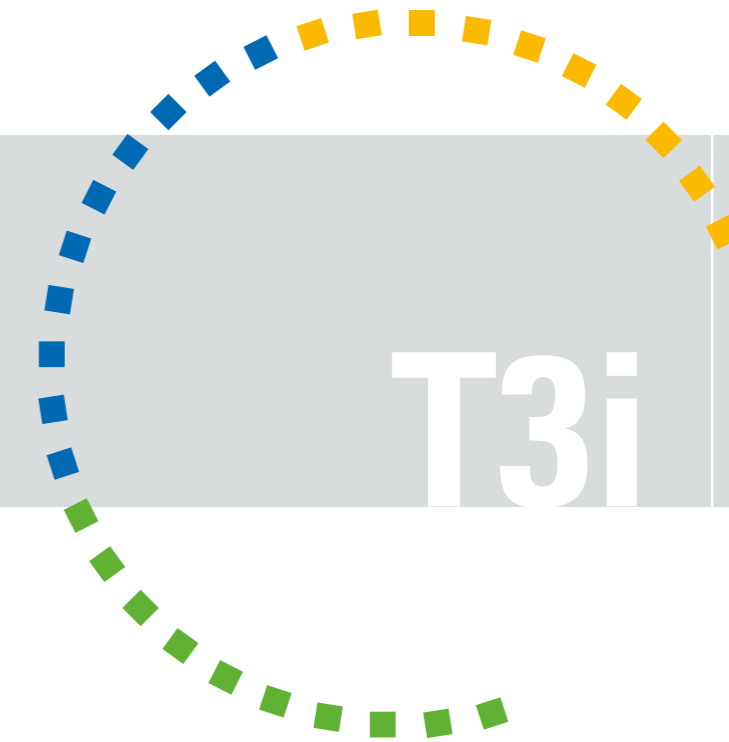


TOP HIGHLIGHTS

OVERVIEW



- 1 Significant extension of the range of manufacture
- 2 Modular configuration
- 3 New: CNC machining units
- 4 Optimisation for internally cooled tools
- 5 Rearrangement of machine peripherals
- 6 Highest level of customisation
- 7 Design by industrial designers

Our goal: your satisfaction

Our stated goal is to optimise your production processes. That way, you can concentrate your resources on the most important matters while we take care of the small things!

Have questions?

sales@variomatic.de
+49 (0) 371 8 4246-0

Variomatic Werkzeugmaschinen GmbH
Carl-von-Bach-Straße 6
D-09116 Chemnitz

www.variomatic.de



VARIOMATIC T3i

THE NEW
MACHINE GENERATION

A SYMBIOSIS OF EXPERIENCE
AND PROGRESS –
THE VARIOMATIC T3i



The efficient solution for mass production

The Variomatic T3i is a highly efficient rotary transfer machine for large-quantity production thanks to a combination of time-tested modules, which have undergone years of consistent further development, and newly developed modules. With an output of up to 100 million workpieces per year, the T3i's strength lies in its reliable performance.

Designed for high standards

The T3i was designed to meet the visual standards of industrial designers. The skillful arranged environment with intelligent performance management provides the operator with an appropriate workspace that meets the latest ergonomic standards.

Cooling lubricant is supplied directly to the machining operation through the use of internally cooled tools. This significantly minimises wear and extends the service life of components, while achieving better surface quality at the same time. The T3i delivers convincingly higher performance when machining steel, aluminium, lead-free brass and similar materials.

Consistently flexible

With the newly added horizontal and vertical CNC machining units, the T3i can now produce even more complex contours. This ensures much greater ease and flexibility for correcting the programmable travel paths in their movement, making it possible to produce more exacting workpieces.

The excellent compatibility of the individual modules results in more flexible machining concepts and an even wider range of manufacture.

The new T3i extends your range of parts and gives you the flexibility to respond easily and promptly to changes in basic conditions.

T3i – FACTS THAT MAKE AN IMPRESSION
**TECHNICAL SPECIFICATIONS
OF THE T3i**



Performance characteristics

Control	SPS Siemens Simatic S7 Sinumerik 840D sl
Drive	<ul style="list-style-type: none"> Rotary table mechanically cam-controlled Feed units mechanically cam-controlled hydraulic electro-mechanical
Internal coolant supply	Yes
Indexing pitch Number of chucks	T3-9i: 9 T3-11i: 11
Design options for the chucks	Fixed or 360° swivelling
Workpiece sizes	Primarily smaller workpieces with a diameter of up to 20 mm, width/height up to 30 mm and length up to 60 mm in brass, aluminium and steel Production of larger parts depending on machining parameters (output and speed)
Workpiece clamping	Mechanical or hydraulic (single and multiple clamping are possible)
Output	3 – 100 m parts/year

