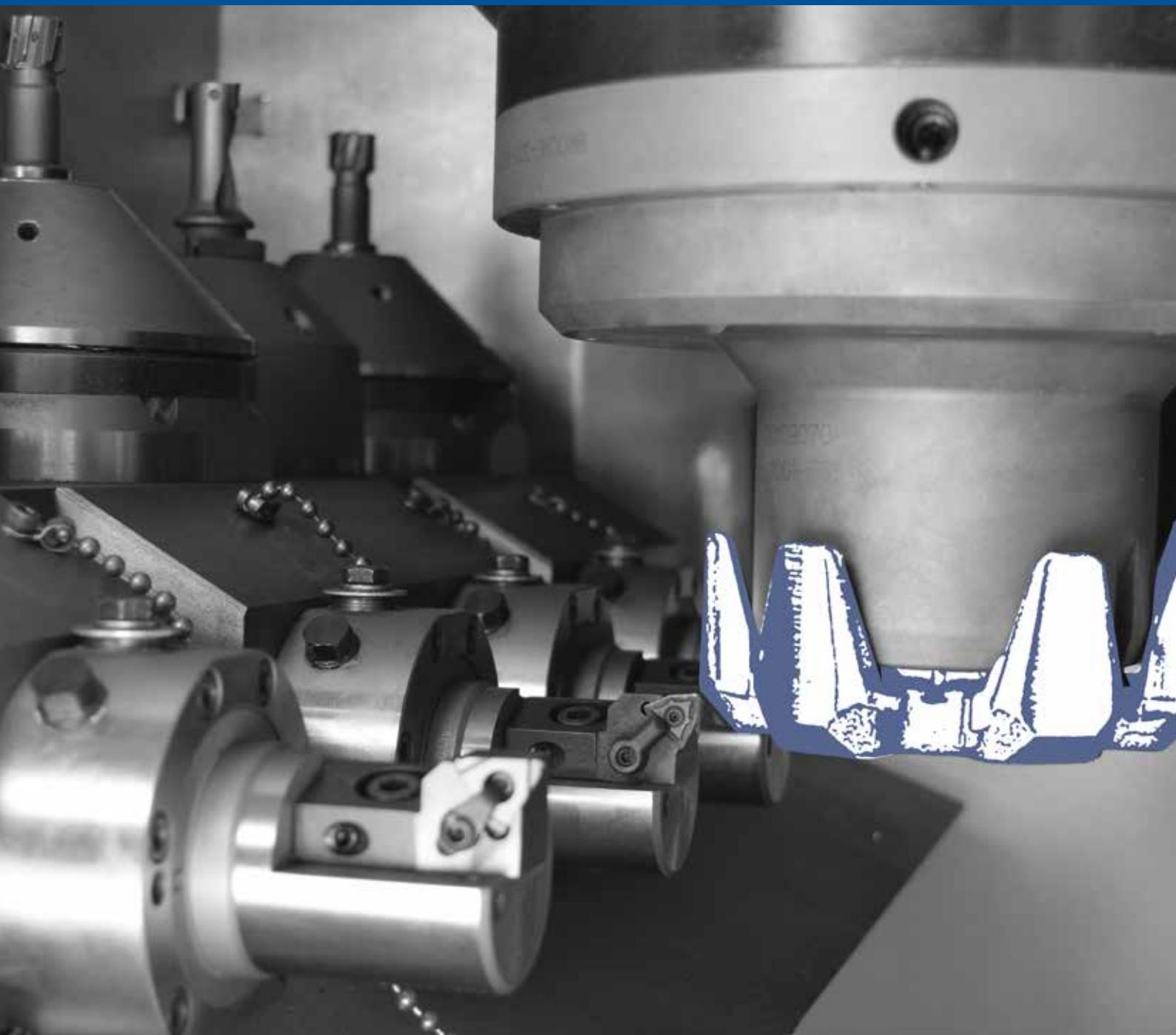


◀AUTOMOTIVE▶



# TWINTURN 250

Modular and evolutive machining center for plots machining.



