

UBC₂₀₂₀, k.s.

TRENS
... since 1937

GLOBAL
MANUFACTURER OF
MACHINE TOOLS
SINCE 1937



BANKRUPTCY

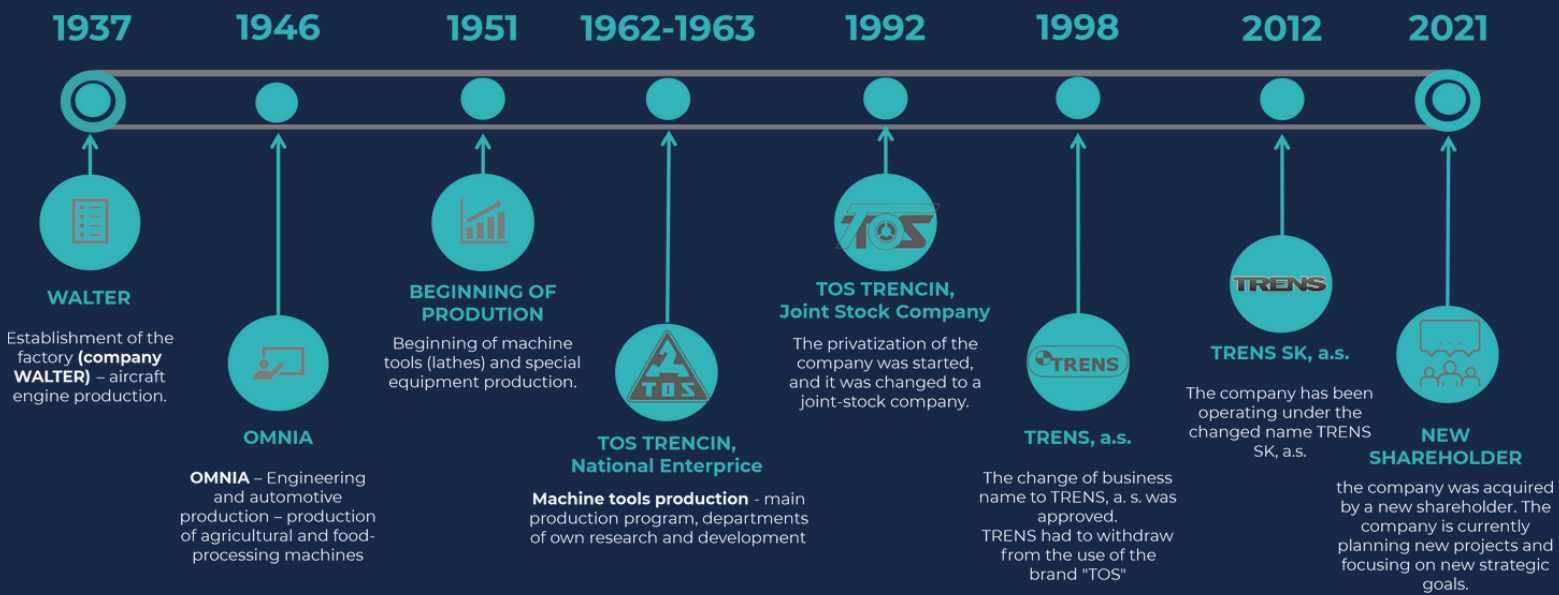
Sale of the company/property of the company

2024

Company Profile and History

TRENS SK, a.s., the largest manufacturer of machine tools in Slovakia and one of the most significant producers of machine tools in Europe.

