

Cooperate
Presentation

KTS Group Companies



About Us

KTS was founded in 1980 as a sole proprietorship by H.İbrahim KAYA.

Since 1993, it has been operating as a legal entity.

KTS has a 3000m² factory in OSTİM, ANKARA

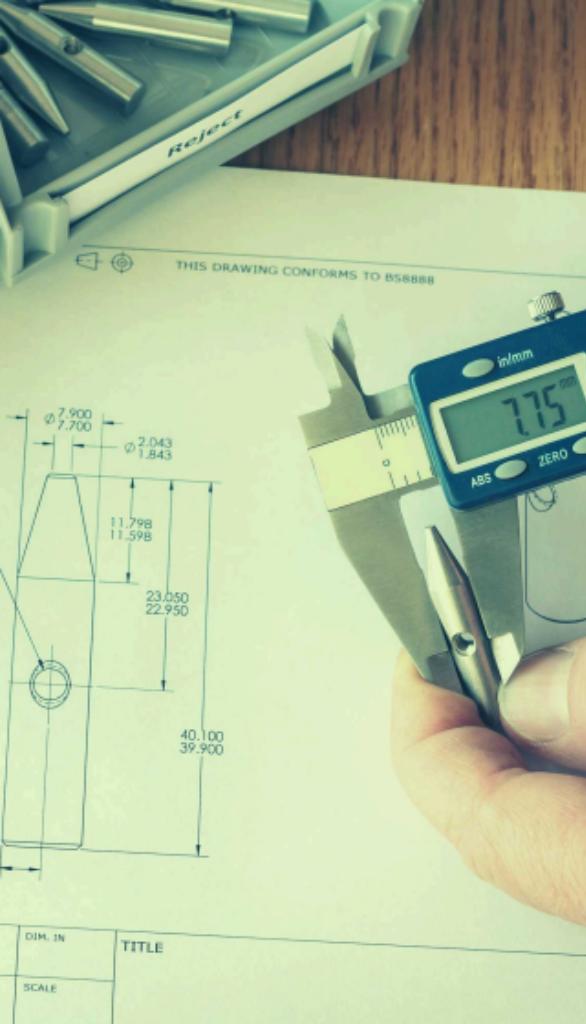
We continuously provide innovative and technological solutions for the toughest conditions, responding swiftly to the needs of our clients both in Turkey and worldwide.

Our Critical Focus

Sustainable Quality and Business Excellene

Through our cost-effective policy, our international competitiveness increases. With an effective Quality Assurance System in place, we gain benefits in production, efficiency, and profitability. At KTS, production is carried out at least in line with international standards by utilizing economies of scale enabled by science and technology.

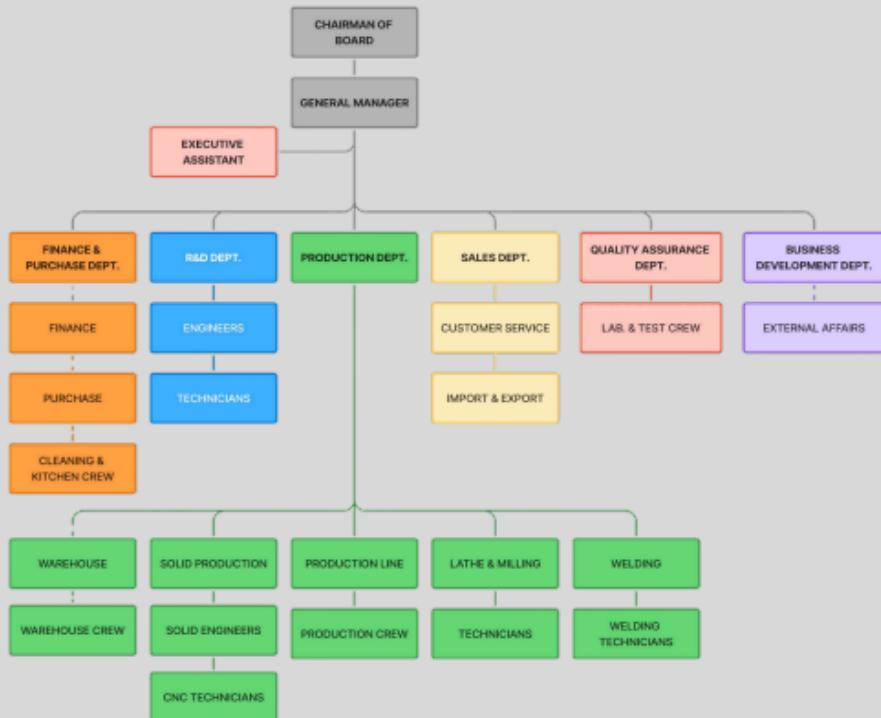




How Do We Achieve This?

