

# ATEKA by BDM

ALUMINIUM CUTTING AND MACHINING SOLUTIONS



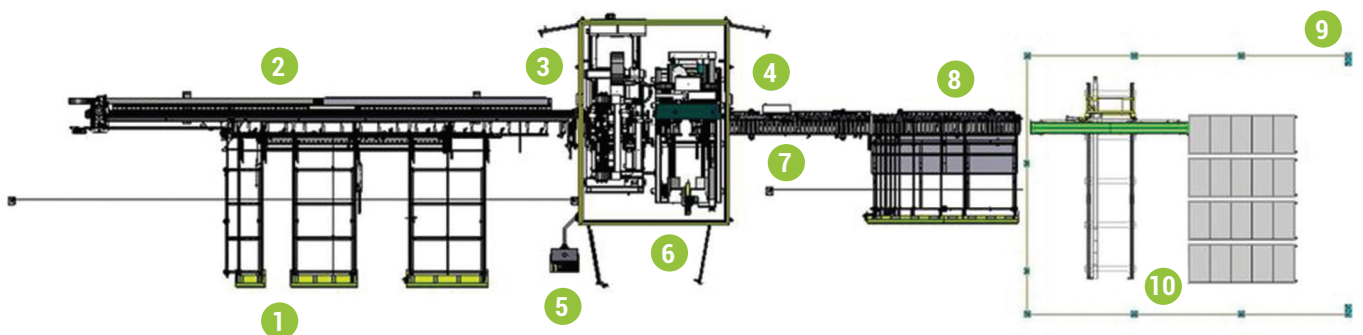
## A CONCEPT THAT FITS ALL NEEDS

### ALUMINIUM PROFILES :

- Up to 1200 pieces per team.  
100 french joineries.

## Principle of the ATEKA Series

1. Flat bars loader
2. Digital bar driver
3. Machining group 2 to 6 axes according to design
4. Horizontal and vertical cutting group with end milling (optional)
5. Operating console
6. Soundproofed safety cabin
7. Label or laser printer
8. Evacuation conveyor and storage table
9. Grids and safety cells
10. 2-axis robot for sorting and storage of finished parts (optional)



PROFILES • PANELS • SHUTTERS • COMPLEX GEOMETRIES • SMALL PARTS

# IN THE JUNGLE SOLUTIONS, ATEKA ACCELERATES PRODUCTION

## 1. CUTTING

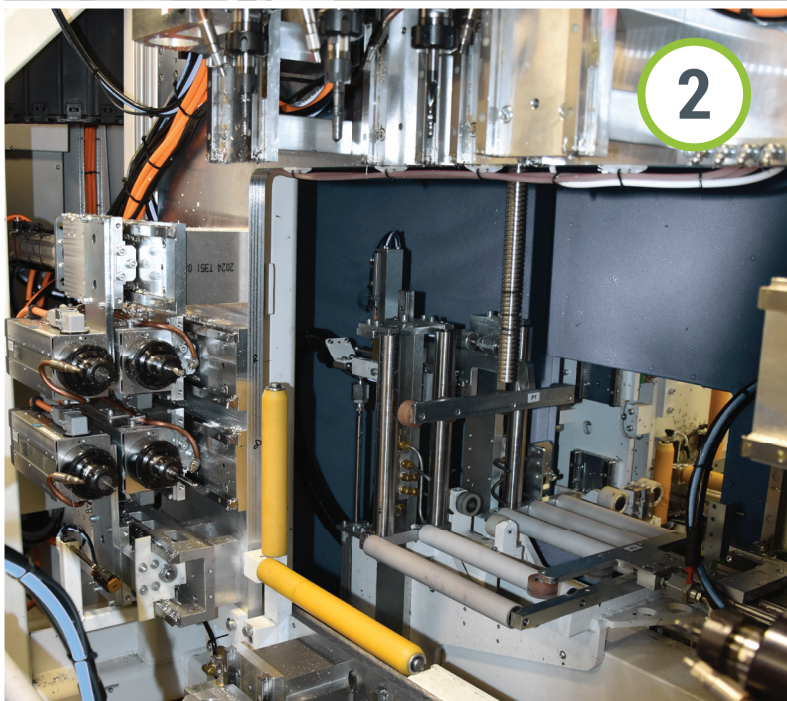
- **Modular** chassis equipped with **vertical and horizontal** cuts with **1 to 3 blades** and end-milling carriage,
- **Two chromed steel roller tables** with X numerical positioning,
- **Parts kept as close** as possible to the saw blades,
- **Digital** wedging,
- **Variable pressure** of the pressers and **digital positioning**,
- Blades inclination **up to +/- 30 °**.

## 2. MACHINING

- Machining centre **equipped with 16 spindles** with digital inclination,
- **Digital** wedging,
- **Numerical axes** in **X, Y, Z** with ball screw and Brushless motors,
- **Machining capacity** : Y: 300mm, Z: 280mm,
- **Micro-spray** device or **dry machining**.

## 3. ROBOTICS

- **2 axis robot** for **automatic unloading** in hidden time of machined profiles,
- **Robot** for **automatic fitting of accessories** on profiles,
- **Speeds up the production rates**,
- **Limits the operator's handling** and error's risk.



DESIGNER - MANUFACTURER  
OF AUTOMATED PRODUCTION EQUIPMENT

**BOOST YOUR  
PRODUCTIVITY !**