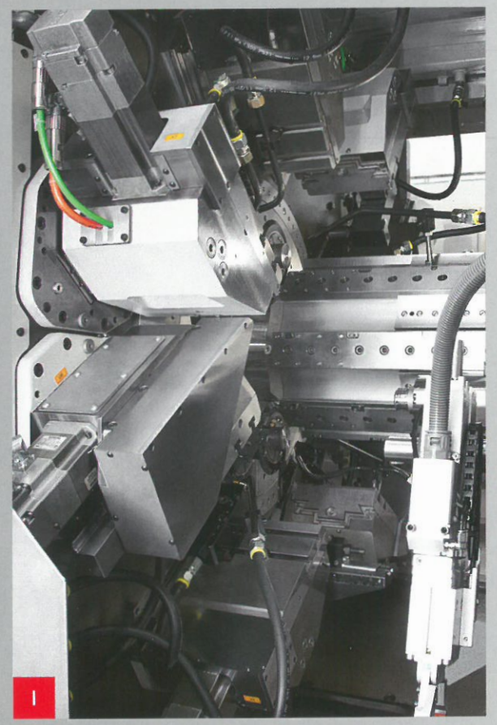
MORI-SAY

EIGHT-SPINDLE AUTOMATIC LATHES

TMZ867 / 842CNC

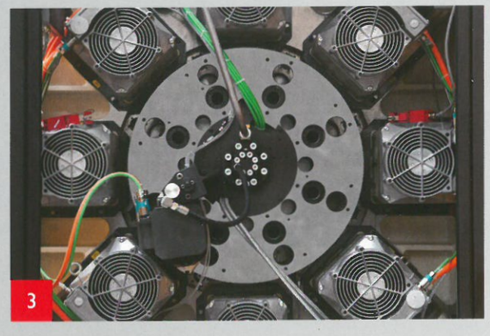


1

WORK SPACE

2

CNC CONTROL



3

SPINDLE DRIVE

MORI-SAY

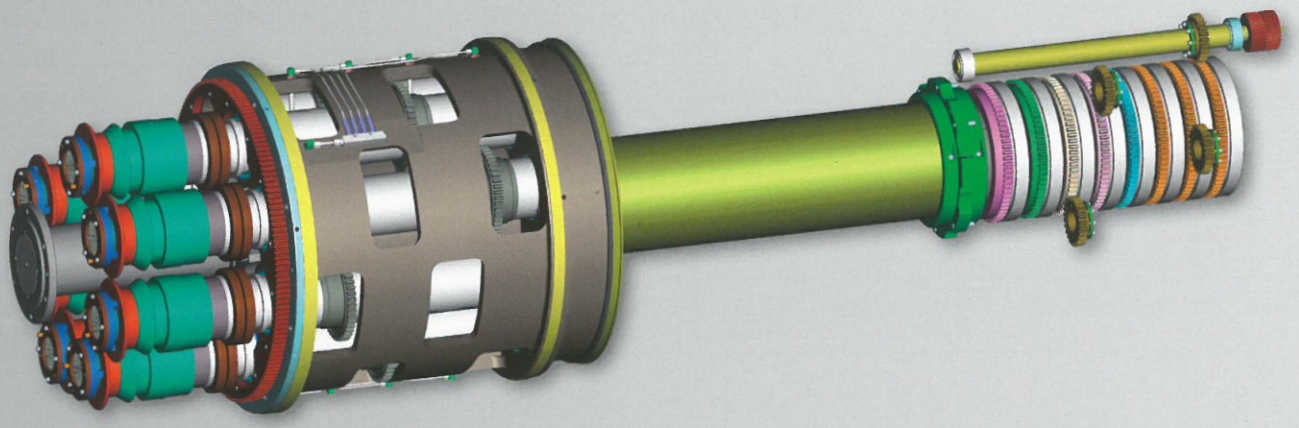
TMZ867CNC / TMZ842CNC

1. Machine work space enables sufficient access for adjustment and ensures good removal of chips as well as their transport from the machine work space.
2. Two systems Siemens 840D ensure reliable control of 32 main and 24 auxiliary axes.
3. Eight independent AC drives for main spindles with output of 7 kW per spindle enable reliable machining even on materials hard to machine.