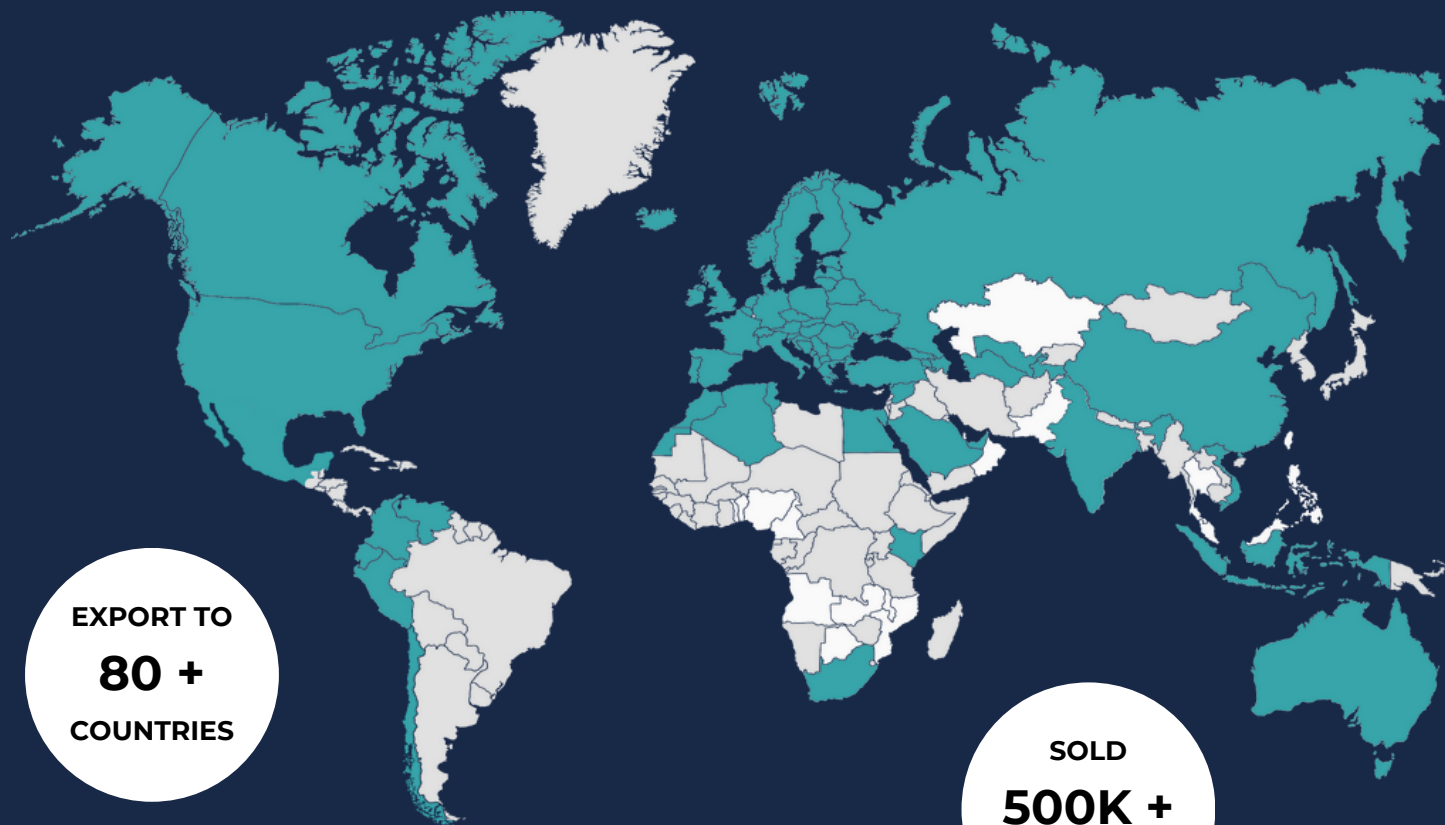
The company specializes in the production of CNC turning centers, CNC universal turret lathes, and universal turret lathes, as well as spare parts and accessories.



[Video](#)



Market Presence and Product Range



EXPORT TO
80 +
COUNTRIES

SOLD
500K +
MACHINES

Product Catalog

SBX500 SingleTurn M.Y.



[Video](#)



SBL700 SingleTurn



[Video](#)



SE320 Numeric Basic



SN32 Classic



SE820 Numeric Basic



[Video](#)

