

# CUBITRON 600 AL

## Aluminium Profile Cutting and Machining Center

3 axis controlled CNC processing center can do all operations on four sides of Aluminium profiles such as cutting, marking, openingkey holes, copy routing for water slot milling, hinge holes,handle holes etc.

- 12 high-speed custom-made and air-cooled spindles are able to cut for all angles from 22,5° to 157,5° with 0.1° precision, by means of a servo axis-controlled.
- 600 mm-diameter saw.
- 3 axes and 360 rotatable gripper positioning.
- Automatic profile length recognition.
- Ability to load profiles in any size from 500 mm to 6500 mm for profile feeding unit.
- Equipped with an automatic lubrication system.
- A profile conveyor system with high precision.
- Remote Access.
- Moving clamp systems.
- Vertical alignment system.
- Special clamp systems.
- Special milling tools for processing aluminium.

-Each clamps can adjust the pressure system.

## Technical Specifications

-Power Supply : 380-400 V, 3 ph, 50-60 Hz

-Total KW : 15 kW

-Motor KW : 2,2 kW

-Air Consumption : 450 lt/min

-Air pressure : 6-8 bar

-Machine Height : 2450 mm

-Machine Length : 13650 mm

-Machine Width : 2640 mm

-Machine Weight : 10180 Kg

-Max Cut Profile Thickness : 170 mm

-Maximum Cut Profile Height : 200 mm

-Minimum Thickness Profiles : 20 mm

-Minimum Profile Height : 35 mm

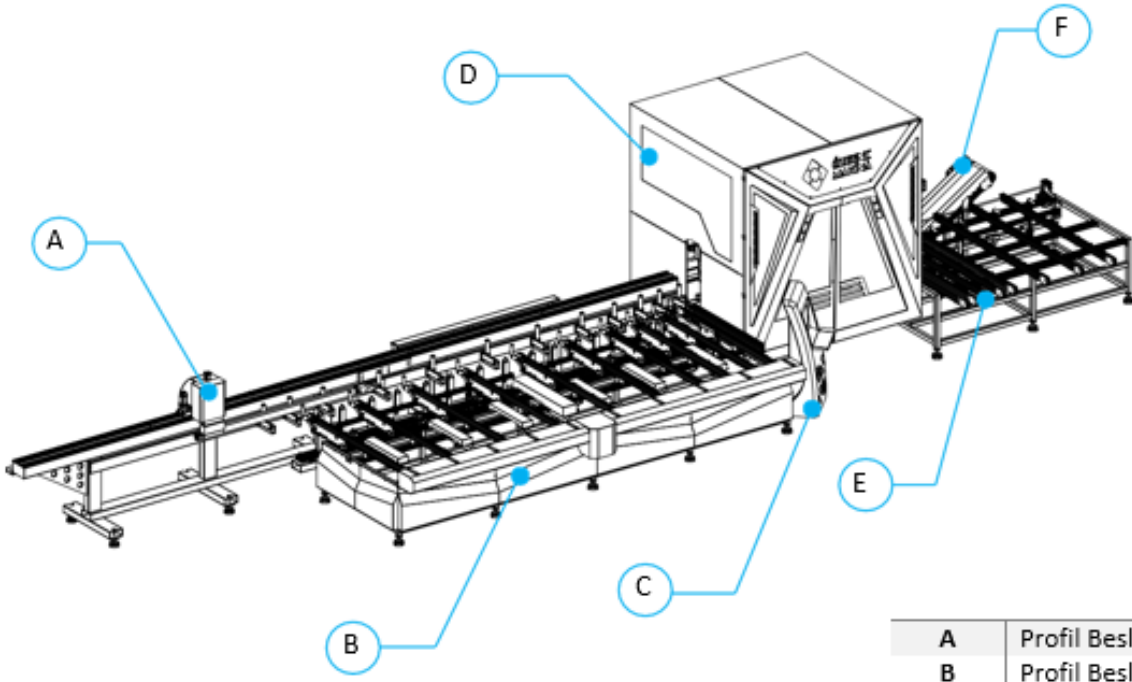
-Number of Saws Used : 1

-Saw Outside Diameter : Ø600

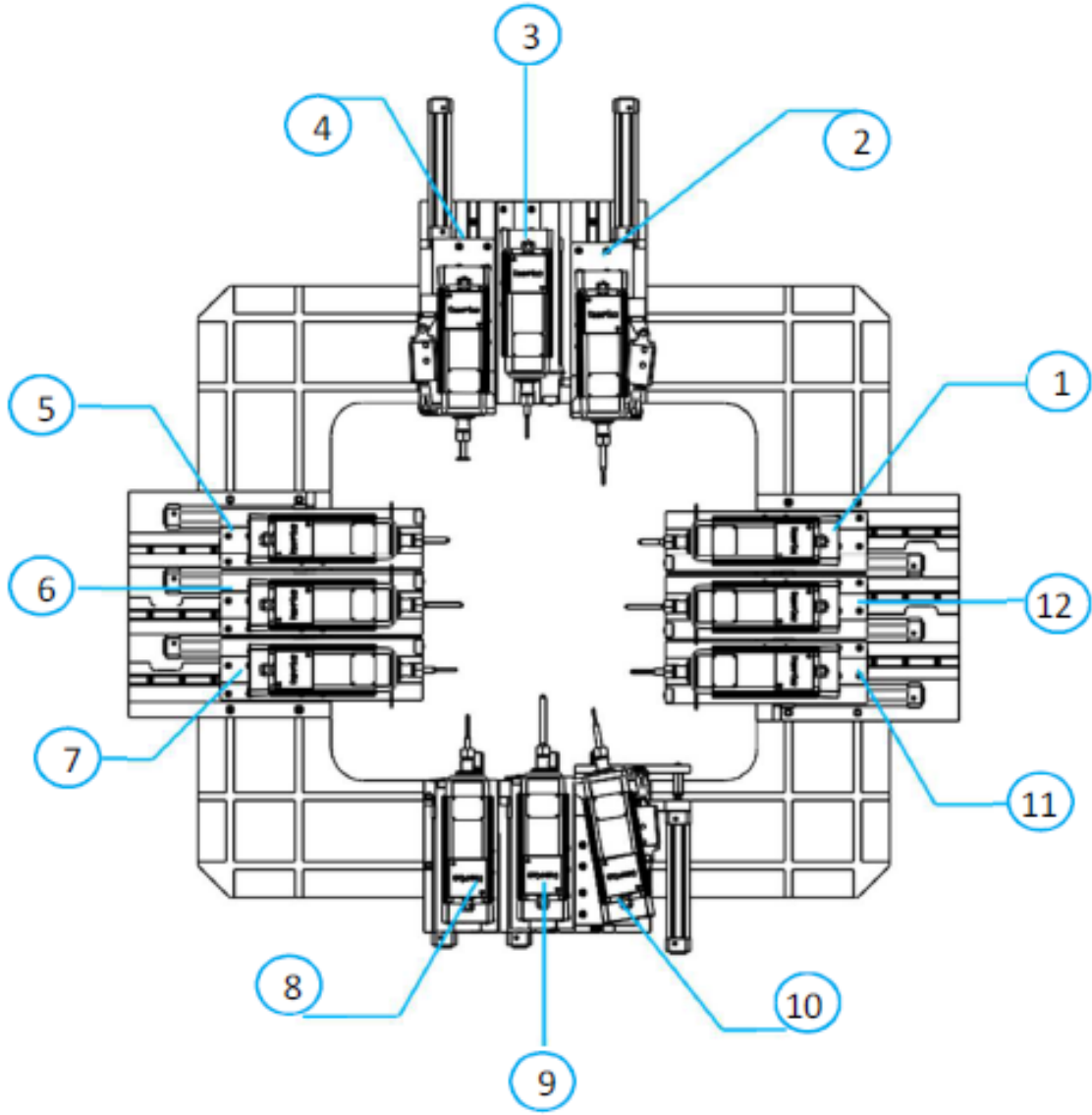
-Inside Diameter of Saw : Ø30

-Saw Thickness : 4 mm

-Number of Teeth : 140



A	Profil Besleme Ünitesi
B	Profil Besleme Konveyörü
C	Kontrol Ünitesi
D	İşleme Ünitesi
E	Çıkış Ünitesi
F	Talaş Konveyörü



- ✓ 12 Yüksek – Hızlı özel yapım Döner Kafa
- ✓ Soğutma Sistemi
- ✓ Profilin Tüm yüzeylerini İşleyebilme kabiliyeti
- ✓ 2 eksen servo kontrollü Hareketli Ünite

