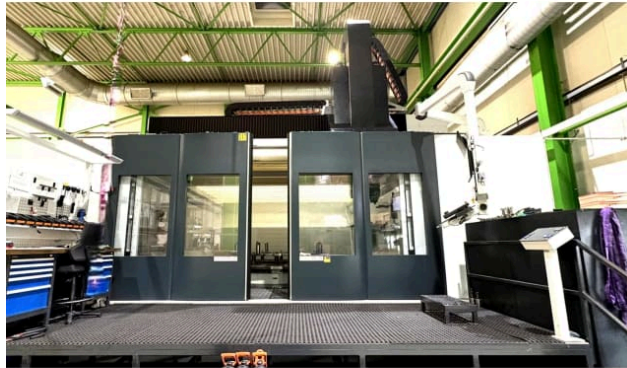


Breton MATRIX 1300 DY K30 Portal Milling Machine Gatry



Offer details

Item name:	Breton MATRIX 1300 DY K30 Portal Milling Machine Gatry
Item No.:	26019-870
Manufacturer:	Breton
Type:	MATRIX 1300 DY K30
Year of construction:	2020
Condition:	good
Location:	Germany, 40764 Langenfeld

Description

The **BRETON MATRIX 1300 DY K30** is a **5-axis CNC gantry machining center** with a movable gantry design for high-precision complete machining of large workpieces. The rigid steel construction, combined with direct measuring systems and high-dynamic axis drives, ensures high positioning accuracy and consistently stable machining quality.

ReMach GmbH
 Burger Str. 28
 D-42929 Wermelskirchen
 Germany

Managing Directors
 Oscar Soler Monte
 Huy Trinh
www.re-mach.com

Company Registration
 Number: HRB 125496
 Amtsgericht Köln
 Germany
 Tax No.: 2710808308
 VAT.No.: DE458213740

Bank Details
 Account holder: ReMach GmbH
 Bank name: GENO BANK ESSEN eG
 BIC: GENODEM1GBE
 IBAN: DE35 3606 0488 0139 4646 00

The machine is equipped with a **HEIDENHAIN iTNC 640 HSCI** CNC control system, including **AFC (Adaptive Feed Control)**, **AVD (Active Vibration Damping)**, and **CTC (Cross Talk Compensation)**. These functions optimize the machining process, reduce vibrations, and improve surface quality and process reliability.

The **40 kW high-speed spindle** with up to **28,000 rpm** features programmable **internal cooling (IKZ) from 40 to 70 bar** and is suitable for demanding milling operations on a wide variety of materials.

The equipment includes a **direct-drive NC rotary table Ø 3,500 mm** with a **table load capacity of up to 15,000 kg**. The custom rotary table plate is equipped with **16 AMF zero-point clamping modules**, enabling short setup times and flexible workpiece clamping.

The machining center features an **80-tool magazine** with **HSK-A100 tool holder** and an additional **3-tool pick-up magazine** for large tools. A **BLUM laser system** for tool measurement and a wireless **3D probing system** support automatic setup and monitoring of machining.

Additional equipment includes **two Barberis chip conveyors**, a **2,500-liter coolant processing system** with drum filter, oil separator, and coolant cooling, automatic front doors, a camera system for workspace monitoring, a wireless handwheel, and the **Breton Smart Start & Stop** energy-saving system.

- **Control ON:** 21,347 hours
- **Machine ON:** 13,503 hours
- **Program runtime:** 5,812 hours
- **Spindle runtime:** 5,740 hours

Technical details

Control:	HEIDENHAIN iTNC 640 HSCI
Dimensions (LxWxH) approx.:	9500 x 10000 x 7000 mm
Tool Changer:	yes
Travel X-axis:	≥ 4000 mm
Travel Y-axis:	≥ 4000 mm
Travel Z-axis:	≥ 1300 mm
Weight approx.:	90000 kg

Payment and Delivery Terms

Terms of delivery:	EXW EX Works
Terms of payment:	100% prepayment before pick-up

Price Netto On Request

Your contact person

Oscar Soler Monte

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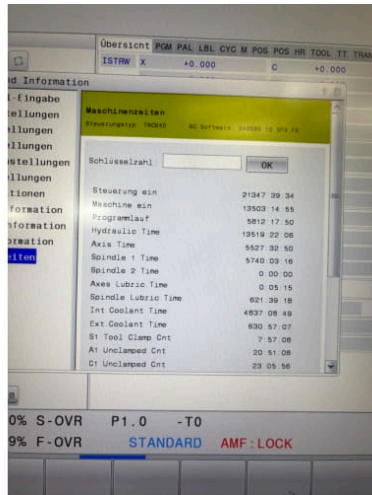


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