



TGLSP

RUGGED DYNAMICS >

OUR STORY THE ISRAELI DEFENSE STORY

95 EMPLOYEES



MORE THAN 65 YEARS OF EXPERIENCE

SINCE 1952

LOCATED IN ONE OF THE MOST BEAUTIFUL PARTS OF ISRAEL, ON THE SLOPES OF THE CARMEL MOUNTAIN, COVERING 9,000 SQUARE METERS.



Offers unique and cutting-edge technologies of rubber to metal bonding products



Producing high-quality suspension systems, road wheels, sprocket wheels, track shoes and other rubber, rubber-to-metal and metal products to defense forces worldwide



Specialized lab with highly qualified professionals, trained to design and custom manufacture products and solutions based on the specific needs of each customer and application



ISO 9001:2015 Certified for designing and manufacturing for both military and commercial markets



End-to-end solutions and services including: consulting, R&D, production and technical support



Worldwide range of customers, deployed internationally from both military and commercial industries. We work hand-in-hand with leading defense industries, military organizations and armies



Designing and manufacturing rubber solutions for commercial and chemical industries



In house mixing department using a clean, accurate, fully automated system supplies hundreds of compounds for both TGL needs as well as external customers



Providing innovative out of the box solutions for demanding, accurate and complex rubber products



ROAD WHEELS

TGL manufactures a variety of road-wheels for tanks, APCs and other tracked vehicles. Our wheels enable them to move smoothly on harsh terrain, while absorbing considerable ground -interference. Our design and quality allow for low operational costs. Metal sheets are cold pressed using hydraulic presses of up to 3000 tons. They are then CNC processed and formed until the wheel shape is obtained. Wheels are produced to accurate and customized, challenging specifications.



SPROCKETS

TGL manufactures a variety of metal sprockets made from high-quality material for armored and industrial vehicle applications. The raw material is processed internally and externally using customized CNC machines. The sprockets are then hardened by induction, and are subject to 100% nondestructive testing. After stress releasing in a furnace, the sprockets are perforated and threaded by CNC machines.

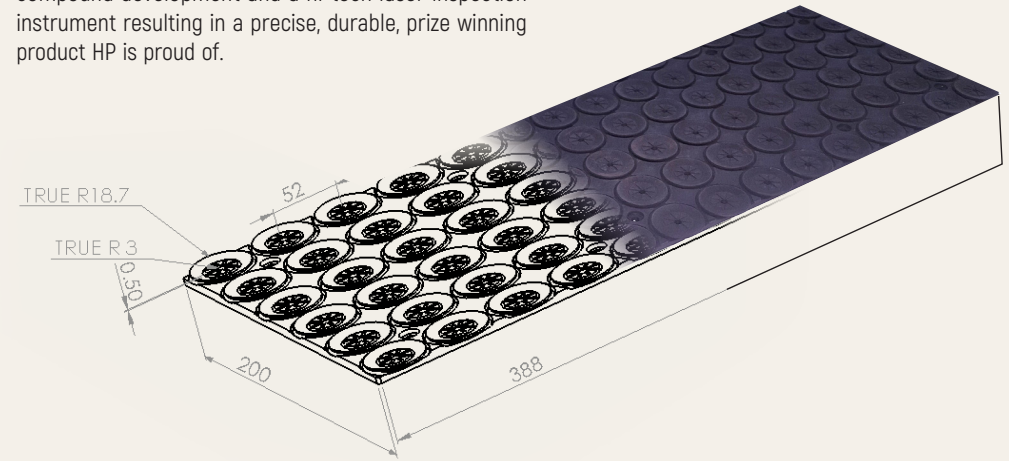


TRACK SHOE ASSY PADS & BUSHINGS

TGL specializes in the production and renewal of rubber track shoes. TGL also designs and produces pads and bushings for armored tracked vehicles. Our main track shoe assembly products are: T-130, T-132, T-136, T-142 and T-157 which are suitable for a variety of vehicles, and similar products for heavy main battle tanks, armored personal carriers, armor recovery vehicles, self-propelled artillery, infantry fighting vehicles and combat engineering vehicles.

A new printing blanket development for HP

Hewlett Packard has requested TGL to develop an all new highly accurate vacuum blankets for their new large format digital printing machine. These challenging demands called for a smart mold design as well as a tailor made compound development and a hi-tech laser inspection instrument resulting in a precise, durable, prize winning product HP is proud of.



