



DCA 440

Servo Controlled Automatic Double Head Aluminum Cutting Machine

Standard Features

- Cutting of Aluminum profiles with high speed and precision thanks to 3-axis servo system
- Strong construction, linear rail and sliding-bearing system for precise length and angle
- Industrial PC Based Servo Control System, 10 touch screen (Beckhoff)
- Ethercat based controlled drivers and high-torque servo motors
- Remote desktop connection by way of Wifi or Network connection
- File transfer via USB or Network
- Central lubrication system
- All error messages can be seen on the machine screen with the interface program which developed by SCHTEC Software R&D Department.
- Remote connection method and problem detection and solution by connecting to all automation system
- High angle accuracy thanks to cycloid gap free gearbox
- Profile height automatically transferred from profile data
- Automatic aluminum corner block cutting
- Cooling system to cut Aluminium profiles
- Hydro-pneumatic system to cut Aluminium profiles
- The saw heads tilt automatically between 22° and 158° by servo motors
- Machine can make single cuts
- Adjustable saw cutting speed
- Profile support conveyor is available on the machine as = standard



Optional

- Barcode printer system
- 5 Axis. 2 servo systems can be added for saw cutting motion

Technical Specifications

Power Supply	: 400 V, 3 Ph, 50-60 Hz
Total Power	: 7.2 kW
Power Output of Each Motor	: 3 kW
Diameter of Saw Blade	: 600 mm
Saw Blade Speed	: 2800 rpm/min
Cutting Length	: 250 mm - 6500 mm
Air Pressure	: 6-8 bar
Air Consumption	: 60 lt./min.
Machine Height	: 1.935 mm
Machine Length	: 8.100 mm
Machine Width	: 1.950 mm
Machine Weight	: 2.650 kg

