

MACHINE TOOLS PRODUCER

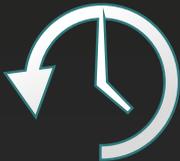
TRENS

... since 1937

COMPANY PROFILE



All components used in production of TRENS lathes are exclusively of EU origin therefore TRENS lathes are characterized by high quality and reliability. They reach high, longtime and repeatable machining precision.



Company TRENS insists on long lifetime of its lathes already during their development which has been proved by more than 100.000 satisfied customers around the world.



CNC lathes with energy recuperation lower electrical energy consumption which brings savings of your overheads and are designed with focus on decreasing the environmental impacts.

TRENS SK a.s.,

was in 2021 acquired by a new shareholder, followed by a complete change of management. The company is currently planning new projects and focusing on new strategic goals.

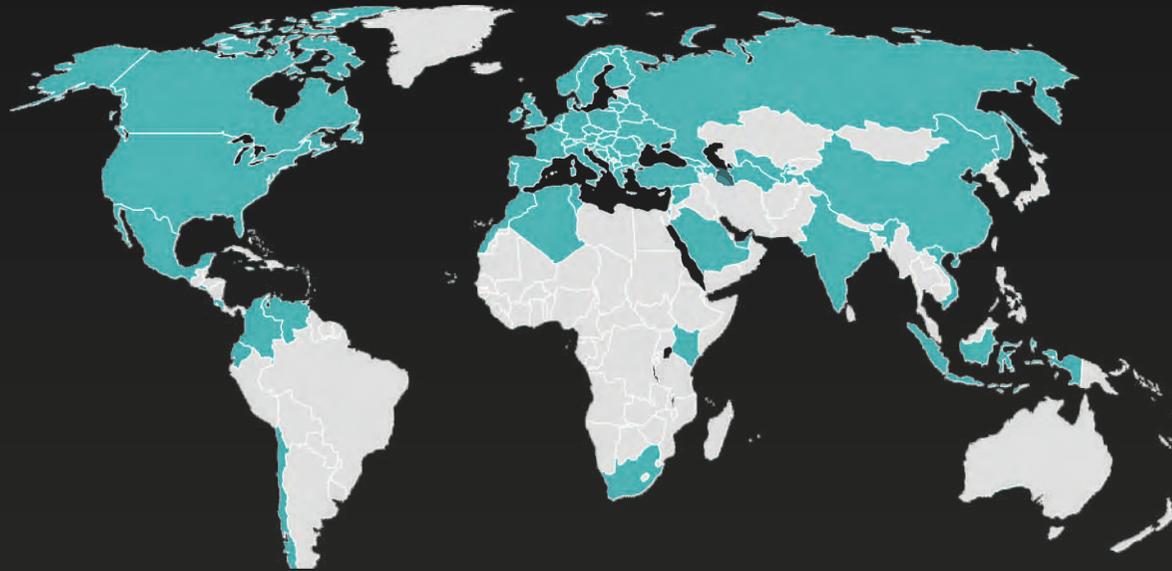
TRENS is the biggest producer of machine tools in Slovakia and one of the most important producers of machine tools in Europe.

Exports 95% of its production into more than 80 countries of the world. Offers innovative solutions adapted to demanding market requests that are sought after by many renowned foreign companies. Is the modern company with strong customer orientation with potential of dynamic growth and production development.