The eight-spindle automatic lathes MORI-SAY TMZ-867CNC and MORI-SAY TMZ842CNC enable automatic machining of rotary bar parts with high productivity, as well as machining of intermediates (mouldings, castings, ...).

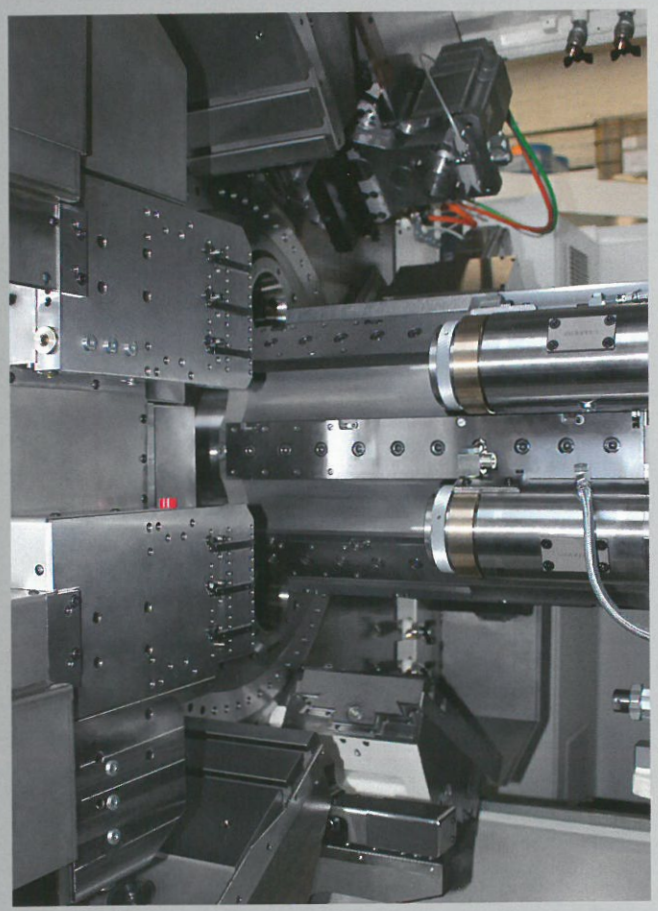
These machines combine advantages of high productivity provided by conventional, cam controlled multiple-spindle automatic equipment with complex CNC hardware.

ADVANTAGES



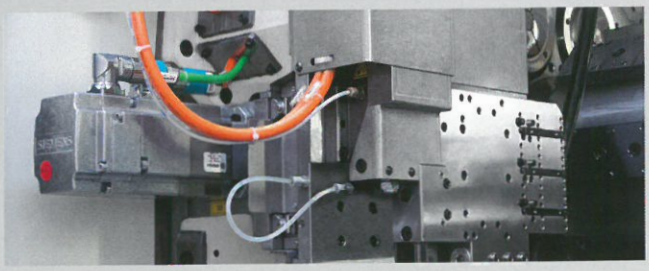
COAXIAL DRIVE

The coaxial drive of MORI-SAY TMZ867CNC and MORI-SAY TMZ842CNC offer the following advantages: Drive motors are provided with fixed and static attachments, which means these are not linked to the spindle drum. The concept enables high transfer of output from individual motors and minimum heating of the spindle drum. This purely mechanical link between the motor and spindle (contactless/brushless), enables continuous rotation of the spindle drum.



DOUBLE PICK-UP

Auxiliary axes enable installation of two pick-up spindles. The relevant CNC cross slide then enables complex machining from back working slide. Optional solution comprises application of traverse machining driven tools.



Y- SLIDE

The machine MORI-SAY TMZ867CNC and MORI-SAY TMZ842CNC can be used with up to five auxiliary cross saddles with Y-axis. These slides can be mounted with up to three fixed tool holders or as option three driven tools for turning, drilling, milling and finish operations. There are three speed and torque ranges (8,000 RPM - 16 Nm; 4,000 RPM - 32 Nm; 2,000 RPM - 64 Nm).

MILLING OF TEETH

The TMZ machinery series offers technical prerequisites for implementation and installation of special equipment. That allows for manufacture of toothing for worm drive directly on the machine.