RUSSIAN MACHINE TOOLS
- **2012** – year of foundation;
- 7 number of assembling plants;
- > 50% – market share;
- **3,5 billion rubles** – 2016 revenue;
- > 100% – average revenue growth per year;
- 2,200 employees;
- 15 registered patents;
- 5 new models every year.
• Employees skill development and worker profession prestige growth with educational institutions and the Worldskills movement;

• Total facilities modernization to the level of high-technology production;

• Competence centers net foundation;

• Industry 4.0;

• Additive technologies introduction;

• Planned production growth — 50–100%;

• Planned revenues — 50–60 bill. RUR;

• Export – up to 10% of production.
Leadership ambitions in high-accuracy technological machines production that could be with equal or better technical characteristics from world leaders of machine-building companies.

- Special milling and boring machine for oversized details processing
- Profile grinding machining center
- 5 axis portal milling machining center
Being Russia's largest machine-tool building company and competing with leading international manufacturers of metal-working and special equipment, we:

- Offer our clients innovative, precise and reliable machine-tools to overcome their expectations and provide them competitive strengths at their markets;
- Increase our clients’ productivity and efficiency, employing the latest technologies, developments and achievements in accuracy and capabilities of our products;
- Support our customers’ businesses with competent and responsible sales, services and projects implementation.

**In compliance with global standards we:**

- Reward fair and open corporate culture utilizing all necessary management tools;
- Value the importance of team-oriented approach in corporate-wide communications;
- Respect each other’s opinions, value our differences and continue our self-growth.

**In compliance with strategic goals of machine-building industry we:**

- Invest knowledge and experience in further development of Russian machine-tool building industry for our capitalization growth and success of our customers;
- Remember that the price for our products and services is the key to success and stability;
- Make necessary profit for maintaining cash flows, R&D, high-quality client services, continuous talent management, high sales and high quality of production infrastructure.

**As an industry leader and sustainable company we:**

- Preserve natural resources and environment;
- Follow high ethical business practices.
150 year of production history.
Product line basement is a high-accuracy many functional 3-axis and 5-axis CNC processing centers.
STERLITAMAK PRODUCTION FACILITIES PRODUCT RANGE

Processing centers

- СТЦ 25 (S250)
- СТЦ 50 (S500)
- СТЦ 50+ (S500U)
- СТЦ 50-55 (S500V5)
- СТЦ 50-70H (650H)
- СТЦ 53-90А (650H5)
- СТЦ 63/80/125
- СТЦ 40В (1000ВР)
- СТЦ 80 AT (800ВHT)
- СТЦ 80 AT (2000ВHT)
- СТЦ Ф45 (5450)
- СТЦ Ф55 (500V)
- СТЦ Ф60/70/80 (600/700/800V)
- СТЦ Ф55 L (500V/2)
- СТЦ Ф55 XL (500V-5000)

Turning machining centers

- СТТ 32 (160HT)
- СТТ 50-60 (200HT)

Special-purpose machines

- СС740
Latest innovation — CNC gantry-type machining center СТЦ-П80

- No any analogues in Russia;
- Only 3–4 other manufactories in the world;
- High demand from military sector of industry;
- Only 10 month of prototyping
Manufacturer of extra-heavy and special-purpose machines, e.g. turning-and-boring machines, rigid-bed milling centres and special-purpose machines, e.g. for metal spinning, ‘wafer’ background processing, body welding, hydraulic forging etc.
Product range

- Single-column vertical turning and boring lathe
- Double-column vertical turning and boring lathe
- VBL series turning-and-boring machine
- Rigid-bed milling machine
- Gear milling vertical-type machine
- Gear milling horizontal-type machine
- Centre less turning machine
- Quenching machine
- Winding machine
- End chamfering machine
- Pipe-cutting machine
- Extruders
- Isostatical moulding machine
- Hydraulic bed-type sheet-stamping press
- Crimp press
- Hydraulic pipes-calibration press
- Hydraulic pipes calibration and testing press
- Press for hydraulic testing of pipes
- Forming and straightening press
The first plant to master the production of domestic CNC systems.