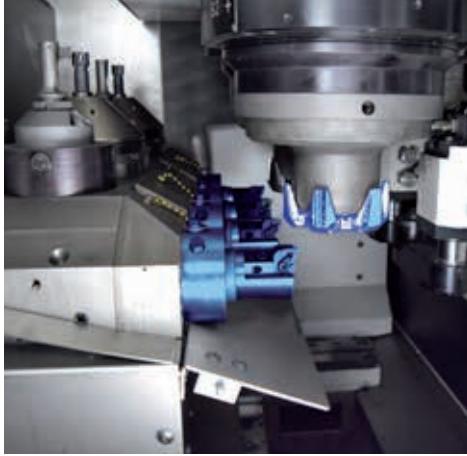


TWINTURN 250 is a **modular and flexible multifunctions machining center**. This new conception of plot turning machine is machining, on vertical, **two pieces at the same time**. The configuration improve the chips evacuation problem because it falls by gravity in the discharge zone. Lastly, the TWINTURN 250 allows machining operations in speed time as drilling, milling, tapping or shapes creation.

Loading / unloading station



Alternate machining chariot



Exterior turning



Tournage et alésage intérieur

## TWIN MOTOSPINDLE

**15 kW**  
**105 Nm**  
by spindle

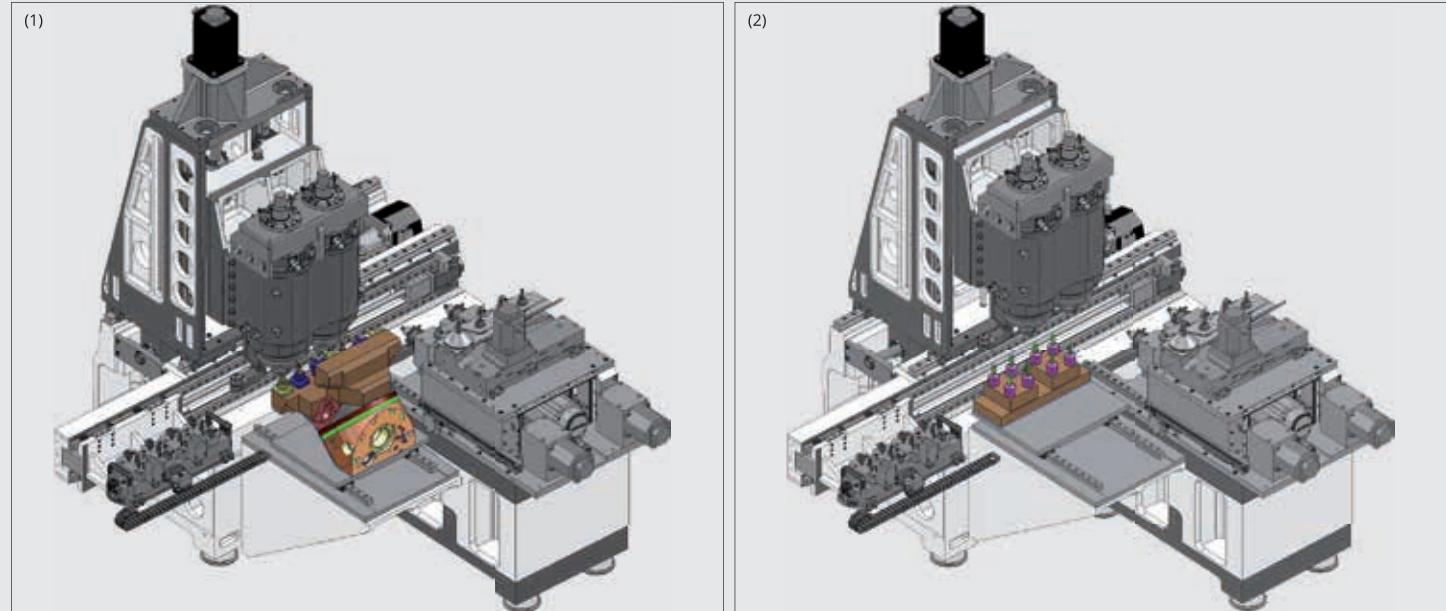
- Turning spindle 4 500 rpm
- Automatic clamping
- Cones and bearings blowing
- Thru coolant
- CN driven axis
- Hydraulic braked spindle
- Incremental encoders
- Integrated cooling



# Multiples configurations

The TWINTURN 250 is a very modular machining center. It can be combined into multiples configurations depending your needs :

- (1) Mounted with a turret head.
- (2) Mounted with a multiple-spindles head for drilling and tapping.

