PRODUCT WEB LINK

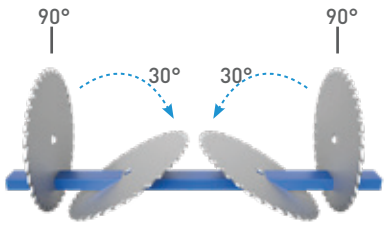
GEMINI - X

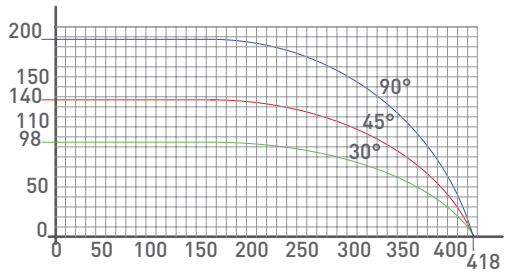
Double Head Radial Saw Ø 550 mm - Full Automation with 3 Axis Servo Control

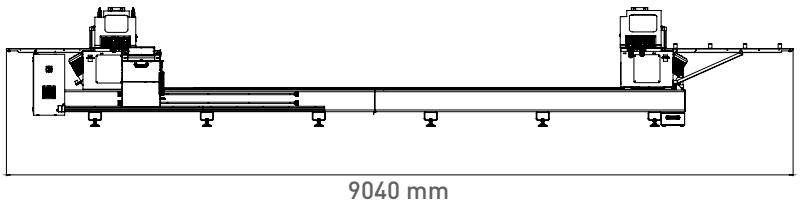
YouTube

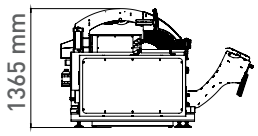
WEB

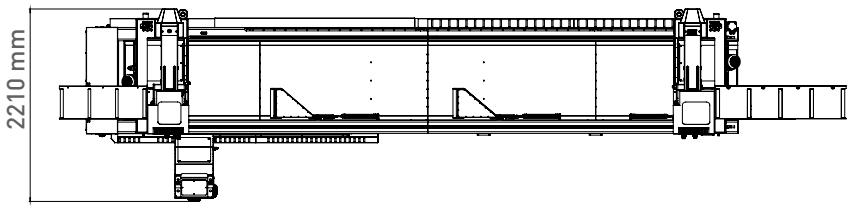
3 axis servo controlled radial double head radial saw GEMINI – X is ideal for cutting aluminum and PVC profiles in various angles and thickness. GEMINI – X is designed for cutting larger profiles. It provides rapid and automatic positioning of heads with servo control at any angles between 30° and 90°. Double head GEMINI - X enables simultaneous cutting of profile lengths from 460 mm to 6000 mm and eliminates barriers for cutting of 6000 mm and longer profiles. Safety is a topmost priority for GEMINI – X together with the horizontal and vertical clamps along with profile support units which improve the cutting quality.











KG 2240

+90 0216 304 20 10 info@ozcelik.com Anadolu Mh. Kanuni Cd. 8, 34956 Tuzla, İSTANBUL - TÜRKİYE

GEMINI - X

Double Head Radial Saw Ø 550 mm - Full Automation with 3 Axis Servo Control

AXIS TRAVEL

Servo controlled rotation axis of head	●
Rapid positioning of heads with servo control at any angles between	30° and 90°
Hydro-pneumatic cutting feed adjustment	●
Minimum cutting length with double head (90°/45°)	460 mm / 460 mm
Maximum cutting length with double head (90°/45°)	6000 mm / 6000 mm
Maximum internal rotation angle	30°
Maximum external rotation angle	90°

POSITIONING SPEED

X axis positioning speed	40 m/min

AIR

Pressure	6-8 Bar
Consumption	150 L/min

ELECTRICAL

Maksimum güç	9,1 kW
Voltaj	400V
Frekans	50-60 Hz

OPERATIONAL AREA

Cemented carbide saw blade	2
Saw blade diameter	550 mm
Saw blade motor power	3kW - 4HP
Optional length in X-axis	○
Cutting zone protection covers	●
Horizontal pneumatic clamps	●
Vertical pneumatic clamps	●
Manual intermediate profile support	●
Intermediate profile support (pcs)	3
Additional intermediate profile support	●
Roller conveyor on moving head	●
Spray saw cooling system	●
Digital adjustment saw blade travel distance	●
Saw blade travel speed adjustment	●
Slicing mode at 90°	●
Barcode printer	●
Data transfer via remote network connection, Ethernet and USB	●
Control panel	10" Touch screen
Compatibility with powder suction system	●
Oz Machine Softcut (Cutting optimisation program)	○

● Standard ○ Opsiyonal

Özçelik Makina continuously improves its products and offers new and modern solutions for PVC and Aluminum Profile Processing. Accordingly, Özçelik reserves the right to change the information in this document without notice. All dimensions and weights are reference values. Valid from January 2025