

The logo for Nexus Technica features the word "Nexus" in a bold, blue, sans-serif font. A red chevron shape is integrated into the letter 'x'. Below "Nexus" is the word "TECHNICA" in a smaller, blue, all-caps, sans-serif font. A registered trademark symbol (®) is located at the top right of the word "Nexus".

Nexus[®]
TECHNICA

nexustechnica.com

AYBARS 6000

DRILLING, GUIDE PULLING, AND CUTTING MACHINE



AYBARS 6000 s a fully automatic machine capable of drilling, guide pulling, and cutting aluminum profiles up to the dimensons of 50x50 simultaneously. It achieves a production rate of 1 aluminum product every5 seconds

DRILLING

ER 25 tool holder drill system,
Drilling spindle speed adjustable up to 12000 RPM,
Automatic drill cooling system.
AYBARS 6000

GUIDEPULLING

Guide pulling system capable of accommodating up
to M12 guides,
Automatic guide lubrication system.

CUTTING

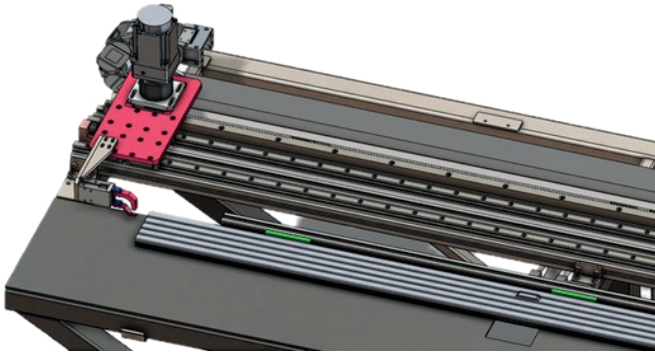
Saw spindle speed adjustable up to 18000 RPM,
Saw system capable of accommodating up to Ø250 mm,
Automatic saw cooling system.

AYBARS 6000

DRILLING, GUIDE PULLING, AND CUTTING MACHINE



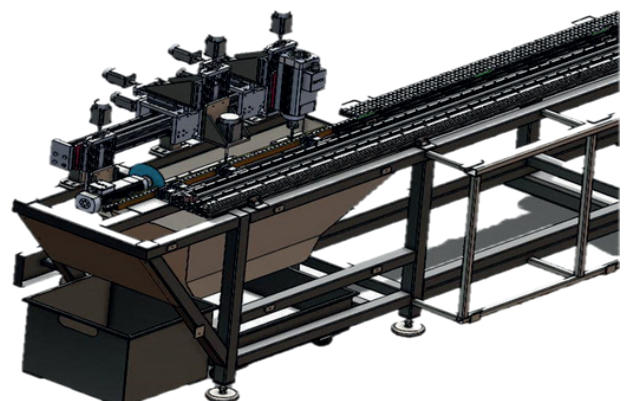
The machine length s 7.5 meters,
Loadable profile length s 6.2 meters,
Rack and pinion drive system,
Guide wear feature,
Automatic profile length measurement,
Touchscreen operator panel,
Capability for unmanned operation and unmanned production

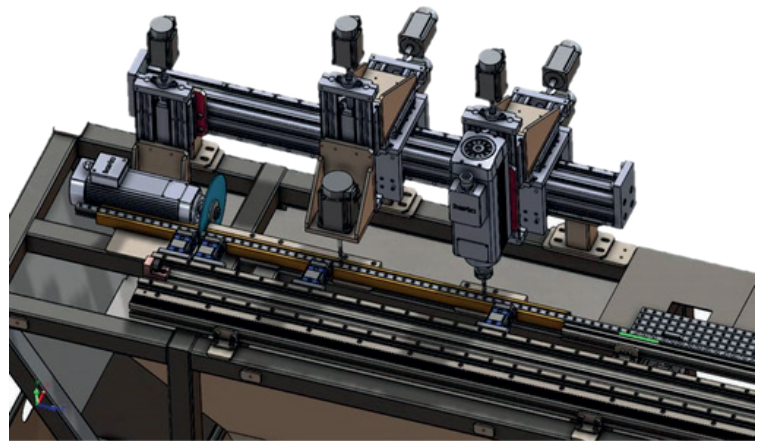
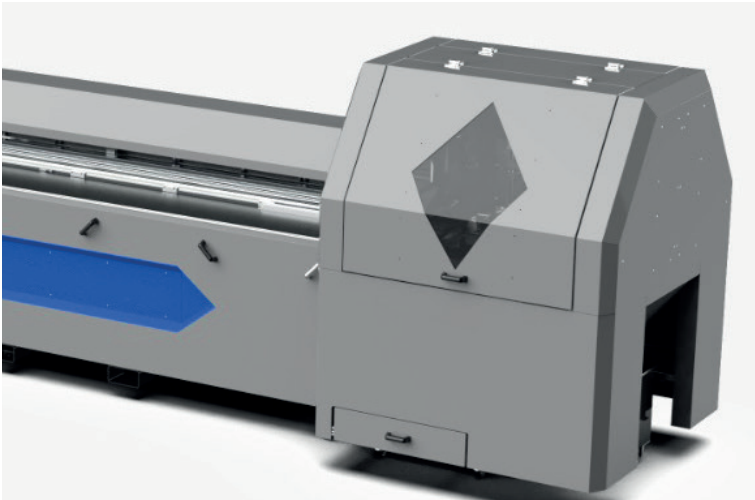


The desired profile positioning will be achieved using the sliding axis on the machine.



The vertical spindle motor on the machine enables operation in three axes.





Drilling and tapping operations will be performed on the fixed profile using drill bits located on the upper surface. Subsequently, cutting will be conducted with the saw blade on the lower surface. Four servo motors will be connected to the system for drilling and tapping operations, allowing drilling and tapping to be performed as desired



Contact Us

NEXUS TECHNICA Ltd., str. Bulgaria 9, fl. 3, apt. 12, Plovdiv, BULGARIA

M: (TR) +90 545 401 19 84 (BG) +359 (0) 877 01 19 21 sales@nexustechnica.com www.nexustechnica.com

 [nexustechnica](#)

 [nexus-technica-ltd](#)