Presetter & Tool Management for CNC Profile Tooling

Increase Machine Productivity Calibrate Tooling Offline

The newly designed Smile Pilot 3.0 tool presetter and measuring machine for CNC profile tools continues the success story of ZOLLER into the natural stone industry. With the Smile 3.0 you will save a tremendous amount of time on your initial set up of new profile tooling by getting precise measurements within minutes. The Smile 3.0 is a CNC presetter that will give you exact diameters of your CNC profiles, which is key to setting each position up with recommended stock removal parameters.

Most fabricators will "eyeball" how much stock each position is removing, but with the Smile 3.0 each position can be set within the recommended parameters. With this accuracy you will increase the life of your tooling, and also decrease premature shape loss. The Smile 3.0 will also assist with making adjustments after tool wear becomes a factor. Once tooling becomes worn and is not creating a quality edge you can measure the diameter of each position and adjust accordingly.

Basic Equipment:

- Smile base table
- High precision spindle with integrated calibration edge and spindle indexing
- Membrane keyboard for power-operated tool clamping, spindle brake, and spindle indexing
- Image processing with telecentric objective and CCD camera with integrated incident light multi LED lights
- 11th generation of measuring machine control
- Windows 7 64-bit Multilingual operating system
- 24" anti-glare multi-touch display with solid frameless glass surface
- Screen resolution 1920 x 1080 pixel
- 1 x USB 3.0 interface
- 6 x USB 2.0 interfaces
- 2 x RJ45 network connection
- 4 GB working memory
- Storage for at least 15,000 adapters and tool steps

UPGRADE Smile 3.0 with LASSO (Tool Management Software)

With tool management software you can take in depth measurements of tooling to track wear patterns and take the guesswork out of knowing when it's time to send your tooling in for re shaping. You will be able to create drawings of new tooling without having the DXF files from the tooling manufacturer, which means the Smile 3.0 can be used universally with any tooling brand. This software will give you the capability of creating a tool overlay to show the wear pattern of the entire profile, which will tell you if it is time to redress your tooling with the Advant-Edge or if it is time to send your tooling in for reshaping by EDM.

981659	ZOLLER Smile Adapter, CAT 40/50	$802.00
981660	ZOLLER Smile Adapter, HSK for Breton	$2,206.00
981663	ZOLLER Smile 3.0 Presetter, Full CNC Unit	$52,647.00
981664	ZOLLER LASSO Software	$7,058.00
981665	ZOLLER DATA Data Output	$3,795.00

< Includes 2 Days of Training >