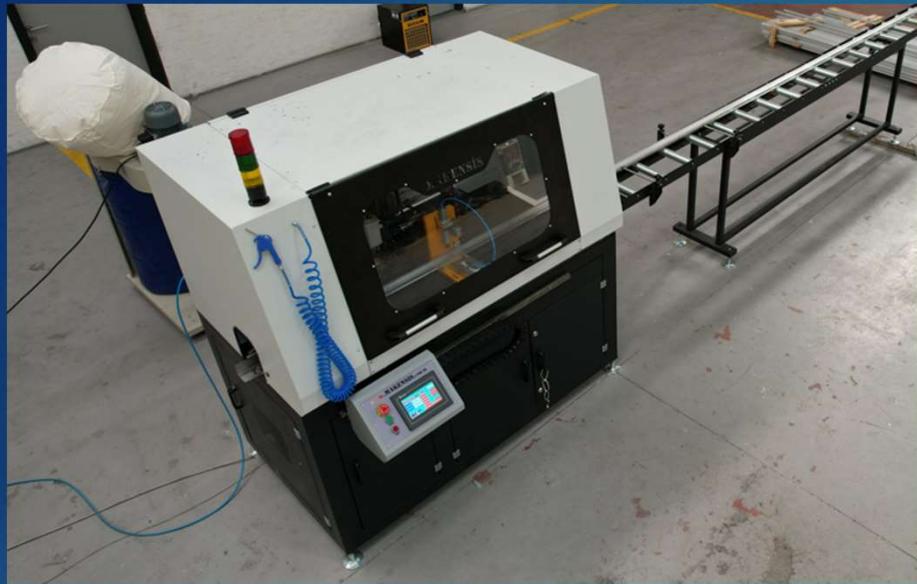
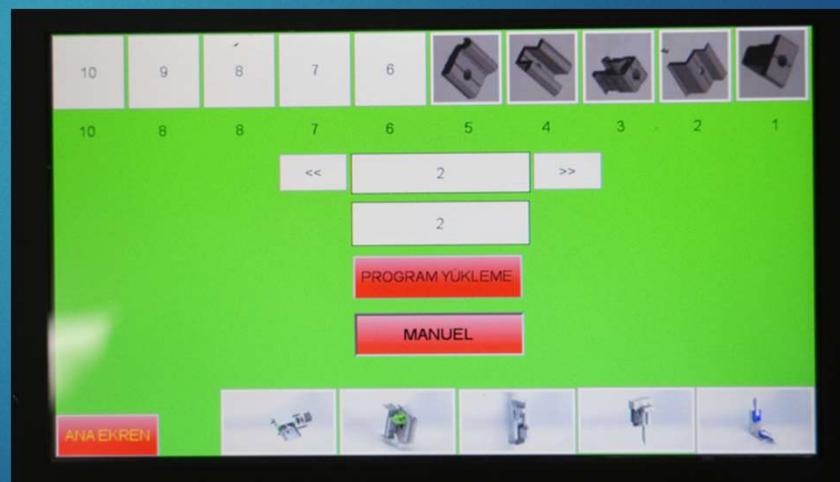