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ORGANIZATION SCHEME



CAPABILITIES

Manufacturing & Testing Capabilities:

- Machining,
- Cylinder/Tube Production (Aluminum/Steel),
- Welding,
- Mechanical Assembly,
- Push-Pull Cable Production,
- Testing Equipment,
- In-Device Cabling,
- 3D Solid Modeling,
- Technical Drawings,
- Prototyping/Final Assembly.



Hardware Capabilities:

- Microprocessor & Microcontroller-based
- Multi-layer PCB Design,
- Signal & Power Protection Circuits,
- Power Supply Design,
- High-Speed PCB Design,
- Control Circuits,
- ADC/DAC for Sensors,
- Schematic & PCB Documentation,
- EMC/EMI Compliant Design.



Software Capabilities:

- **KTS** mainly offers embedded system and software solutions,
- But **KTS** has the ability to develop all kinds of software within its own organization.
- Uses code safety tests,
- Such as a MISRA-C, CERT etc.



FIELD of ACTIVITY

Defense Industry:

- Control & Automation Systems,
- Automatic Explosion Suppression & Fire Extinguishing Systems,
- Spiral Cable Production,
- Spare Part Manufacturing,
- R&D Activities



Construction Machinery & Automotive

- Control & Automation Systems,
- Automatic Explosion Suppression & Fire Extinguishing Systems,
- Spiral Cable Production,
- Spare Part Manufacturing,
- R&D Activities



Industrial & Medical

- Control & Automation Systems,
- Life Support Cylinders,
- Measuring & Analysis Devices,
- Spiral Cable Production,
- Spare Part Manufacturing,
- R&D Activities,
- Medical Devices.



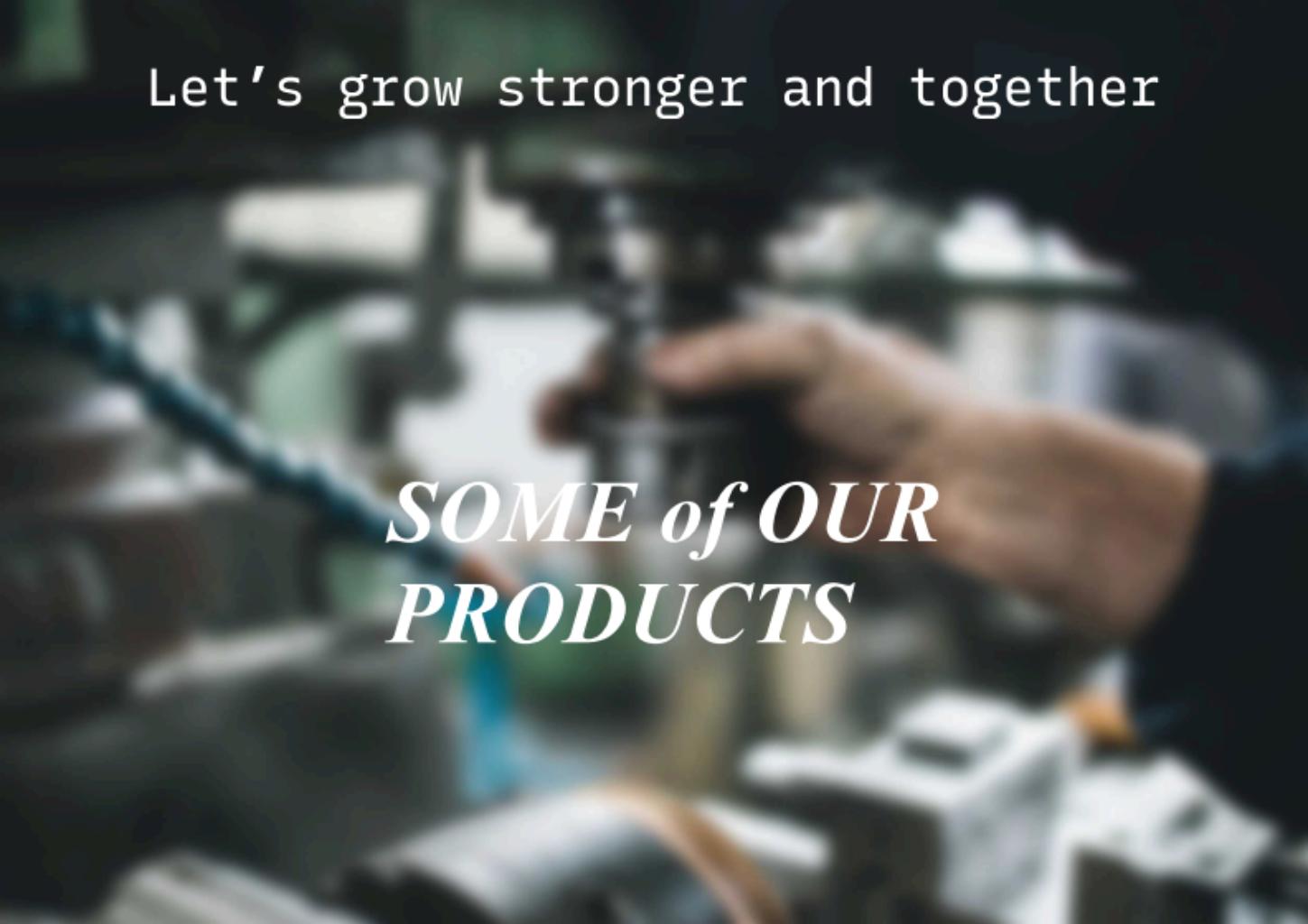
KTS MANUFACTURING and TESTING CAPABILITIES

