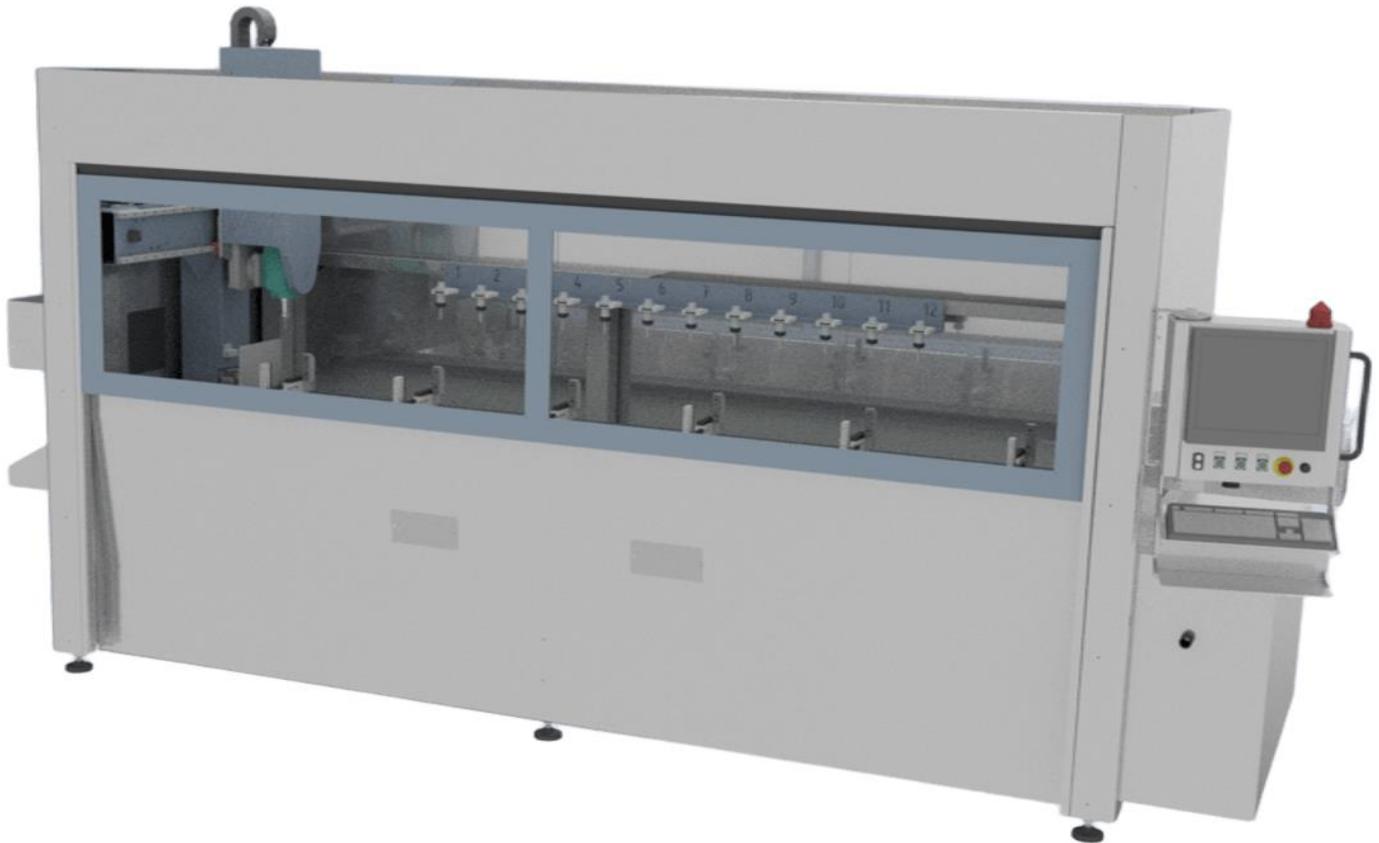


MACHINE DESCRIPTION IN DETAILS

TECHNICAL FEATURES	
MODEL	SZ200 4AX
DIMENSION FOR TRANSPORT	L 5400 W 1.900 H 2.300 mm
LAYOUT DIMENSION STANDARD	L 5.200 W 1.800 H 2.500 mm
WEIGHT	2.300 Kg
CONSUME POWER	7kw
NOMINAL POWER	10 Kw
AMPERE PROTECTION REQUIRED	16 A
TERM PROTECTION SUGGESTED	16Amp TERMIC – DIFFERENTIAL 0.1AMP/SIZEABLE – MAGNETIC INTERRUPTION CAPACITY 6000Amp
FREQUENCY	50/60 Hz
VOLTAGE	400Volt 3 Phases + Neutral (+/- 5%) 50/60Hz
CABLE SECTION SUGGESTED	5x10mm ²
AIR PRESSURE MINIMUM REQUIRED	0.65 Psi
AIR CONSUME	80NL/M
AIR PIPE DIAMETER SUGGESTED	½ INCH
ACCURACY	0.1mm/m
OPERATING TEMPERATURE RANGE	10° C to 35° C
HUMIDITY LIMIT	75%
MACHINE COLORS	RAL5008 / RAL3020
ELECTRO SPINDLE NOMINAL POWER	5,6Kw
ELECTRO SPINDLE NOMINAL TORQUE	3.7 Nm at 13.000 RPM
TOOL HOLDER ADAPTER TYPE	HSK F50
SPINDLE COOLING SYSTEM	COOLING UNIT / CERAMIC BEARINGS
COOLING SYSTEM	VENTURI
NUMBER OF NOZZLE	1
OIL TANK CAPACITY	1.0 Lt
X WORKING CAPACITY	3.010mm
Y WORKING CAPACITY	245mm – 320mm 3axis
Z WORKING CAPACITY	250mm
A WORKING RANGE	180°
C WORKING RANGE	Not applicable to this model
X MAXIMUM SPEED	55m/min
Y MAXIMUM SPEED	40m/min
Z MAXIMUM SPEED	30m/min
A MAXIMUM SPEED	3.000°/min
C MAXIMUM SPEED	Not applicable to this model
CNC MANAGED PNEUMATIC REFERENCE STOP (LEFT SIDE)	1



