

SMOXH to Show 7,200-Item CNC Tooling Programme at AMB Stuttgart 2026

The Konya-based manufacturer will present turning, milling, drilling, grooving and boring solutions in Hall 1, Stand 1J86, from 15 to 19 September.

KONYA, TURKEY, September 7, 2026 /EINPresswire.com/ -- [SMOXH Cutting Tools](#), a Konya-based manufacturer of indexable cutting tools and tool holders, will exhibit at [AMB 2026](#), the International Exhibition for Metal Working, at Messe Stuttgart from 15 to 19 September. The company will present a 2026 programme of more than 7,200 catalogue items spanning turning, milling, drilling, grooving, threading and boring, together with the newly introduced ECOBODY family, in Hall 1, Stand 1J86.



SMOXH Cutting Tools produces indexable tooling for turning, milling, drilling, grooving, threading and boring operations, with more than 7,200 items in its 2026 catalogue.

Why Tool Selection Now Determines Machining Cost

In CNC production the cutting tool is rarely the largest line on an invoice and frequently the largest variable in cost per part. Tool life, changeover time and vibration behaviour determine cycle times, surface quality and scrap rates more directly than unit price. That calculation has become harder across European manufacturing: series are shorter and change more often, tolerances have tightened, and materials have become less forgiving, among them austenitic stainless steels, titanium and hardened alloys used in aerospace, defence and electric powertrain components.

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What decides the result on the shop floor is whether the tool matches the operation, the machine and the material in front of the operator”

Mustafa Şimşek, Founder and CEO, SMOXH Cutting Tools

How SMOXH Addresses Boring, Drilling and Milling

Internal diameter work illustrates the issue. As the ratio of unsupported overhang to bar

diameter rises, rigidity falls, and beyond approximately four diameters most plain steel bars begin to chatter under normal cutting parameters. Anti-vibration boring bars, which carry an internal damping mass tuned to the natural frequency of the bar, extend that limit in aerospace components, hydraulic cylinders and precision engineering work. Finish boring answers a different requirement: dimensional accuracy and surface quality on precision internal diameters in final operations, frequently to an H7 fit. Damped bars and modular boring systems address separate needs.

ECOBODY is a modular internal turning system in which interchangeable E-Fit cartridges mount on a single tool body, so that one body covers a range of internal operations instead of requiring a separate bar for each. According to SMOXH product documentation, the design reduces tooling investment and simplifies inventory management.

Indexable drilling replaces the resharpener cycle of solid drills with replaceable inserts clamped in a steel body, supporting consistent hole position and diameter across a production series. SMOXH variable-tip drilling tools, including U-drill configurations, are directed at high-volume hole-making in automotive and general machinery production. The milling range covers indexable milling cutters, groove mills and high-feed milling tools. High-feed milling combines a shallow axial depth of cut with a high feed per tooth and directs cutting force predominantly along the spindle axis, supporting higher removal rates on machines with limited rigidity.

Where Catalogue Breadth Meets Application Engineering

More than 7,200 catalogue references cover shank sizes and forms, insert seats and geometries, right-hand and left-hand configurations, coolant routing and machine interfaces, allowing a single supplier to serve turning, milling, drilling, grooving, threading and boring requirements. Machining problems, however, do not always match catalogue dimensions. Stepped bores in pump and valve bodies, restricted fixturing in defence components and cycle-time targets in automotive production cells call for tooling designed around the operation. SMOXH engineers custom-made tools in-house alongside its standard programme.

"A catalogue shows what a manufacturer can supply from stock. What decides the result on the



ECOBODY
MODULAR INTERNAL TURNING SYSTEM

**ONE BODY
UNLIMITED
POSSIBILITIES**

ECOBODY, thanks to its interchangeable cartridge design, allows you to perform a wide range of operations with a single body. It reduces investment costs, simplifies inventory management, and delivers maximum efficiency in production.

LOWER COST. HIGHER PERFORMANCE.

