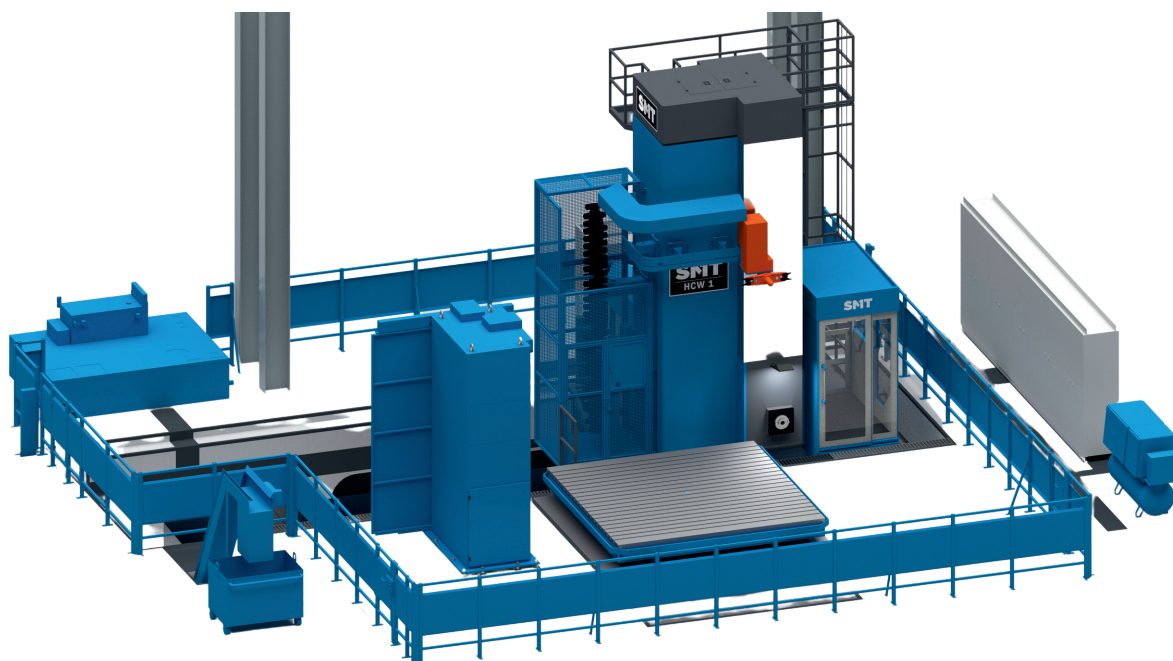




HCW1 New

The HCW1/HCW2 horizontal milling and boring machines can accurately and efficiently machine large and complex-shape workpieces such as turbines, generators, wind power plant components or large engine blocks.

MAXIMUM PARAMETERS:

SPINDLE DIAMETER
160/180 mm

SPINDLE SPEED
3500 rpm

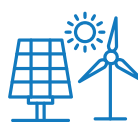
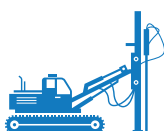
MAIN MOTOR POWER MAX.
71 kW

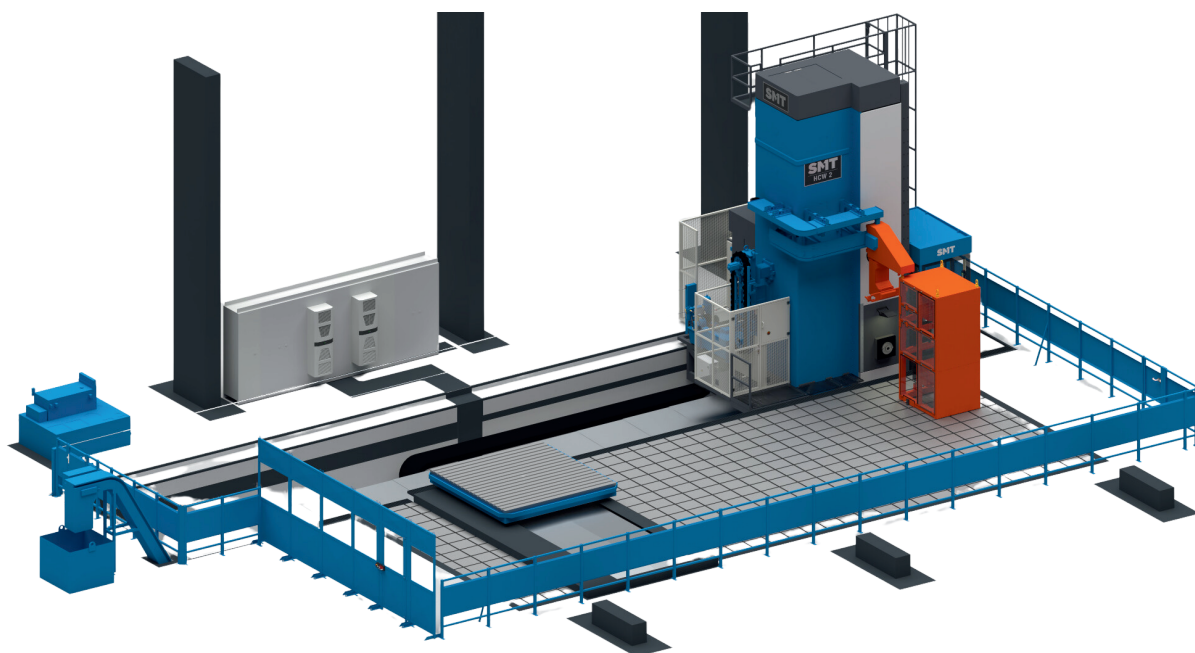
TORQUE:
6 000 Nm

RAM + SPINDLE EXTENSION
2 700 mm

The 2-speed gearbox allows the transmission of extremely high torque to the spindle and tool for roughing operations together with high-speed capability for finishing operations. The size of the machine enables a high reach of the tool into the working space of the machine and, at the same time, penetration into medium-sized workpiece openings.

	HCW1 NEW
SPINDLE DIAMETER (mm)	160/180
MAIN MOTOR POWER S1(kW)	71
MAX. SPINDLE SPEED (rpm)	3 500
TORQUE (Nm)	6 000
RAM EXTENSION Z (mm)	1 500
SPINDLE EXTENSION W (mm)	1 200
HEADSTOCK TRAVERSE Y (mm)	5 000





HCW2 New

MAXIMUM PARAMETERS:

SPINDLE DIAMETER
180 / 200 / 225mm

SPINDLE SPEED
2 500 rpm

MAIN MOTOR POWER MAX.
100 kW

TORQUE:
10 000 Nm

RAM + SPINDLE EXTENSION
2 700 mm

Strongly ribbed castings with hydrostatic guidance of all sliding axes give the machines exceptional stability even during long-term use. Utilizing current progressive trends in feed kinematics, the HCW1/HCW2 machines achieve high feed rates without compromise. Using the most advanced ram drop compensation systems, ŠMT machines achieve micron accuracy even when the ram is fully extended from the headstock (ŠMT patent).

This system makes possible to achieve excellent results during the machining process in the removal of huge chips, as well as in the very accurate finishing machining of the workpiece, thereby meeting the most demanding customer requirements.

	HCW2 NEW
SPINDLE DIAMETER (mm)	180 /200 /225
MAIN MOTOR POWER S1(kW)	100
MAX. SPINDLE SPEED (rpm)	2 500
TORQUE (Nm)	10 000
RAM EXTENSION Z (mm)	1 500
SPINDLE EXTENSION W (mm)	1 200
HEADSTOCK TRAVERSE Y (mm)	7 000