CLAMPS WITH AUTOMATIC DISPLACEMENT BY CARRIAGE	4
CLAMP CLOSING POWER	80Kg
HIGH/LOW PRESSURE MANAGEMENT	AVAILABLE
MACHINE WORKING AREA	1
FRONTAL SAFETY PROTECTION	Uppering and lowering safety door gate
SAFETY PROTECTION ON SIDES	Metal cabin
CARRIAGE LINEAR BEARING GREASING	Manual (central greasing point is provided)
CARRIAGE SCREW BEARING GREASING	Manual (central greasing point is provided)
CLAMPS LINEAR BEARING GREASING	Manual
CNC INTERFACE	27" LCD MONITOR
COMPUTER O.S.	WIN11
USB PORT	1
LAN CONNECTION	AVAILABLE
WI-FI CONNECTION	AVAILABLE

MACHINE DESCRIPTION:

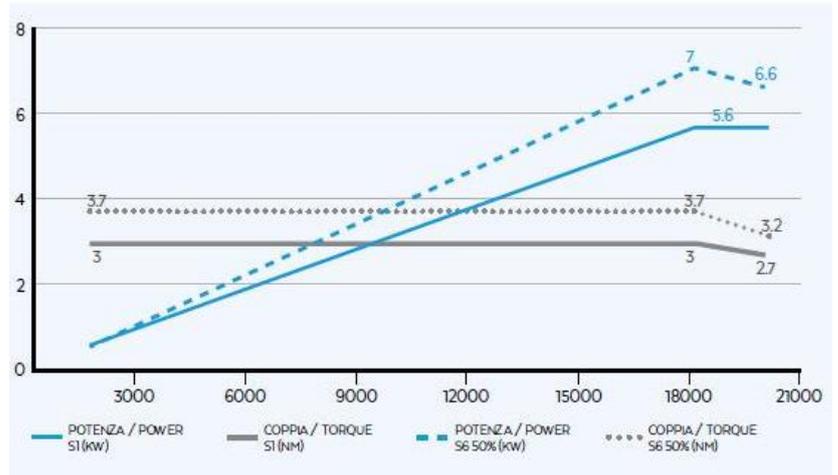
SZ 200 is an industrial machine designed for multiple production processes, which can accurately comply with the needs of different industries. It is a unique, reliable and profitable product, designed to improve the work situation of those who use it.

SZ 200 is equipped with 4 automatic clamps and a high power electrospindle. SZ 200 enables to easily manage every production need thanks to its power of 5,6 kW and 20.000 rpm. The machine is complete with full options: cabin, tool changer, standard clamping system and tools. The ergonomic control panel is really compact, just like the whole machine which, in just 10 m², allows you to make even complex profiles and machining.