“The Merkava mark IV is recognized to be the best battle tank in the world - heavy, fast and powerful. It is running on TGL wheels.

BEST TANK – BEST WHEEL”



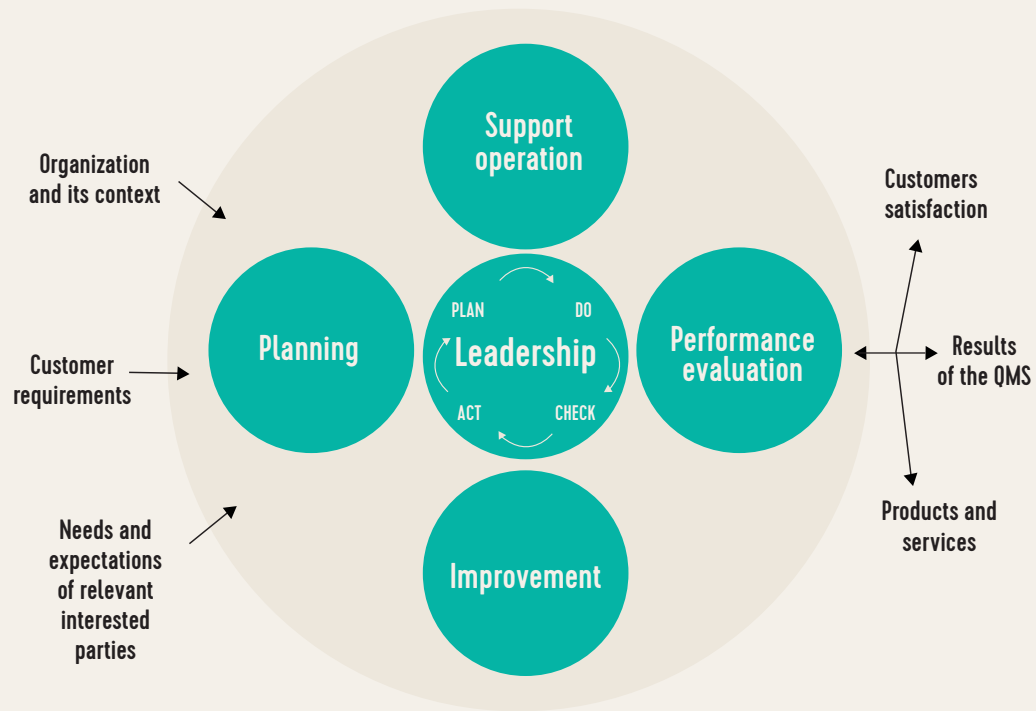
R.G. (ret.) Yaron Livnat
TGL SP Active chairman
former head of the Tank Program,
the Israeli MOD/IDF

A new pad development for ROBOTEAM



ROBOTEAM had to improve the maneuverability of their unmanned autonomic vehicle. Our team of engineers had to develop a unique detachable pad to fit the existing track. The result is a lightweight, high abrasion resistant, easily assembled pad, that altered the PROBOT performance in the field.

QUALITY MANAGEMENT SYSTEM



- ISO 9001:2015 certified
- IDF self- inspection certification
- RAFAEL - special processes and rubber compounding certified
- US Cage Code: 3197A
- Magnetic Particle Inspection
- Fully equipped rubber testing lab
- CMM Laser dimensional measurement
- Paint System Validation
- Rig test for tanks and APC'S road wheels

RANGE OF SOLUTIONS FOR THE DEFENSE AND COMMERCIAL INDUSTRIES



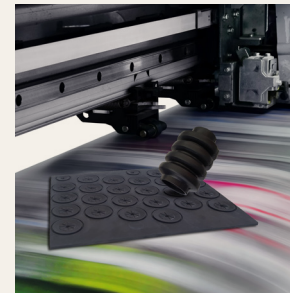
MILITARY SUSPENSIONS



AUTOLIFE PRODUCTS



RAILWAY SUSPENSIONS



PRINTING INDUSTRY

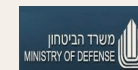


IRON DOME



NBC SYSTEM

Among our costumers



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Contact us

Phone: 972-4-9937537

Fax: 972-4-9935546

E-mail: mail@tgl-sp.com

Website: www.tgl-sp.com

Linked  TGL SP



Haozma Street, Industrial Park | Elbit Zone P.O.B 183 | Yokneam 2069203, Israel

