

MACHINE DATASHEET

Zoller genius 3 threadCheck (2016)

Tool measuring and presetting machines

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● ARRIVING SOON



YEAR	CONDITION	AVAILABILITY	DELIVERY
2016	Used	at short notice — date by arrangement	FCA Velten

SHORT DESCRIPTION

Tool measuring and presetting machine by ZOLLER in the threadCheck version, CNC-controlled with 6 axes, in technically flawless and fully functional condition. Designed for fully automatic, contactless and distortion-free measurement of taps, thread mills and thread formers in incident and transmitted light. It also measures and presets cutting tools of all kinds and captures grinding wheels and wheel packs — one machine for all measuring tasks. Equipped with full enclosure, cockpit-pilot operator console with 23" touch monitor, the inspectionPremium measuring program package and the thread measuring programs MP 212, MP 370 and MP 851. The first photo shows the actual machine offered at its previous place of use; the second is a manufacturer illustration of the series.

TECHNICAL DATA

Type	CNC measuring and presetting machine, 6	Version	threadCheck — measurement of thread
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Our Terms and Conditions apply · Technical data as per the manufacturer's documentation and the operating manual supplied with the machine — individual values are confirmed bindingly upon inspection or on specific request · Offer non-binding, errors and prior sale reserved.



axes, full enclosure		tools	
Tool length (Z)	max. 600 mm (per previous supplier)	X-axis travel	235 mm (per brochure)
Optics carrier swivel range	± 30° (per brochure)	Tool diameter (D)	max. 310 mm (per previous supplier)
Y axis	± 50 mm (per previous supplier)	Optics carrier	genius4 1:1/HR70, CNC swivel unit (per previous supplier)
Cameras	transmitted-light camera 1:1/HR70, incident-light camera HR70 with LED illumination (per previous supplier)	Spindle	H6 spindle ace size I/AF/HLG with autofocus, hollow encoder for high-resolution C axis (per previous supplier)
Operator unit	cockpit-pilot with 23" TFT colour touch display, keyboard, mouse	Software	ZOLLER pilot 3.0 / 2023 update to pilot 4.0 V1.19 with Windows 10 per previous supplier – upgrade to the current pilot 4.0 version on request
Measuring programs	threadCheck, inspectionPremium, MP 212 pitch diameter, MP 370 thread former, MP 851 thread tool first tooth, MP 410 grinding wheels/packs, Lasso macro editor (per previous supplier)	Connected load	1 kVA, 230 V, 50 Hz (per previous supplier)
Compressed air	6 bar ± 10 % (per previous supplier)	Weight	approx. 723 kg (per previous supplier)
Colour	grey	Operating hours	to be read out upon inspection

GALLERY



Included in delivery

- ✓ ZOLLER genius 3 threadCheck measuring and presetting machine with full enclosure
- ✓ cockpit-pilot operator console with 23" monitor, keyboard and mouse
- ✓ Colour laser printer

Optional on request

- + Software upgrade to the current pilot 4.0 version
- + Installation and commissioning at the customer's site
- + Operator training
- + Support during operation
- + Demonstration by appointment

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- ✓ Software and measuring programs as listed in the technical data (per previous supplier)
- ✓ Collet set and extraction tool per previous supplier — scope confirmed upon inspection
- ✓ Test tools and workpieces are not part of the scope of delivery
- + Warranty by agreement
- + Transport and packing on a special pallet (Incoterms 2020)

NOTE ON THE TECHNICAL DATA

The technical data above is taken from the manufacturer's documentation (series brochure/catalogue) and the operating manual supplied with the machine and reproduces its content as information received (Wissensmitteilung); we have not carried out our own metrological verification of every individual value. Unless expressly agreed otherwise in the purchase contract or in our order confirmation, it therefore does not constitute an agreement on quality (Beschaffenheitsvereinbarung) or a guarantee within the meaning of Sections 434, 443 of the German Civil Code (BGB). Individual values that matter to you will be checked and confirmed on specific request or together during the inspection appointment; we expressly recommend inspecting and testing the machine before concluding the contract. The offer is without engagement; errors, technical changes and prior sale are reserved. Our statutory liability for intent and gross negligence, for injury to life, body or health, for fraudulently concealed defects and under an expressly assumed guarantee remains unaffected. In case of discrepancies, the German version of this notice prevails.