The tool changer is available with 12 positions. The whole machine is managed by CNC, through a dedicated software and CAD/CAM with CAMPROX, a software with a 3D with

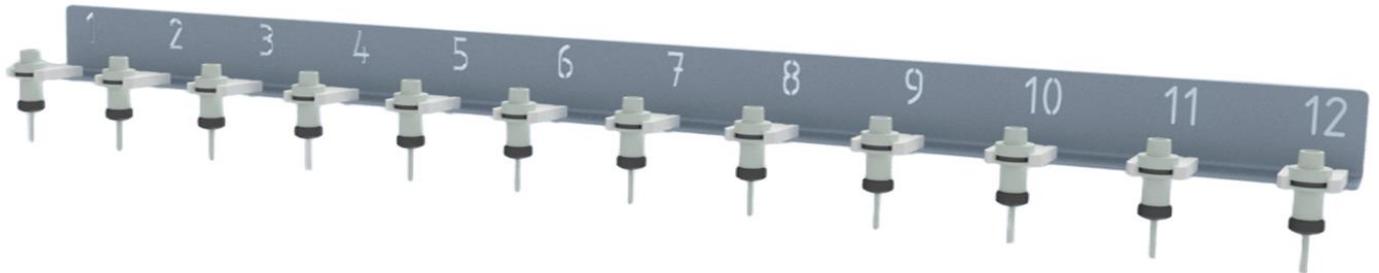
different possibilities: geometric programming, 3D visualization, clamps optimization, STEP import, parametric programming, work list from external management import and much more.

SPINDLE



TOOL CHANGER

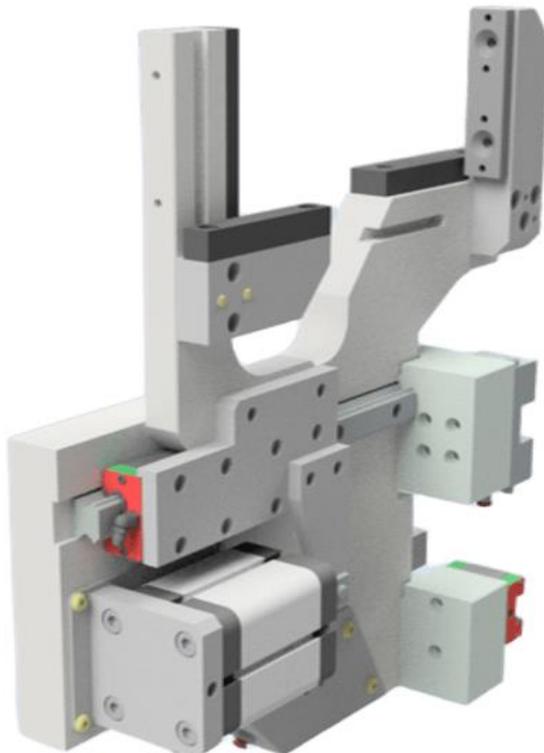
12 position tool fix rack fitted on the back of the carriage



STANDARD CLAMP

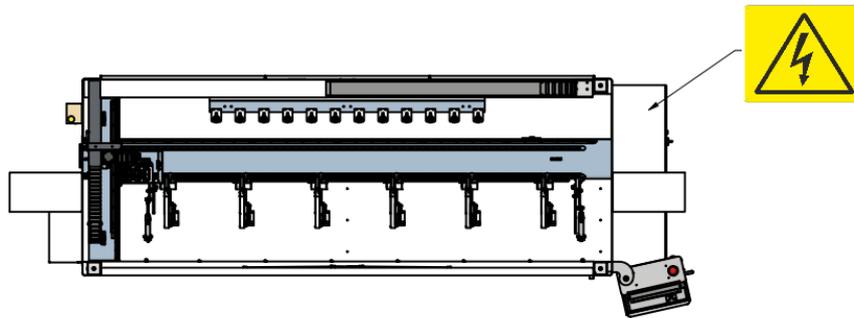
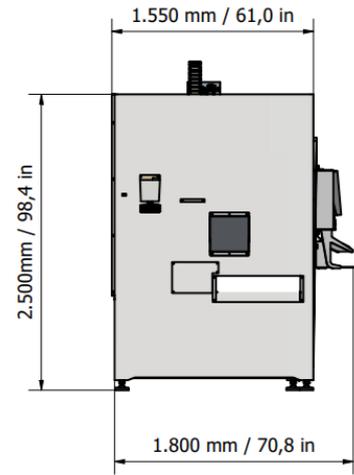
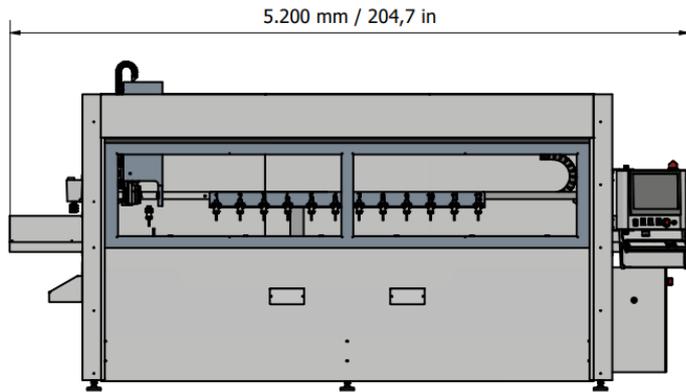
This clamp is designed to offer maximum versatility, allowing multiple fastening configurations. Additionally, it supports the insertion of counter-shapes to ensure a stable and precise fixation of profiles with different shapes.

