

MACHINE TOOLS PRODUCER

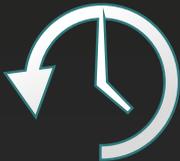
TRENS

... 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.

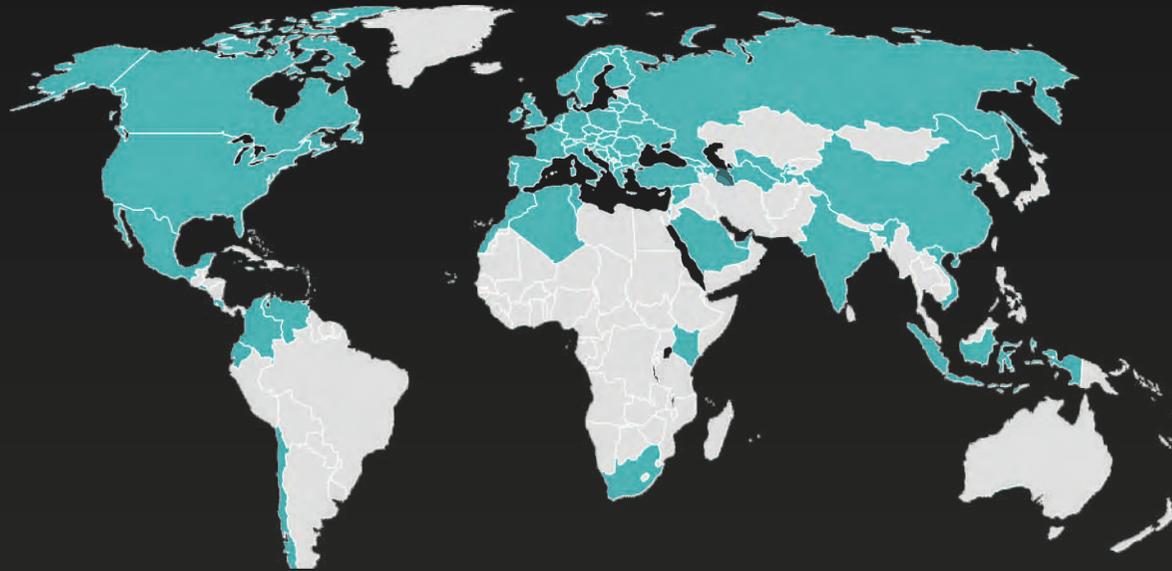
TRENS is the biggest producer of machine tools in Slovakia and one of the most important producers of machine tools in Europe.

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

1962

Production of machine tools - main production program, own research and development workplaces

1992

TOS Trencin, joint stock company

1946

OMNIA - Engineering and automotive - production of agricultural and food machinery and equipment

1963

We became an independent national company called TOS Trencin

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.

1951

Start of production of machine tools (lathes) and special technology

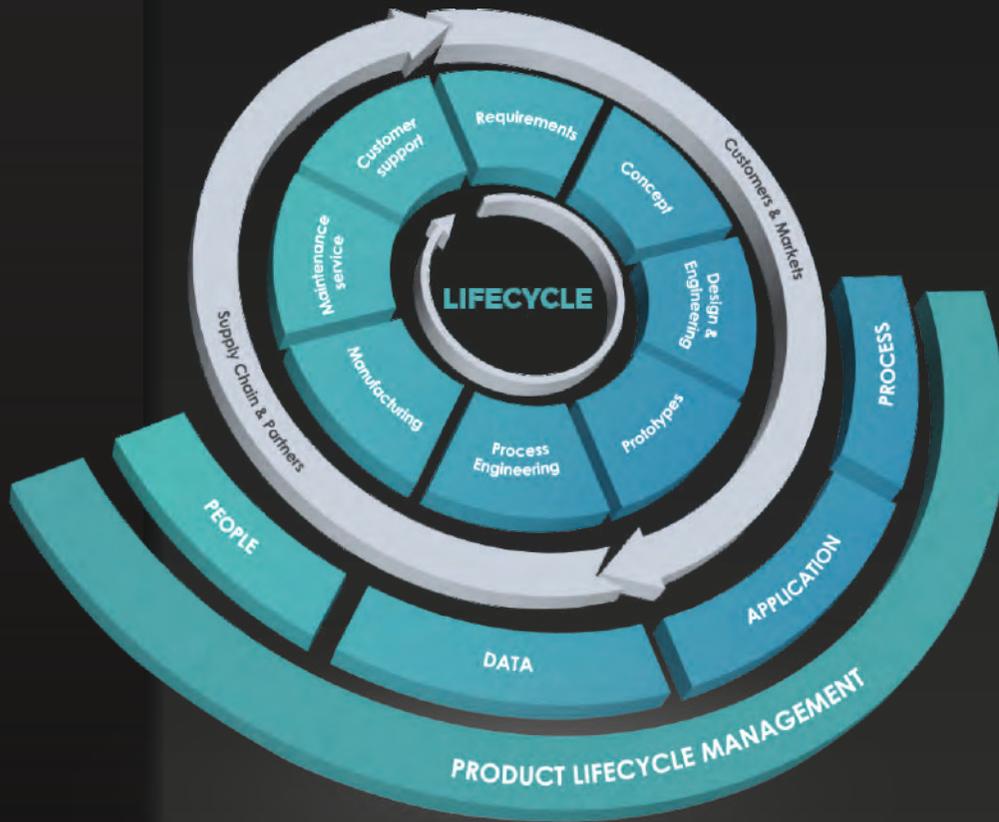
1980

Tovarne strojarskej techniky, concern company TOS Trencin

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.



CNC UNIVERSAL CENTER LATHES

The machine works as a universal center lathe in manual mode being controlled by the handwheels. If required, the operation mode can be shifted to the full CNC control.

MAIN ADVANTAGES

Ideal machine for a user switching from conventional to CNC controlled lathe.

Easy operation.

Manual, cycle and automatic mode.

Software support for contour programming as well as DIN programming.

Axis positioning through servomotors.

Control system options - SIEMENS, FANUC, HEIDENHAIN.

Option of the 8-positional turret with live tools.

Wide scope of executions and accessories – hydraulic clampings, chip conveyors, drilling bar holders, steady and follow rests, faceplates and chucks, hydraulic tailstock.



Machine type series	Unit	SE320 series
Max swing diameter	mm	320
Max swing diameter over cross slide	mm	170
Distance between centers	mm	750
Max turning diameter w/turret	mm	210
Spindle bore	mm	42/57
Max weight in centers/ overhung	kg	200/60

CNC UNIVERSAL CENTER LATHES

Numeric Basic



SE320 Numeric Basic



SE520 Numeric Basic



SE820 Numeric Basic



SE1020 Numeric Basic

Numeric Turret



SE320 Numeric T



SE520 Numeric T



SE820 Numeric T



SE1020 Numeric T

Numeric Turret Milling



SE520 Numeric T.M



SE820 Numeric T.M



SE1020 Numeric T.M

Numeric Turret Milling C-axis



SE820 Numeric T.M.C



SE1020 Numeric T.M.C



SE520 series	SE820 series	SE1020 series
520	800	1020
290	515	740
950-2000	2000-8000	2000-8000
300	665	955
77/105	133	133
1000/80	3500/250	3500/250



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