

# brembana kratos

5-axis open frame bridge saw  
with lateral spindle



CMS brembana kratos is the **ideal solution for stone fabrication workshops looking to invest in the durability and productivity of mid-size bridge saws.**

Superior mechanical structure, 3 tools always available, the most advanced software, awesome design: win the competition with brembana kratos!

## Technological Benefits

**Brembana kratos is the next generation of numerically controlled 5 axes Bridge Saws.** It has a robust and essential open frame construction that is **designed to fit easily, as in workshops as in automated production lines.**

It is built for durability and productivity, without sacrificing precision in any job, be it slicing blocks of hard stones up to 250 mm in thickness, making kitchen countertops out of slabs of thin ceramic, or anything in between.

The vacuum manipulator has wide span and large suction surface divided into multiple zones, to let you lift safely from jumbo slabs to narrow backsplashes, up to 500kg capacity.

Kratos can have 3 tools always available without operator's intervention:

- **Blades from 300mm up to 725mm in diameter**
- **Drill bits (½G RIGHT connection) or polishing tools suitable for up to 6000rpm**
- **Routers or bits (½G RIGHT connection) requiring up to 14.000rpm**

It has the most updated version of on-board software to make operators feel at ease and in control of the machine. And last but not least, it is **strong, rational and confident: all the marks of great CMS Stone Technology machines.**

## KEY BUYER BENEFITS

- **+92% MANIPULATOR DIMENSIONS** COMPARED TO COMPETITION, TO IMPROVE HANDLING OF LONG PIECES
- **+16% WORKING AREA** COMPARED TO COMPETITION: FULL MITERING OF "SUPER JUMBO" SLABS
- CMS ACTIVE BRIDGE SAWS: **NEW HMI AND ON-BOARD SOFTWARE** DESIGNED FOR THE MODERN MACHINE OPERATOR
- BLADE MOTOR + ADDITIONAL **SIDE SPINDLE**: MAXIMUM PRODUCTIVITY WITH 3 TOOLS ALWAYS ON
- **AUTOMATIC POLISHING CONTROL**: ALWAYS THE BEST QUALITY OF THE POLISH
- BEST IN CLASS MECHANICAL STRUCTURE: HIGH AND CONSISTENT ACCURACY

BLADE DISK DIAMETER	300 ÷ 725 mm / 12÷28 in – with side spindle absent or disabled 300 ÷ 425 mm / 12÷17 in – with side spindle enabled
MAXIMUM WORKING THICKNESS WITH BLADE DISK	250 mm / 9.8 in
BLADE MOTOR	18,5kW – 25 HP
BLADE MOTOR REVOLUTION	0 ÷ 6000 rpm
OPTIONAL SIDE ELECTROSPINDLE	3.7kW – 6Nm, 14000rpm
TYPE OF TOOLS	½ gas RIGHT connection
HEAD REVOLUTION (C AXIS)	± 185° (370°)
HEAD INCLINATION (A AXIS)	0° / +90°
X AXIS STROKE AND SPEED	3900 mm / 152 in - 36 m/min
Y AXIS STROKE and speed	2450 mm / 96 in - 36 m/min
Z AXIS STROKE and speed	550 mm / 21.5 in - 8 m/min
WORKBENCH DIMENSIONS	3800x2500 mm / 148x98 in
WORKBENCH CAPACITY	3000kg static load, 2000kg tilting load
MINIMUM SPACE REQUIRED FOR INSTALLATION*	7080mm x5310mm, H max 3300mm
OVERALL MACHINE WEIGHT	7000kg

\*excluding space necessary for electrical cabinet access

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