DTC 6000

DRILLING, TAPPING AND CUTTING MACHINE

Milling, Drilling and Cutting Processes for Aluminum Profiles



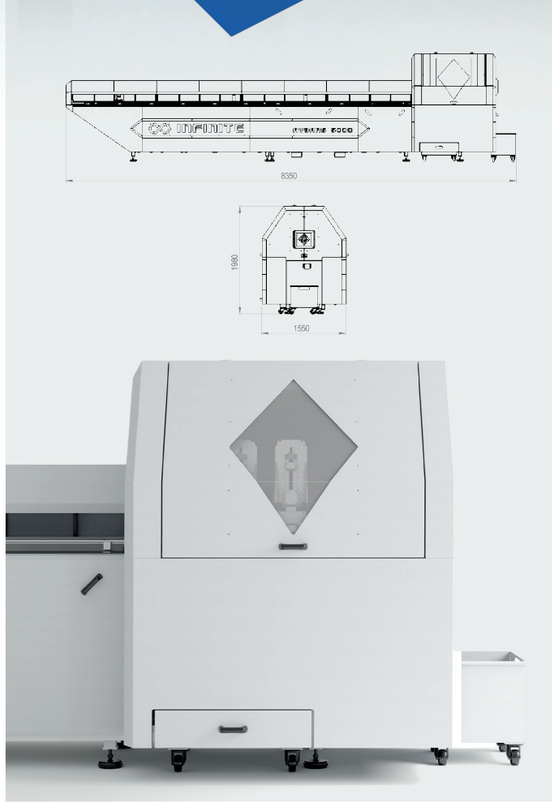


Options

- Remote-controlled button MG PILOT (OPTION)
- Processor i7 (quad-core) CNC - PC
- cadXtrack software
- Tool measuring probe
- HARD cutting thread
- Automatic loading unit
- Automatic unloading unit

Technical Specifications

AXES			POSITIONING SPEED		
X AXIS	mm	6000	X AXIS	m/dk	60
Y AXIS	mm	50	Y AXIS	m/dk	60
Z AXIS	mm	50	Z AXIS	m/dk	60
X1 - X2 - X3 AXIS	mm	75	X1 - X2 - X3 AXIS	m/dk	5
Y1 - Y2 - Y3 AXIS	mm	50	Y1 - Y2 - Y3 AXIS	m/dk	5
Z1 - Z2 - Z3 AXIS	mm	50	Z1 - Z2 - Z3 AXIS	m/dk	5
B AXIS (TAPPING)		50	B AXIS (TAPPING)	m/dk	5
SPINDLE			**SAW - WEIGHT**	**Ø - KG**	**150 - 3000**
SPINDLE MOTOR POWER	kW	5	OVERALL DIMENSIONS (WIDTH, LENGTH, HEIGHT)	mm	7700 x 1000 x 2000
SPINDLE SPEED	RPM	18000			
SPINDLE TYPE		ER25			



Standard Features

- Simultaneous drilling, guide pulling, and cutting for aluminum profile sizes up to 50x50
- Ability to process aluminum profiles with a precision of 0.1 mm to desired dimensions
- Automatic drill bit cooling system
- Tapping capacity up to M10
- 7" HMI screen
- LAN switch
- Cutting thread
- LED lighting
- Chip removal drawer
- Multi-hole drilling capability
- Thread tapping system with the ability to tap up to M12
- Automatic tap lubrication system
- Saw spindle speed adjustable up to 4500 RPM
- Automatic saw cooling system
- Rack and pinion drive system
- Tap dulling feature
- Automatic profile length measurement
- Touch operator panel
- Ability for unmanned operation and production
- Compressed air gun