



Serie SC a portalino mobile. Centri a 5 assi interpolanti, ridotto

ingombro in pianta e possibilità di lavorazione pendolare.

Lunghezza pezzo fino a 24,000 mm

Versione a morse

fino a 400 x 300 mm

Sezione profilato

Versione a tavola

fino a 800 x 500 mm (5-assi)

fino a 1,200 x 500 mm

Corse assi X/Y/Z variabile/1,100(1,350)/720 mm

Velocità lineare assi X/Y/Z 70/55/55 m/min

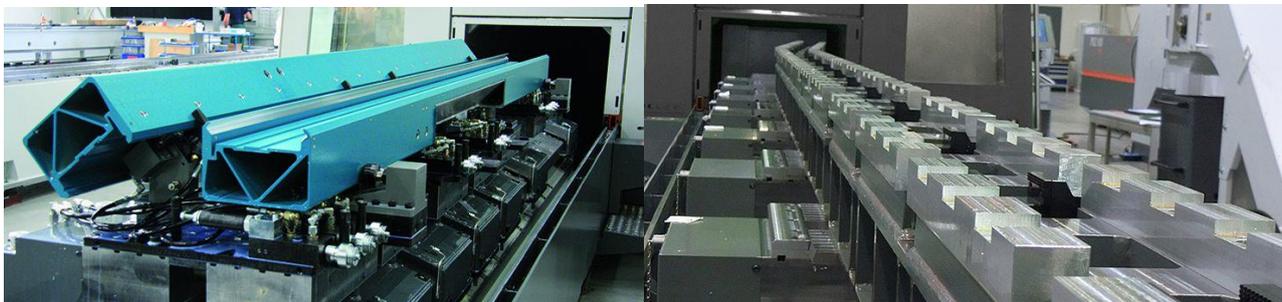
Potenza: fino a 26 kW (S1)

Dati mandrino **Velocità rotazione:** fino a 28,000 giri/min

Coppia: fino a 29 Nm (S1)

Dimensioni standard **PBZ SC 800, PBZ SC 1000, PBZ SC 1200**

(altre dimensioni su richiesta)



PROFILE MACHINING CENTER PBZ® SC
PROFILE MACHINING CENTER WITH DYNAMIC PENDULUM OPERATION FOR MAXIMUM PRODUCTIVITY

LOADING AND UNLOADING PARALLEL TO PRODUCTION

Do you want to reduce expensive non-productive times without installing additional automation? Thanks to pendulum operation, the PBZ SC creates two spatially separate workzones and thus permits loading and unloading parallel to machining.

INTERFERENCE-FREE 6-SIDE PROFILE MACHINING

With a small machine footprint and powerful spindle performance, it is possible to efficiently machine aluminum and steel profiles as well as composite workpieces with a maximum length of 24,000 mm. The stable machine construction guarantees high machining accuracy and quality with interference-free 6-side machining.

AS FLEXIBLE AS YOUR REQUIREMENTS

The PBZ SC profile machining center is not just configurable for customer-specific length requirements. With a wide range of options the PBZ SC can also be adapted to individual applications and material requirements. The machine concept also allows the choice between clamping vice and table versions.

26_{kW}

SPINDLE POWER

28.000_{rpm}

SPINDLE SPEED

500_{mm}

SAW BLADE DIAMETER

bavius centri 5 assi per profilati PBZ SC

- Powerful HPC/HSC machining from light profiles or solid material of aluminum and steel
- Interference-free 6-side complete machining up to 945 in with end machining
- Loading and unloading parallel to machining thanks to two workzones and pendulum operation
- Burr-free machining thanks to HSC technology
- Direct thread cutting without compensation chuck
- Solid machine design
- High productivity combined with small footprint