Thanks to its ultra-slim profile, this clamp enables exceptionally precise and high-performance



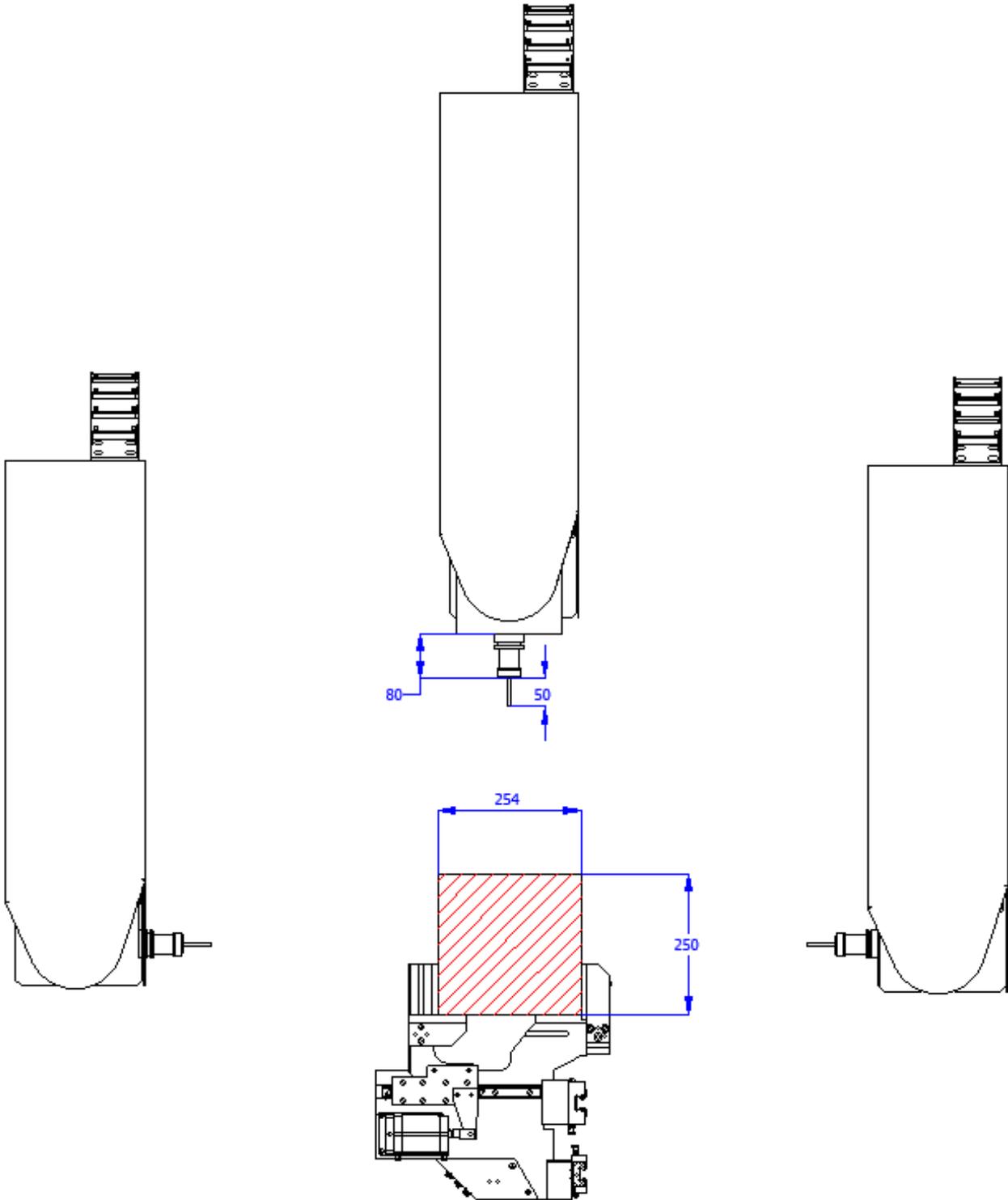
clamping.

LAYOUT



Connection point 400 volt 3 phases + Neutral + Ground +/- 5% 50/60Hz

SECTION WORKING AREA STANDARD



SECTION WORKING AREA EXTENDED (OPTIONAL)