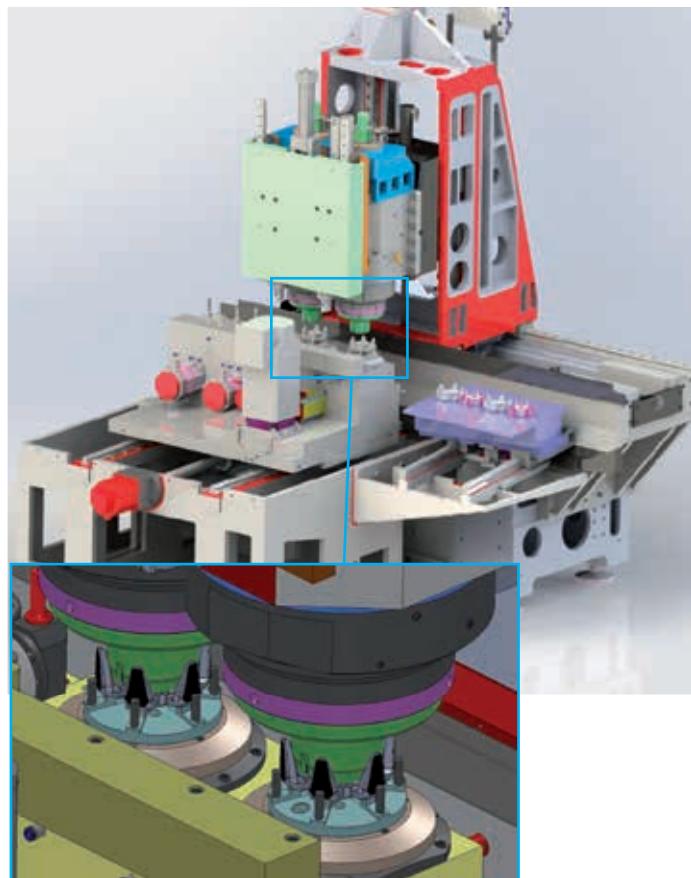


## Option : Upside down machining

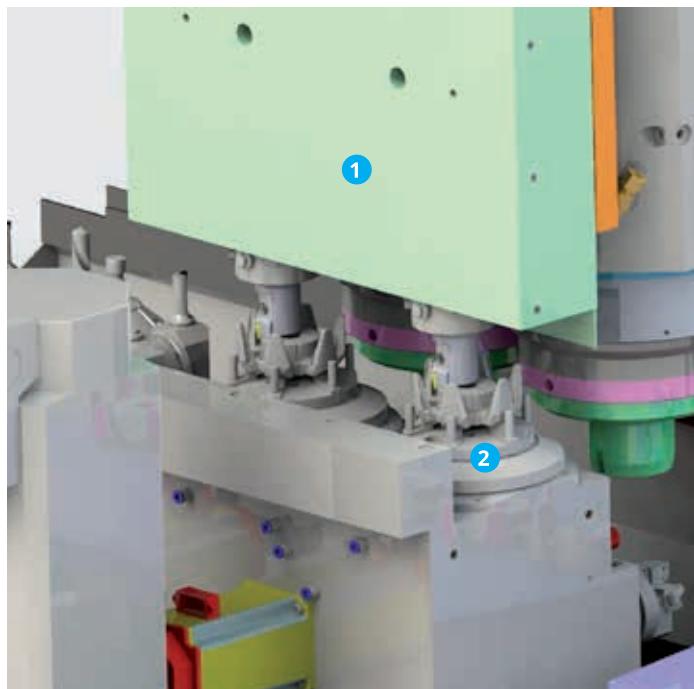
## TwinTurn 250 **DD**

The TWINTURN 250 DD incorporate a turning chariot on the moto-spindle and two counter-spindles for turning on the other side.

### Loading parts in the second spindle



### Machining position for the second side



1. Retractable turning chariot used for machining on the second side.

2. CN driven counter-spindles for turning on the second side.

# TECHNICAL DATA

## Standard machine

### Machining module

Strokes X / Y/ Z	780 / 385 / 240 mm
Speeds X / Y / Z	50 m / min
Accelerations X / Y / Z	3 m/s <sup>2</sup>
Application domains	Automotive
Spindle speed	4500 rpm
Numeric CN	FANUC

### Twin motospindle

Speed	4500 rpm
Power	15 kW
Torque	105 Nm
Dimensions L x l x h	2350 x 2300 x 4388 mm
Power supply (Europe)	400 V AC / 63 A / 50 Hz
Total weight	9 tons



## EMISSA SA

Jambe Ducommun, 18 • 2400 Le Locle • Switzerland  
 Tel: +41 32 933 06 66 • Fax: +41 32 933 06 60 • info@emissa.com  
[www.emissa.com](http://www.emissa.com)



# IMPLANTATION