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DISTRIBUTION NETWORK



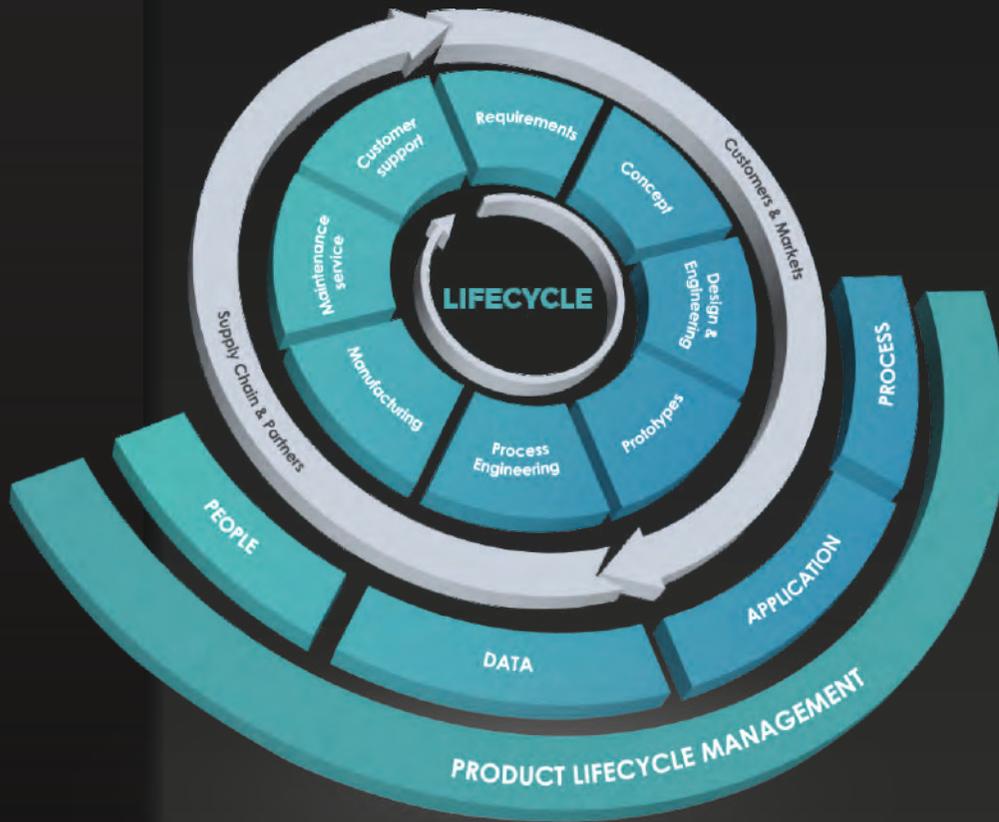
80 countries

500.000 sold machines

85 years of HISTORY

- 1937** Establishment of the factory (WALTER company) - production of aircraft engines
- 1946** **OMNIA** - Engineering and automotive - production of agricultural and food machinery and equipment
- 1951** Start of production of machine tools (lathes) and special technology
- 1962** Production of machine tools - main production program, own research and development workplaces
- 1963** We became an independent national company called TOS Trencin
- 1980** Tovarne strojarskej techniky, concern company TOS Trencin
- 1992** TOS Trencin, joint stock company
- 2012** We became an independent national company TRENS SK, a. s.. Since 2012, the company has been operating under the changed name TRENS SK, a.s.
- 2021** Change of a shareholder, significant changes, and the contribution of new innovations

LIFECYCLE



REQUIREMENTS

Production of specialized machines according to requirements. TRENS machines are known for their high reliability, accuracy and high technical level.



DESIGN & PROTOTYPES

Making prototypes is an essential part of the product development process. New product designs undergo several prototyping processes.



MANUFACTURING

TRENS SK is major global manufacturer and provider of advanced and high precision machine tool solutions.



SERVICE & SUPPORT

The service is performed by certified staff who are regularly trained on the latest technologies of key partners. The service is performed throughout Europe.



TURNING CENTERS

Productive turning centers of a rigid construction with slant bed designed for high precision and productive machining in challenging conditions of multi-shift operation.

MAIN ADVANTAGES

High precision and productive machining of simple as well as complex shape workpieces.

Steady cutting process with high repeatable accuracy of machining.

Modular concept of the machine allows configuration tailored to the technological needs of production.

Variety of turrets with VDI couplings with or without live tool drive and optional Y-axis. Remote diagnostics and data management.

Wide scope of executions and accessories – clamping devices, bar feeders, part catchers, tool probes, automatic door opening, vapour exhaust system. The newest technologies in the field of drives bring savings in electric energy.



Machine type series	Unit	SBE300 TurnEco	SBL300 series
Max swing diameter	mm	530	530
Max turning diameter	mm	320	260
Length of turning	mm	500	500
Main spindle bore	mm	65	65/92
Max weight of workpiece	kg	200	200
Max weight of overhung	kg	80	80

CNC LATHES & TURNING CENTERS



TurnEco



SBE300 TurnEco

SingleTurn Milling C -axis Y -axis



SBL300 SingleTurn M.C.Y SBX500 SingleTurn M.C.Y

SingleTurn



SBL300 SingleTurn



SBL500 SingleTurn



SBL700 SingleTurn

DoubleTurn Milling



SBL300 DoubleTurn M

SingleTurn Milling



SBL300 SingleTurn M



SBL500 SingleTurn M



SBL700 SingleTurn M

DoubleTurn Milling C -axis



SBL300 DoubleTurn M.C

SingleTurn Milling C -axis



SBL300 SingleTurn M.C



SBL500 SingleTurn M.C



SBL700 SingleTurn M.C

DoubleTurn Milling Y -axis



SBL300 DoubleTurn M.Y



SBX500 DoubleTurn M.Y

SingleTurn Milling Y -axis



SBL300 SingleTurn M.Y



SBX500 SingleTurn M.Y

DoubleTurn Milling C -axis Y -axis



SBL300 DoubleTurn M.C.Y



SBX500 DoubleTurn M.C.Y

SBL500 series	SBX500 series	SBL700 series
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600	650	750
410	550	500
750/1500	750	2000
92/133	92/133	127
420	1000	2500
215	372	250



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