

corporate profile & product gallery



TACHEM GROUP OF COMPANIES

Inspiration of Science





COVER RATIONALE_

The intricately linked metallic honeycomb represents the strength and diversity of TACHEM GROUP, providing quality extensive services in the manufacturing and waste management industry. The dynamic way in which the honeycomb spreads out symbolises our vision for growth, as we take on every challenge that comes our way.

ISO AWARDS_



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OUR MISSION

We take pride in offering our clients the best services available in the region, powered by state-of-the-art technology as well as our talented and dedicated staff. In doing so, our group of companies are committed to exceeding expectations and creating customer relationships built on mutual respect, integrity and trust. You can count on us to deliver cost efficiently and on time, every time. No challenge is beyond our grasp, even as we adapt and develop new capabilities to meet your changing needs.

OUR PHILOSOPHY

We want to be “The First Choice in Tools Manufacturing and Waste Management” in Malaysia, the region, and beyond. We do this by putting passion into everything we do, while ensuring our operations are conducted with great integrity and to high standards. We strive to pursue world-class practices, practising strict quality control and a commitment to be environmentally aware and responsible. There is nothing we cannot do together when we share the same vision for excellence.





What are we all about?

ABOUT TACHEM GROUP

TACHEM GROUP was founded by Tam Chee Leong in 2001 to meet the growing demand in tool manufacturing and waste management. With a built-up capital of RM370,000, the company has grown by leaps and bounds, establishing a solid reputation among its peers and clients.

OUR EXPERTISE

Tools Manufacturing

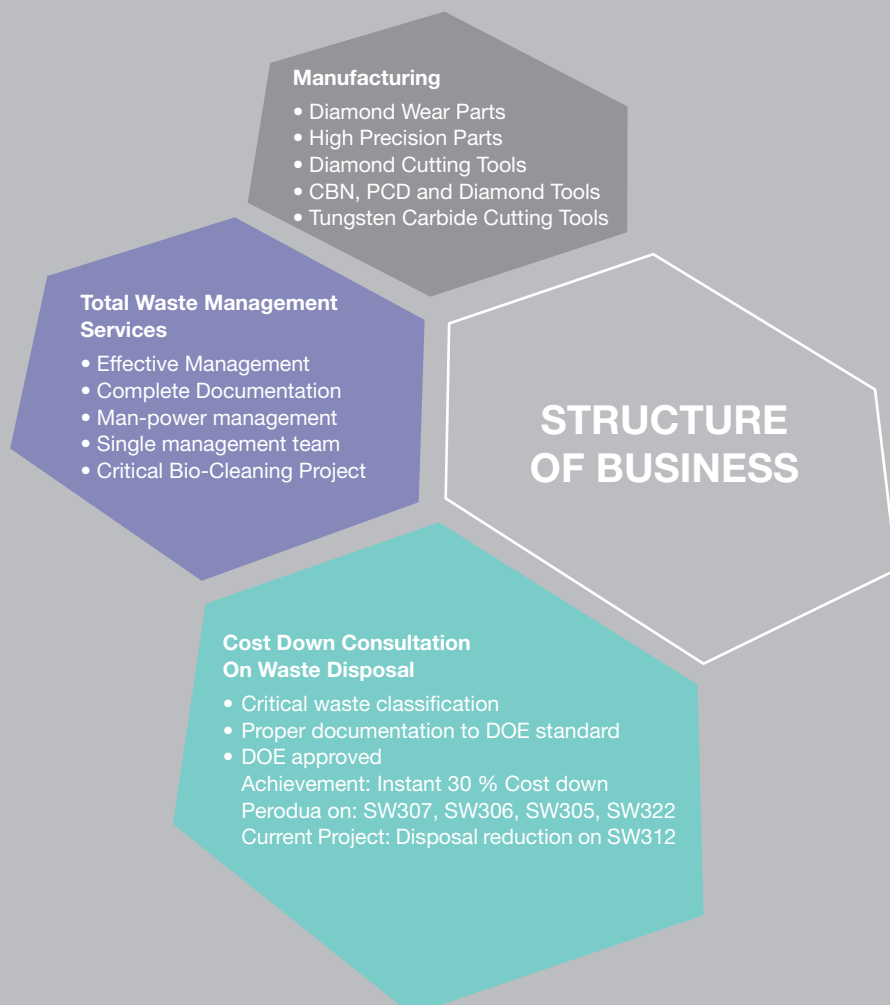
We manufacture a wide range of high quality tools using the latest machines and technology. From diamond grinding to milling machines to superfinishing, we offer an extensive list of services (refer to page 5). We are also ever ready to expand our arsenal of equipment and expertise to meet your requirements, whatever they may be.

Total Waste Management

Save time, resources and hassle when you outsource your company's waste management to the TACHEM GROUP. From effective and manpower management to complete documentation and paperwork, count on us to ensure that your business operates smoothly. Many of our clients have also benefited from our Cost Down Consultation services where we helped them to cut waste disposal costs. Approved by the DOE, we classify critical waste and provide proper documentation, among others. Our achievements so far include an instant 30% cost down for several Perodua projects, with more projects coming our way.

