

CMS SYNTESI PX5

High Speed 5-Axis CNC Machining Centre

Professional Equipment Catalog with Complete Technical Specifications and
High-Resolution Photography

Manufacturer: CMS Industries, Italy

Model: SYNTESI PX5

Year: 2015

Status: Used - Excellent Condition

Price: Please inquire

EXECUTIVE OVERVIEW

The CMS SYNTESI PX5 is a state-of-the-art 5-axis CNC machining center manufactured by CMS Industries in Italy. This precision machine is engineered for high-speed manufacturing of complex components requiring multi-axis simultaneous machining. The equipment combines advanced control systems with robust mechanical design, making it ideal for aerospace, automotive, medical device, and industrial component manufacturing.

This machine represents significant value for manufacturing operations seeking reliable, precision equipment. With its proven track record since 2015, the SYNTESI PX5 delivers consistent performance and dimensional accuracy required for competitive manufacturing environments.

COMPREHENSIVE EQUIPMENT PHOTOGRAPHY

Overview and Perspective Views

Product - SYNTESI PX5



Equipment Detail - View 1



Equipment Detail - View 2



Equipment Detail - View 3



Equipment Detail - View 4



Equipment Detail - View 5



Equipment Detail - View 6



Equipment Detail - View 7



Equipment Detail - View 8



Equipment Detail - View 9

DETAILED TECHNICAL SPECIFICATIONS

Specification	Details
Manufacturer	CMS Industries, Italy
Model	SYNTESI PX5
Equipment Type	High Speed 5-Axis CNC Machining Centre
Year of Manufacture	2015
Serial Number	7462
Axes Configuration	5-Axis (X, Y, Z + 2 Rotational Axes)
Control System	CMS Industries Proprietary CNC Control
Spindle Type	High-Speed Precision Spindle
Machine Weight	7,000 kg
Overall Status	Used - Excellent Working Condition
Operational Capability	Fully Functional - Ready for Deployment

KEY FEATURES & CAPABILITIES

- Advanced 5-axis simultaneous machining for complex geometries
- High-speed spindle enabling efficient material removal rates
- Precision positioning with micron-level accuracy
- Automatic tool changer system for rapid tool exchanges
- Enclosed workspace design for operator safety and debris containment
- Integrated chip evacuation system
- CMS proprietary CNC control system with user-friendly interface
- Rigid mechanical structure ensuring dimensional stability
- Capable of handling various materials including aluminum, steel, composites
- Suitable for both finishing operations and full-depth material removal

PRIMARY APPLICATIONS

The CMS SYNTESI PX5 is ideally suited for: • **Aerospace Manufacturing** - Complex aircraft components, engine parts, structural components • **Automotive Production** - Precision engine blocks, transmission components, suspension parts • **Medical Device Manufacturing** - Orthopedic implants, surgical instruments, diagnostic equipment housings • **Industrial Equipment** - Pump components, hydraulic parts, precision gearbox components • **Mold & Die Manufacturing** - Complex injection molds, stamping dies, prototype tooling • **Prototype Development** - Engineering sample production, design verification, rapid prototyping The machine's versatility allows it to handle both production runs and small-batch custom manufacturing.

EQUIPMENT CONDITION & MAINTENANCE HISTORY

Current Status:

The CMS SYNTESI PX5 is in excellent working condition. The machine has been professionally maintained throughout its operational history and remains fully functional across all systems.

Mechanical Systems:

The machine's structural components, spindle assembly, and motion control systems are all operational. The precision of the 5-axis system has been verified and confirmed to be within manufacturer specifications.

Control Systems:

The CMS proprietary CNC control system operates reliably with full functionality. All electronic components and sensors are functional and responsive.

Operational Capability:

The equipment is ready for immediate deployment into production environments. No significant restoration work is required. Standard safety certifications and pre-shipment inspection reports are available upon request.

Service Records:

Complete documentation of maintenance and service history is available for qualified buyers.

INVESTMENT VALUE PROPOSITION

Cost Efficiency:

Acquire proven, reliable manufacturing capability at a fraction of new equipment costs. The SYNTESI PX5 represents exceptional value compared to purchasing equivalent new systems.

Proven Performance:

This equipment has demonstrated reliability since 2015. Manufacturing history and operational data provide confidence in performance capability.

Production Ready:

Unlike new equipment requiring installation and integration, the SYNTESI PX5 is ready for immediate production deployment, reducing time-to-market for manufacturing operations.

Flexible Financing:

Multiple payment and financing options available to accommodate different business structures and capital availability.

PRICING & TRADE TERMS

Item	Details
Purchase Price	Please inquire
Pricing Basis	EXW (Ex Works) from South Korea
Alternative Terms	DDU (Delivered Duty Unpaid) - available upon request

Payment Methods	Flexible options including wire transfer, LC (Letter of Credit)
Inspection	Pre-shipment inspection reports available
Documentation	Complete technical manuals and operational documentation included
Support	Technical consultation available for installation and setup

CONTACT & INQUIRIES

Point of Contact: Duke Choi (Mr.)
Email Address: duke@prgtek.com / duke7006@gmail.com
Location: South Korea (R.O.K.)
Availability: Available for immediate inquiry and negotiation

For inquiries regarding this equipment, please contact Duke Choi directly. We welcome inquiries from: • Manufacturing facilities seeking precision equipment • Equipment distributors and resellers • OEM manufacturers requiring specialized machining capability • International buyers seeking reliable equipment suppliers All inquiries are treated confidentially and responded to promptly.

This catalog provides comprehensive information about the CMS SYNTESI PX5 equipment available for export. For the most current information and additional details, please contact the seller directly.