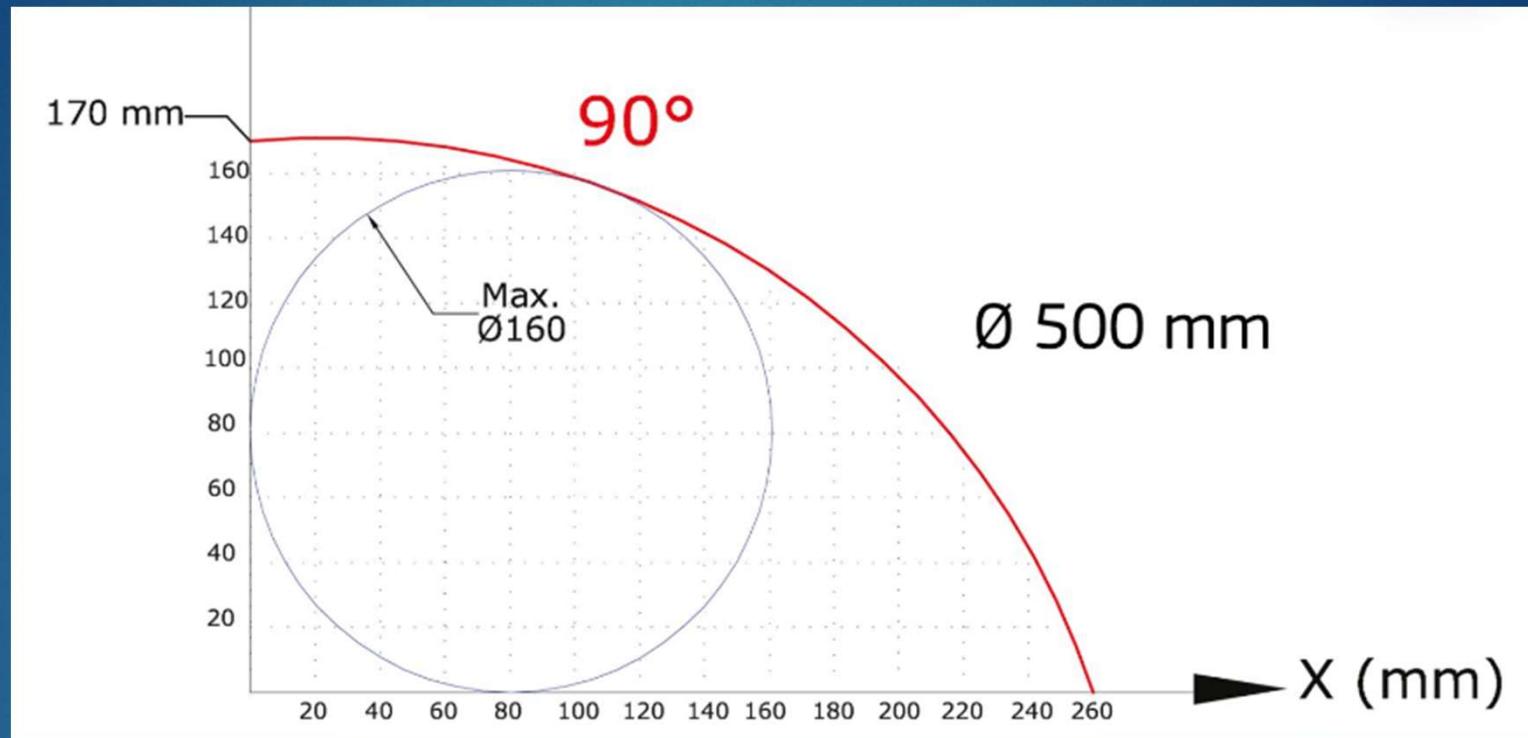
FULL SERVO SYSTEM
PRECISE AND RAPID







EASE OF MAKING UP A PRESCRIPTION FOR YOUR PARTS



- ▶ GENERAL FEATURES:
- ▶ *The feed rate in the Z-axis of the servo-controlled saw can be adjusted precisely according to the profile.
- ▶ The aluminum profile is cut precisely to the desired size with a servo-controlled robot arm.
- ▶ Ø500 saw is utilized.
- ▶ The saw speed is 3000 rpm.
- ▶ The robot arm drag and drop system enables precise cutting of long-length profiles.
- ▶ Cutting-drilling and threading operations continue until the end of the profile with an automatic cycle after the profile is placed.
- ▶ It provides high quality and easy cutting.
- ▶ A high level of security is provided by the magnetic safety switch and piston on the covers.
- ▶ All movements of the machine are servo system.
- ▶ Drilling unit x – y – z movements are servo.
- ▶ Optional spindles can be added in order to drill from different angles.
- ▶ Shavings absorption system is available.
- ▶ Saw and spindle spray cooling system is available.
- ▶ Air consumption: 30 lt/min
- ▶ **Total Kw: 6.2 kWh**
- ▶ **Beckhoff PLC Control system**
- ▶ Opportunity to create a cut list
- ▶ SMC – FESTO Pneumatic system

- ▶ EQUIPMENT USED
- ▶ MECHANICAL MOTION SYSTEMS . SCHNEEBERGER – GAMBINI
- ▶ SERVO MOTOR SYSTEM – BECKHOFF
- ▶ SAW MOTOR – HERTZ
- ▶ AUTOMATIC LUBRICATION SYSTEM ...SKF
- ▶ BEARINGS USED SKF – FAG