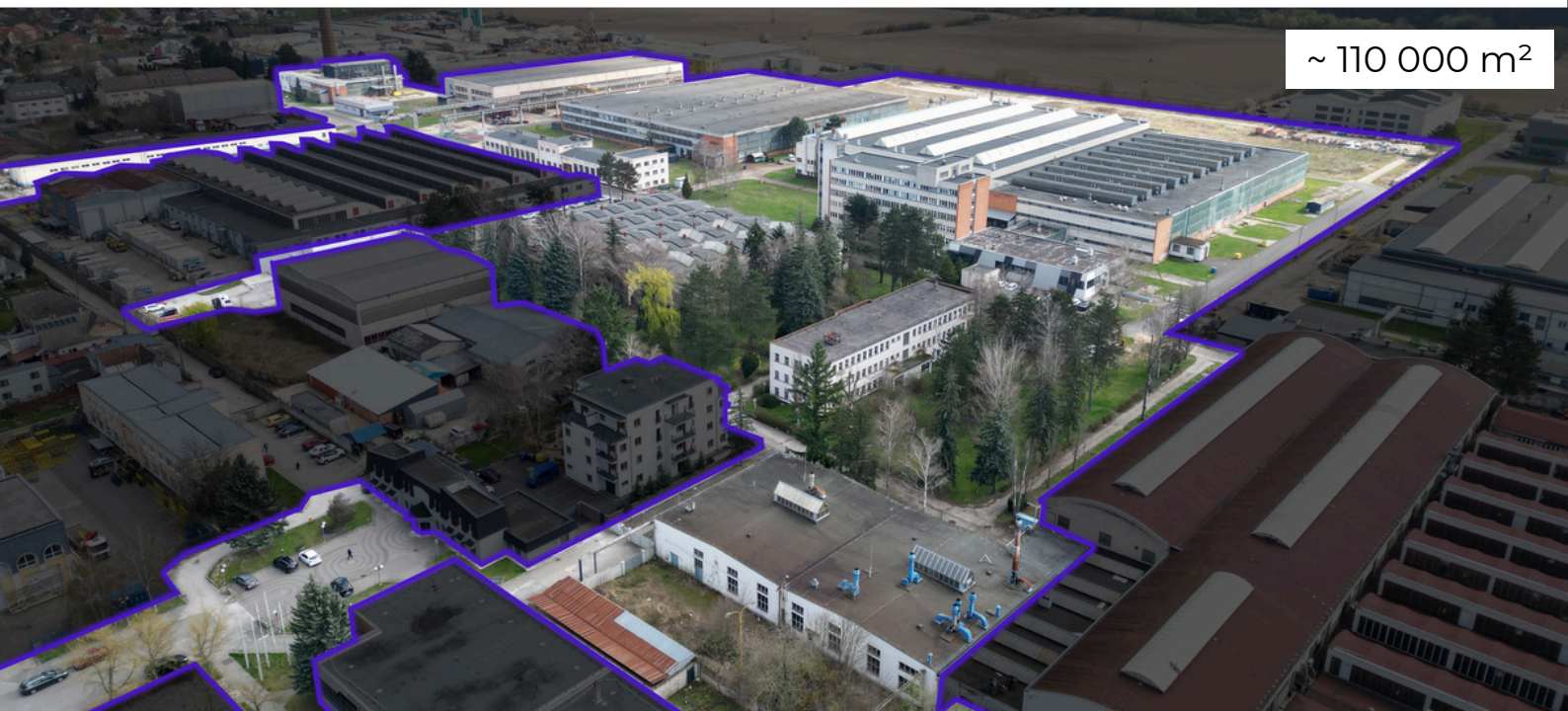


SN71 Classic



[Katalóg produktov](#)

Area



~ 110 000 m²

Area
breakdown

110 000 m²

Construction
site

27 000 m²

Administrative
and other
buildings

6 800 m²

Production
halls

33 000 m²

Site parameters

The site is equipped with a complete engineering network consisting of:

- Water supply and sewerage + own well
- Gas distribution + regulating stations
- Electricity distribution network + 22kV transformer stations

The site includes a gantry crane with fenced storage area. Production halls are equipped with multiple gantry cranes with varying load capacities. There is also a paint shop installed within one of the production halls, consisting of 2 complete painting lines with a traversing track for load transport. The properties have built-in boiler rooms for the preparation of hot water + heating, with production areas heated by gas infrared heaters.

TRENS has been developing and manufacturing machining tools in the city of Trenčín for over 85 years. It supplied both standalone machines and complete turnkey production solutions. The company specialized in the production of CNC turning centers, CNC universal turret lathes, and universal turret lathes, as well as spare parts and accessories.

From the perspective of the factory as a whole, it is divided into 4 main sections:

- Forging
- Roughing: In the roughing department, there is a punching press and sheet metal shears for cutting metal sheets.
- Heavy machining (further referred to as HM)
- Light machining (further referred to as LM)



Forge



~ 1 200 m²

Within it, there are several induction furnaces used for induction hardening. It is a heat treatment process carried out to improve the mechanical properties in the localized area of iron components. Typical applications of induction hardening include gears, shafts, axles, camshaft lobes, forgings, and spindles, mainly symmetrical parts. Induction hardening is used to increase the strength of a specific area of the component. Surface hardening of selective areas of a single component. Oil baths are used for cooling after the carburizing process. Hardness testers are part of the equipment of the forge.

