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MACHINE DATASHEET

Zoller venturion 450 (2016)

Tool measuring and presetting machines

SEND ENQUIRY

● IN STOCK



YEAR	CONDITION	AVAILABILITY	DELIVERY
2016	Used	In stock	FCA Velten

SHORT DESCRIPTION

ZOLLER venturion 450 tool presetting and measuring machine with CNC drives on the X, Z and C axes, built 2016, with very little use. The previous owner bought it as an auxiliary unit, hardly used it and sold it because it was no longer needed — it is in as-new condition. Two USB cameras with LED incident light and transmitted light measure length, diameter, angles and cutting-edge shape without contact; the pilot 3.0 image processing finds the cutting edge automatically. Included: operator unit with 24" panel PC, label printer and SK 40 / VDI 40 / VDI 50 adapters. The machine is located in Velten and can be inspected under power by appointment.

TECHNICAL DATA

Type	CNC presetting and measuring machine, X / Z / C axes with usbmotion drives	Measuring range Z	450 mm (per operating manual)
Measuring range X	radius 210 mm / tool Ø up to 420 mm (per	Snap gauge	Ø 100 mm (per previous supplier)

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.





	operating manual)		
Max. tool weight	50 kg (per operating manual)	Spindle	ace high-precision spindle (HGV-ACE) for adapters (per factory equipment record)
Cameras	2 × USB camera with optics and LED incident light, pilot DLR transmitted light (per factory equipment record)	Control	ZOLLER 11th-generation measuring device control, 24" panel PC (per factory equipment record)
Software	ZOLLER pilot 3.0 (start screen per photo)	Adapters included	SK 40, VDI 40, VDI 50
Printer	thermal label printer, print width 25-108 mm (per factory equipment record)	Connected load	100-240 V~, 50/60 Hz, 1 kVA (rating plate)
Compressed air	6-8 bar (rating plate)	Dimensions W × D × H	2,500 × 810 × 1,710 mm (per operating manual)
Weight	350 kg (rating plate) + operator unit approx. 80 kg (per operating manual)	Last service	12/2022 (ZOLLER service label)

GALLERY



Included in delivery

- ✓ ZOLLER venturion 450 presetting and measuring machine with equipment per ZOLLER factory equipment record of 13 May 2016:
- ✓ 2 × USB camera with optics and integrated LED incident light (Z05MK446.11, Z05E6127.11)
- ✓ pilot DLR transmitted light / V series (Z05E6187)
- ✓ HGV-ACE mounting assembly vent. 450+600 (V429530-01)
- ✓ Accessory kit for drive and ROD venturion 450/600 (V429515)
- ✓ 2 × linear CNC/usbmotion drive unit (N001831), 1 × rotary CNC/usbmotion drive unit (N001918)
- ✓ smart-size membrane keypad for Z80 electronics (Z05E6024)

Optional on request

- + Installation and commissioning at the customer's site
- + Operator training
- + Demonstration under power in Velten by appointment
- + Transport (Incoterms 2020)

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- ✓ USB motion controller (Z05E7026-01), valve module Z100-V (Z05E6038-00), lighting module Z100-L (Z05E6035-10), 24 V power distribution with fuses (Z05E6037-20)
- ✓ ZOLLER 11th-generation measuring device control, 24" panel PC 2980U (Z9700910-36)
- ✓ Thermal label printer, print width 25–108 mm (Z9734883-01), 24 V DC power supply (Z9734883-02)
- ✓ Operator unit on stand with monitor, keyboard and mouse
- ✓ SK 40, VDI 40 and VDI 50 adapters
- ✓ Cables and small parts as shown in the photos
- ✓ Tools and tool holders are not part of the scope of delivery

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.