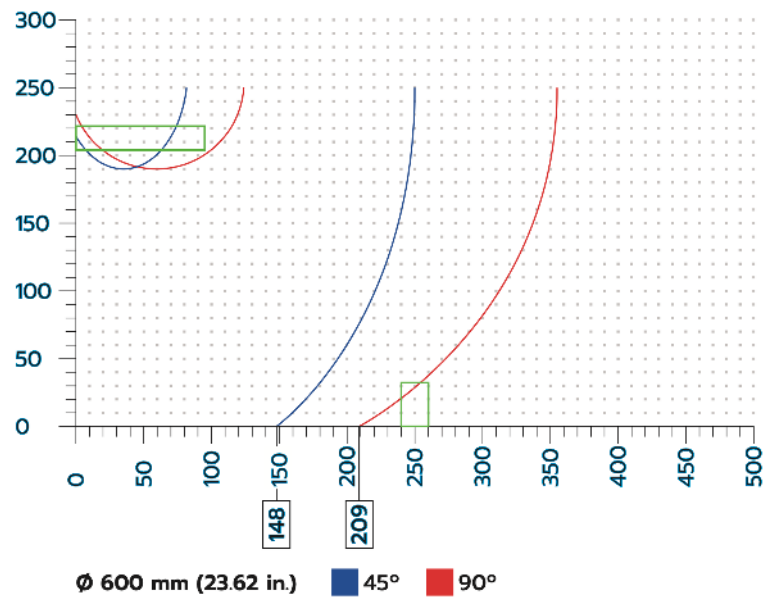
AL 001 – Camprox Software Programme

AL 002 – Screw-driving unit

Servo controlled 3 axis end milling unit



Cutting Diagram



Machine Dimensions