The Light Machining Department is adapted for processing and manufacturing small to medium-sized parts for production needs as well as spare parts.

The production of components utilizes milling machines such as MC100, FA4V, FSS 400 V/2, FB40, FB40V, FB25H, BDU250A, BUB40, BHU 50A.

Vertical machining center MC1040V (table working area 1200x500 mm, travel x/y/z 1040x540x600, max. table load 850 kg)

Drilling machines of the VR2, VR4, VR4A, VS32A, and V20A series with different drilling diameters and arm lengths. Turret lathe SV 18 RA (turning length 750-1000-1250mm), Numeric turret lathe Se 520, combi lathe SUI 500, CNC lathe SBL500/750, Inclined bed lathe SBL 500, Lathe SBL 300, SBX500.



Light Machining Department



~ 13 000 m²



Heavy Machining Department



~ 10 000 m²

The Heavy Machining Department is equipped with multiple machining centers, such as:

Multitech, Width mm 3000, Length of front table mm 4500, Length of rear table mm 4500, Maximum load on front table 20000 kg, Maximum load capacity of rear table 20 000 kg, Maximum load on connected table kg 30000, automatic tool change system for tools and machining units, Drive power kW 45, Longitudinal table (axis X): table 1: 5000mm, table 2: 5000mm, connected table 11000mm, milling and drilling unit, horizontal (axis Y) 4500mm spindle travel, vertical (axis Z) 1250mm

-HERMLE C50, 5-axis. Maximum workpiece dimensions Ø1,000 x 810 mm, Max. Table load, 1,000 kg (turning), 2,000 kg (milling). Axis travels: X = 1,000 mm, Y = 1,100 mm, Z = 750 mm. Range of rotation +100° / -130°. Power supply V400, HZ: 60, V: 24, A: 120, KVA: 84.

-TOS MCFHD 80, Length of worktable 800 mm, Width of worktable 800 mm, Travel length of X-axis (mechanical feed) 1000 mm, Travel length of Y-axis (mechanical feed) 750 mm, Travel length of Z-axis (mechanical feed) 750 mm CNC

-FRFQ 250VR/A CNC, max. force in axes X, Y, Z - 30000 N, table load 4000 kg / m², total table area 2500x8000 mm, table height from base 700 mm, X 7000 mm longitudinal stroke, X 3300 mm transverse stroke, Vertical stroke Z 1100 mm, passage between columns 2950 mm

Radial drilling machines of the VR4, VR5A, and VR6A series with a drilling diameter into steel of 63mm and varying arm length.

Lifting devices with different load capacities ranging from 100 to 350 kg and gantry cranes in each field.

For increased durability of manufactured components, we utilize hardening machines for surface hardening such as SKF 560 and KSH 600.

Machine equipment

TRENS SK, a.s. company has a wide range of various machine equipment and tools for machine processing. Within the production halls, there are installed more than 250 machining machines (lathes, CNC lathes, milling machines, CNC milling machines, machining centers, grinders, shapers, drills, planers, hydraulic presses, saws, lifting equipment, others). Additionally, there is high-precision measuring equipment from ZEISS brand.

For production control and adherence to tolerances, we employ machining equipment from ZEISS. This includes the MMZ G series, which meets the highest standards:

They provide a large measuring range and excellent accuracy, ideal for controlling complex and large workpieces with tight tolerances. X/Y/Z travel 3,000 x 6,000 x 2,000 mm, measuring head type VAST, probe changer, measuring software Calypso, measuring and evaluation unit, PC, monitor, keyboard, mouse, safety light barriers, 1 batch of measuring probes, calibration master, control panel, table system, cabinet system, machine accessories.

Location



12 min.
Trenčín Airport



11 min.
D1 Highway



3 min.
Train Station

The location represents a district town with very good accessibility and well-developed infrastructure both for business and for employees. There is an ample supply of qualified workforce in the area. Additionally, there is a vocational school in the locality offering study programs focused on mechanical engineering and metal machining.

More informations

after signing the non-disclosure agreement

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