

DEVELOPMENT OVERVIEW

ALPMILL F1

Compact 3-axis CNC machining center

Developed in Bursa for companies seeking a compact CNC milling machine and an early technical discussion about their application.



Product visualization · Final configuration may vary

420 / 550 / 350 mm

32

FANUC

X / Y / Z travel · planned

Tool positions · planned

Control · specified

ALPMILL F1: first machine under construction. Series configuration and performance are subject to validation.

Technical outline

Development specification: planned values, not confirmed acceptance results. Configuration, scope and delivery schedule are agreed for each project.

Axes	3
Travel X / Y / Z	420 / 550 / 350 mm
Table area	420 × 550 mm
Tool magazine	32 positions, carousel
Tool interface	BBT30 / BT30 - interface to be agreed
Spindle	8.5 kW S1; maximum 30,000 rpm
Spindle cooling	Water-cooled
Rapid traverse X / Y / Z	25 / 25 / 20 m/min
Control	FANUC
Base / column	GGG40
Machine dimensions (planned)	1500 × 1500 × 2000 mm
Dry weight (estimated)	approx. 1,800 kg; without fluids and tools
Repeatability / positioning accuracy (target)	≤ 10 µm each; validation pending

Configuration and performance figures are development targets. Dry weight is an estimate; accuracy is an unvalidated target. Confirmed acceptance results are not yet available.

Is ALPMILL F1 suitable for your part?

We review workpiece size, material, fixturing, tools and machining objectives. An application recommendation depends on these details.

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