The focus is on horizontal boring-and-turning mills and machining centres in a variety of dimensions and weight of the work pieces to be processed.
**Horizontal machining centres**

- СТЦ Ф63×2 НР/Ф80х2 НР (Супер Центр ИС630/ИС800)
- СТЦ Глобус (СЦ ИС800-ГЛОБУС)
- СТЦ Ф50х2 НКР/Фх80х2 НКР (ИСБ500ПМФ4/ИСБ800ПМФ4)
- СТЦ Р125 М (ИС1250ПМФ4)
- СТЦ Р120Р (ИСБ1200-2)
- СТЦ Р637 ТС (ИСН2А637ПМФ4)
- СТЦ Р160 М (ИС1400ПМФ4)
- СТЦ Р160 (ИР1400ПМФ4)
- СТЦ Р160 + (ИР1600ПМФ4)
- СТЦ ФР500 (ИСК5000)

**Equipment supplies**

- СТР 125 (ИР1250)
- СТР 636 (ИС2А636)
- СТР 637 (ИС2А637)
- СТР 60 (ИР600)

**Tool- and spindle-making facilities**
Setup of modern spindle devices and motor spindles for CNC machines manufacturing

- Setup of manufacturing import-substituting high-tech products with high added value and scientific and technological potential;
- Setup of domestic tools’ manufacturing as part of industry development;
- Lathe spindles with rotation speed up to 5,000 rpm, power up to 40 kW and torque rating up to 400 Nm;
- Boring spindles with rotation speed up to 24,000 rpm, power up to 70 kW and torque rating up to 1,000 Nm;
- Special grinding spindles with rotation speed up to 80,000 rpm;
A company with 70 years of competence to manufacture the widest range of lathes, from multi-purpose ones to CNC lathes and multi-functional machining centres.

The plant is one of three companies in the world producing deep hole drilling machines.
Multi-proposal turning lathes

CTT Y50 (16P25Π)  CTT Y70 (1M68)  CTT Y84 (16K40)  CTT Y100 (1H65)  CTT 120 (PT117)  CTT 137 (PT817)  CTT 170 (PT317)

Horizontal CNC lathes

CTT 50/100 (16P25Φ3)  CTT 67 (16P30Φ3)  CTT 80 (16P40Φ3)  CTT 100/290+ (16P50Φ3)/ CTT 100/300+ (1H65Φ3)  CTT 120/100+ (PT117Φ3)  CTT 137/100+ (PT817Φ3)  CTT 150 (PT317Φ3)
Deep hole drilling and boring machines

CTT 30 (1715)  
CTT 55 (1728)  
CTT 70 (1740)

STAN

RYAZAN PRODUCTION FACILITIES

PRODUCT RANGE

Turning machining centers

Railway-related machines

Thread-rolling machines

CTT  Д107 (РТ905Ф3)/
CTT  Д125 (РТ910Ф3)

CTT  Д85+ (РТ908)

CTN 18 (РН18)

CTN 30 (РН30)

CTN  50 (РН50)
Russia’s only producer of up-to-date machines for creep feed grinding.

Focus on:
- carbide processing
- profile creep feed grinding
- milling and grinding with durable wheels
Machines for creep feed grinding

Machine tools for carbide grinding

Profile grinding machines

Special equipment and tooling for grinding machines

Machines for creep feed grinding with durable wheels

- СТШ 512/13, 610/11 (SXS 512/13, 610/11)
- СТЦ 51 2ТС (SXS 512-TC)
- СТШ 31 (SXS 310 CNC)
- СТЦ 73 5ТС2 (SXS 735-TC2)
- СТШ 32 (SXS 320 CNC)

- СТШ ако/ако R (WAMeco/WAMeco-Rotodress)
Production specialty for vertical milling processing centers, portal milling machines with moving tables and unique machines.
Vertical milling machines

- СТФ 32 (6М13НК)
- СТФ 50 ТС эко (МА-655НК)
- СТЦ Ф66 L (ФП-7)
- СТФ 70 эко (ФП-17)
- СТЦ Ф95К (ФП-27)/ СТЦ 60 ТН (ФП-37)

Longitudinal milling machine

- СТЦ Ф160 (ФП-83)/ СТЦ 160ТНЛ (ФП-95)
- СТЦ 250ТНЛ (ВФ-5)

Processing centers

- ФЦ-1/ФЦ-2/ФЦ-3

Turning machines

- СТТ 12 (ТФЦ-1,25)
- СТТ100-20 ТС (АТПР-800М1)

Metal sheet processing machines

- РФП-2
- РФП-6
- УГР-3/УГР-5
Bending hydraulic press series VOLKSPRESS, Klassik, Dynamik produced in a Joint venture JSC «SP Donpressmash» in Azov, Rostov region, under the control of the German developed by company STS-Tumpress.

Brake hydraulic press

Hydraulic guillotine shears

STS-V/VOLKPRESS
STS-K/Klassik
STS-D/Dinamik
STS-G