SMOXH.COM/ITR

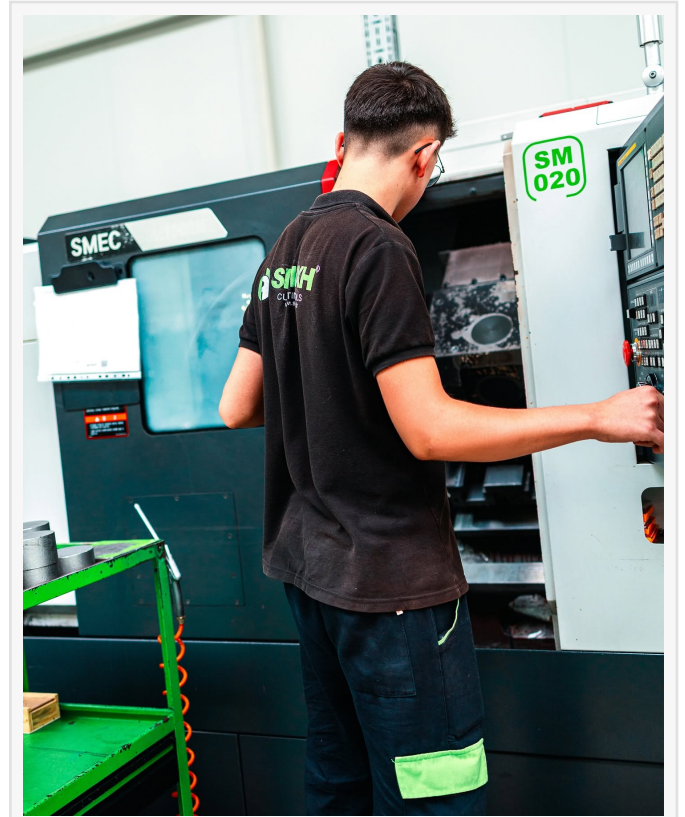
SMOXH
CUTTING TOOLS

ECOBODY is a modular internal turning system in which interchangeable E-Fit cartridges mount on a single tool body, covering a range of internal turning operations.

shop floor is whether the tool matches the operation, the machine and the material in front of the operator, and that is an engineering question," said Mustafa Şimşek, Founder, SMOXH Cutting Tools.

Production Base in Konya

Mustafa Şimşek began producing tool holders for CNC lathes and milling machines in a 50 square metre workshop in 2004. SMOXH now operates 15,000 square metres of production space with 120 personnel including engineers, more than 7,000 product variants, and exports to over 40 countries. In December 2024 the company commissioned an atmosphere-controlled heat treatment facility, bringing in-house a process that governs hardness consistency and dimensional stability in steel tool bodies. SMOXH also operates SMOXH Academy, a technical training initiative. AMB 2026 runs across ten exhibition halls at Messe Stuttgart. The 2024 edition drew 1,244 exhibitors from 28 countries and 65,584 trade visitors from 78 countries, with mechanical engineering accounting for 36 percent of attendance. At the exhibition SMOXH will meet European distributors and machining companies to review current production requirements.



Tool bodies are machined on CNC lathes at the SMOXH production facility in Konya, Türkiye, which covers 15,000 square metres.

About SMOXH Cutting Tools

SMOXH Cutting Tools is a 2004-founded, Konya-based manufacturer of indexable cutting tools, tool holders and clamping equipment for CNC turning and milling machines. The company operates a 15,000 square metre production facility with 120 personnel including engineers, and lists more than 7,200 items in its 2026 general product catalogue. SMOXH manufactures in Türkiye, exports to more than 40 countries and engineers custom tooling alongside its standard programme. For more information, visit www.smoxxh.com.tr or browse the SmoxxhShop online store at www.smoxxhshop.com. or contact info@smoxxh.com.tr.

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SMOXH Academy, the company technical training programme, runs sessions in the production environment in Konya.



Mustafa Simsek, Founder and CEO of SMOXH Cutting Tools, established the company in a 50 square metre workshop in Konya in 2004.

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