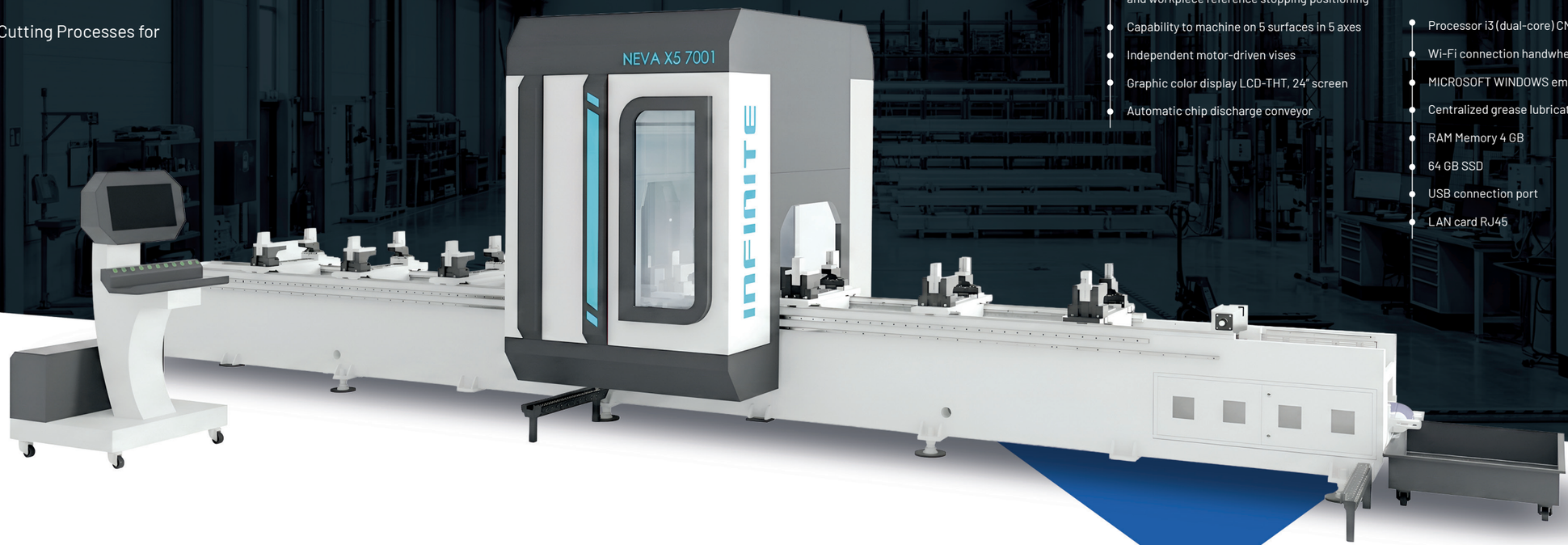
5-AXIS

NEVA X5P

ALUMINUM PROFILE CNC MACHINING CENTER

Milling, Drilling and Cutting Processes for Aluminum Profiles

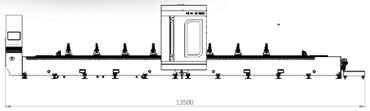


Standard Features

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

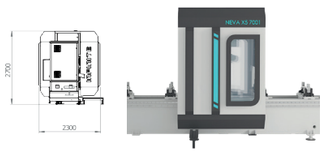
Technical Specifications

AXES		7000	8000	9000	11000
X AXIS	mm	7000	8000	9000	11000
Y AXIS	mm	1100	1100	1100	1100
Z AXIS	mm	800	800	800	800
B AXIS MAGAZINE	°	360	360	360	360
C AXIS	°	360	360	360	360
A AXIS	°	125 ±	125 ±	125 ±	125 ±
POSITIONING SPEED					
X AXIS	m/dk	100	100	100	100
Y AXIS	m/dk	70	70	70	70
Z AXIS	m/dk	60	60	60	60
B AXIS MAGAZINE	°/sn	360	360	360	360
C AXIS	°/sn	360	360	360	360
A AXIS	°/sn	180	180	180	180
SPINDLE					
SPINDLE MOTOR POWER	kW	18-20	18-20	18-20	18-20
SPINDLE SPEED	RPM	24000	24000	24000	24000
SPINDLE TYPE		HSK F63	HSK F63	HSK F63	HSK F63



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



PROCESSING CAPACITY					
WORKPIECE DIMENSIONS	mm	400 X 400	400 X 400	400 X 400	400 X 400
WORKPIECE LENGTH	mm	7000	8000	9000	11000
TOOL CHANGER					
NUMBER OF TOOLS	pcs	8 x 2	8 x 2	8 x 2	8 x 2
MAXIMUM TOOL LENGTH	mm	130	130	130	130
MAXIMUM TOOL DIAMETER	mm	50	50	50	50
WORKPIECE CLAMPING					
NUMBER OF STANDARD CLAMPS		8	8	8	8
MAXIMUM NUMBER OF CLAMPS		8	8	8	8
SAW - WEIGHT	Ø - KG	500 - 9000	500 - 9500	500 - 10000	500 - 11000
OVERALL DIMENSIONS (WIDTH, LENGTH, HEIGHT)	mm	9500 x 2250 x 2700	10500 x 2250 x 2700	11500 x 2250 x 2700	12500 x 2250 x 2700