With over 45 years of experience, KTS manufactures critical systems and spare parts for defense and automotive industries. Expertise areas include Automatic Explosion Suppression Systems, Push-Pull Cables, Electronic & Mechanical Control Units. KTS also designs and produces its own testing equipment to support R&D activities. Quality is maintained at all stages of manufacturing processes.

SUSTAINABLE QUALITY



Let's grow stronger and together



*SOME of OUR
PRODUCTS*

AUTOMATIC EXPLOSION SUPPRESSION & FIRE EXTINGUISHING SYSTEM

Automatic Explosion Suppression & Fire Extinguishing System (AFES) can be usable for any land vehicles such as armored vehicles or construction machinery and storage units. The system is capable of suppressing explosions within <250ms*.

System parts:

- *Main Controller
- *Detectors
- *Thermal Wire
- *Buttons
- *Cylinders



*Total time of detection and suppression.

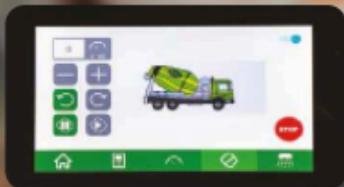
SMART MIXER CONTROL SYSTEM

KTS 1500 Series Electronic Transmixer Control System is primarily designed to achieve high efficiency in transmixer applications.

The advantages of the KTS Smart Mixer System with RPM control are:

- It automatically optimizes the drum rotation speed by maintaining a constant pre-set speed.
- It keeps the mixer drum operating at a predetermined rotation speed or for a specified time.

As a result, it provides extra fuel savings, prevents unnecessary wear of the mixer drum, and ensures cost efficiency.



ALUMINUM / STEEL CYLINDERS

KTS has the capability to design and manufacture high-pressure cylinders of all sizes – from the smallest to the largest – in compliance with international standards. It also develops and produces smaller cylinders suitable for use in high-pressure projects.

Using both hot-press and cold-press technologies, KTS manufactures cylinders with different sub-forming options tailored to customer requirements.

As with all our products, every cylinder undergoes quality control checks before delivery to ensure full compliance with the relevant standards.



PUSH-PULL CABLES

KTS spirals are manufactured to the highest standards using premium-quality materials. At **KTS**, there is a wide range of standard heads and connection components available.

In addition, the outer housings (spirals) of the SdN, SdH, SdC, and SdP series are designed with various specifications for flexible push-pull systems, making them suitable for different applications.

Whenever required, our technical staff are always ready to assist with production and assembly needs.

Today, KTS control spirals are used with confidence across all construction machinery, as well as air and military vehicles.



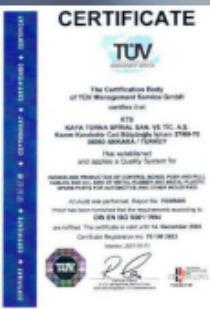
CERTIFICATION

At KTS, the training process is built on understanding, dedication, competence, communication, correction, and continuity.

For us, quality is a customer-oriented philosophy. In the race for leadership, the true winners are those who treat customer feedback with seriousness and transform it into a competitive advantage.

Together with all our employees, it is our core policy to establish and maintain the KTS quality system in full compliance with the requirements of the ISO 9001 standard.

In addition, our military-grade products are certified and manufactured in accordance with the MIL-STD-175E, MIL-STD-461G, and MIL-STD-810G standards.



REFERENCES

