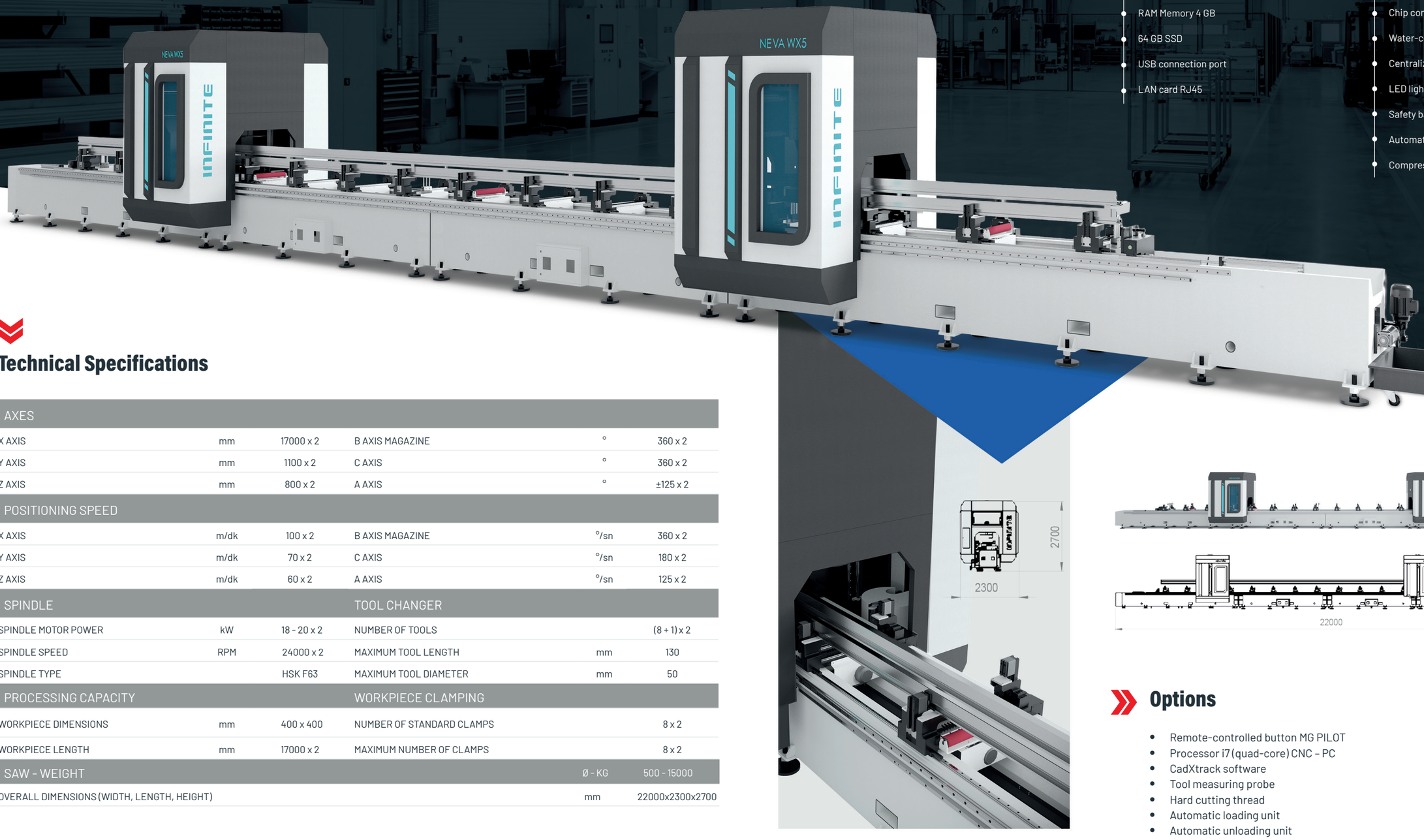
30-AXIS

NEVA WX5

ALUMINUM PROFILE CNC MACHINING CENTER

Milling, Drilling and Cutting Processes for Aluminum Profiles



Standard Features

- Automatic vise positioning on the X-axis
- Hand P independent axes for automatic vise and workpiece reference stopping positioning
- Capacity to machine from 3 surfaces on 4 axes and from 5 surfaces on 5 axes
- Independent motor-driven vises
- Wi-Fi connection handwheel
- Processor i3 (dual-core) CNC – PC
- Graphic color display LCD-TFT, 24" screen
- RAM Memory 4 GB
- 64 GB SSD
- USB connection port
- LAN card RJ45
- MICROSOFT WINDOWS embedded
- CAMPROX software
- Cutting thread
- Chip conveyor
- Water-cooled spindle
- Centralized grease lubrication system
- LED lighting
- Safety barrier
- Automatic chip discharge conveyor
- Compressed air gun

Technical Specifications

AXES					
X AXIS	mm	17000 x 2	B AXIS MAGAZINE	°	360 x 2
Y AXIS	mm	1100 x 2	C AXIS	°	360 x 2
Z AXIS	mm	800 x 2	A AXIS	°	±125 x 2
POSITIONING SPEED					
X AXIS	m/dk	100 x 2	B AXIS MAGAZINE	°/sn	360 x 2
Y AXIS	m/dk	70 x 2	C AXIS	°/sn	180 x 2
Z AXIS	m/dk	60 x 2	A AXIS	°/sn	125 x 2
SPINDLE			**TOOL CHANGER**		
SPINDLE MOTOR POWER	kW	18 - 20 x 2	NUMBER OF TOOLS		(8 + 1) x 2
SPINDLE SPEED	RPM	24000 x 2	MAXIMUM TOOL LENGTH	mm	130
SPINDLE TYPE		HSK F63	MAXIMUM TOOL DIAMETER	mm	50
PROCESSING CAPACITY			**WORKPIECE CLAMPING**		
WORKPIECE DIMENSIONS	mm	400 x 400	NUMBER OF STANDARD CLAMPS		8 x 2
WORKPIECE LENGTH	mm	17000 x 2	MAXIMUM NUMBER OF CLAMPS		8 x 2
SAW - WEIGHT				Ø - KG	500 - 15000
OVERALL DIMENSIONS (WIDTH, LENGTH, HEIGHT)				mm	22000x2300x2700

Options

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