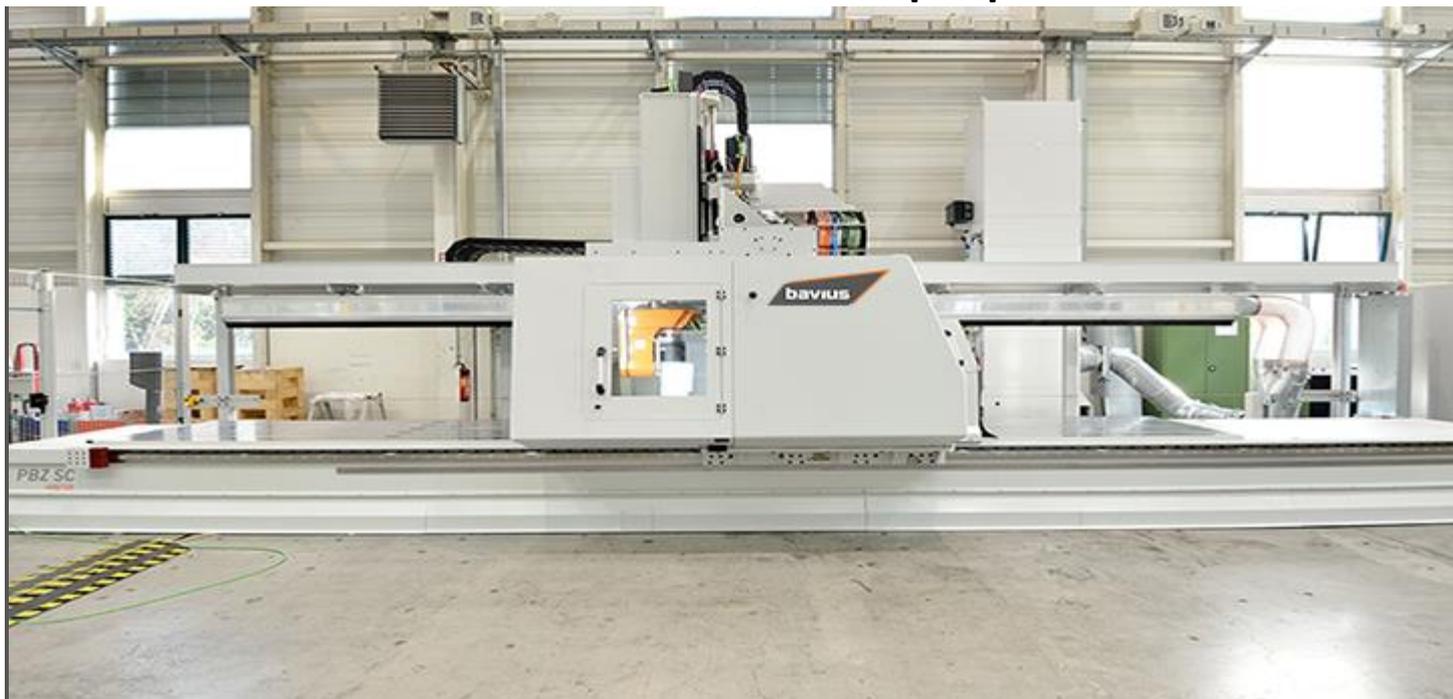
CLAMPING TECHNOLOGY PBZ SC // ADDITIONAL FEATURES

In addition to the proven bavius clamping technology for the machines in the PBZ product line, the PBZ SC also offers further options for efficient workpiece clamping:

- // Customer-specific clamping techniques: variable number of clamping vices or table version
- // Freely positionable clamping vices over the entire length
- // Simple clamping element changeover
- // Multi-function clamping vices prevent damage during vice shifting
- // Fixtures with hydraulic, pneumatic or vacuum supply, flutes etc. in table version

APPLICATIONS AND HIGHLIGHTS

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AUTOMATION

By calling on our large repertoire of automation possibilities and individual solutions for customer-specific needs, we provide you with professional and comprehensive advice. Our goal is to configure the best possible automation for your processes and additional productivity. optimierte Prozesse und zusätzliche Produktivität zu konfigurieren.



OPTIONS

Choosing from a large range of options.