Headquarters

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TACHEM GROUP OF COMPANIES

TACHEM Technology Sdn Bhd

- Design & Fabrication Machine Tools
- High Precision Machining
- Diamond & PCBN Tools
- Schedule Waste Management

TACHEM Automation & Machineries Sdn Bhd

- PLC & CNC Automation & Motion Control

TACHEM Property Sdn Bhd

- Property Investment

Teradua Sdn Bhd

- Specialty Metal Cutting Tools Design and Manufacturing

TACHEM Specialty Chemicals Sdn Bhd

- Specialty Chemicals Formulation and Manufacturing

ENGINEERING , DESIGN AND DRAWING

Tachem's design team was established in 2009 to develop and produce custom-made precision equipment and machine tools. Our experienced team with its state-of-the-art computerised design systems (Mechanical and Electrical) is able to provide top quality, highly reliable solutions to the machine tools industry.

In 2010, Tachem successfully exported 12 units of Bearing Groove Super-finishing machine to China, which is a great international success, thanks to our qualified and experienced engineers. Furthermore, our service support team is highly trained with different vendor certifications. All of these guarantee our customers quality services from implementation to after sales support.

By further harnessing the potential of its global business, Tachem strives to further enhance its R&D and Management capabilities, a key driver for future growth.

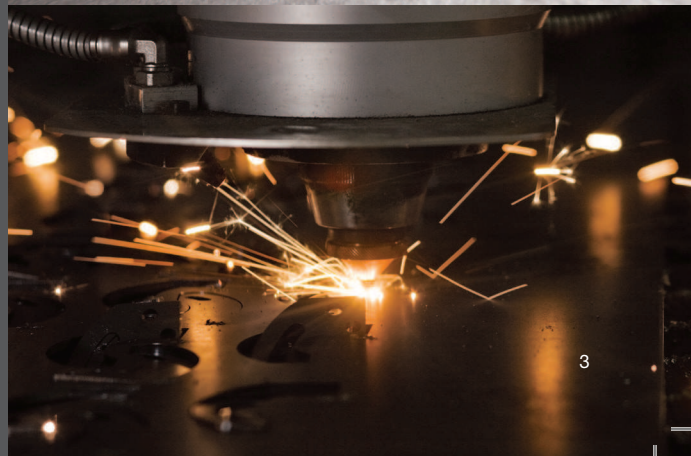
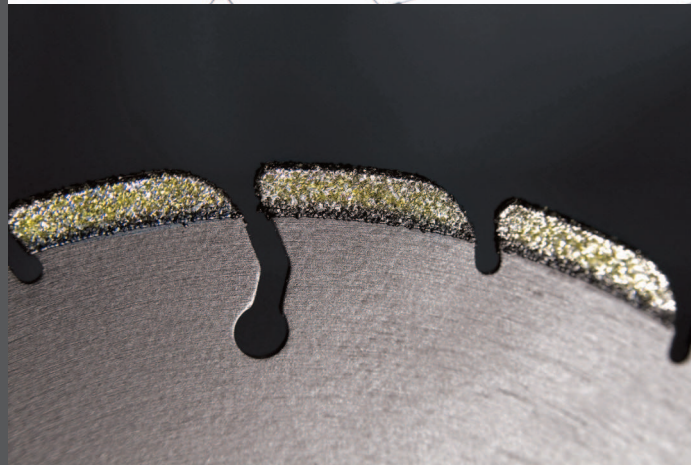
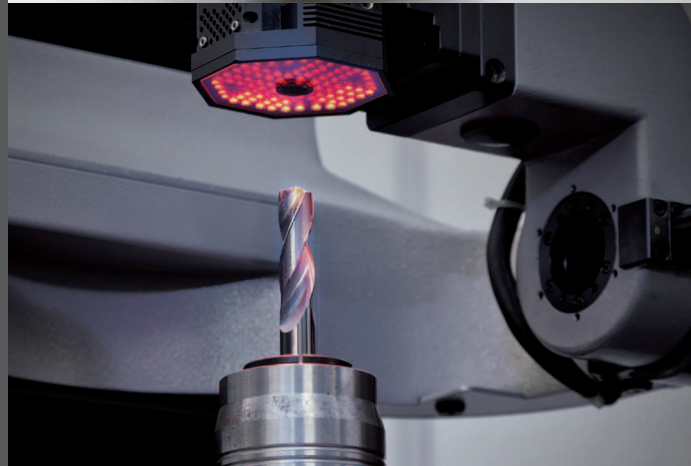
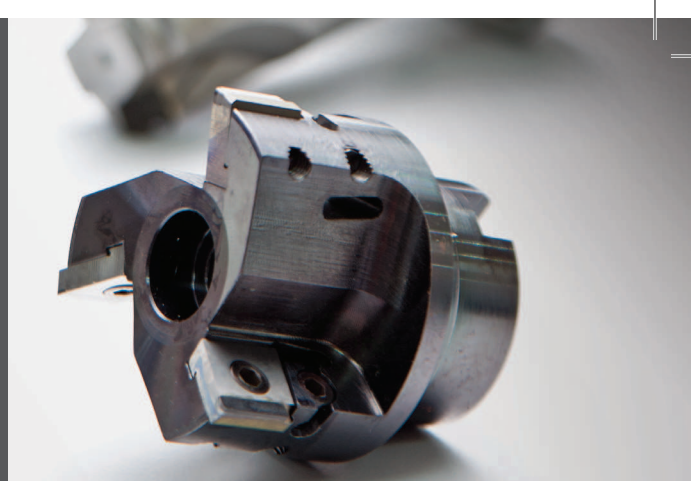
R & D AND MANUFACTURING TOOLS: THE FUTURE BEGINS HERE

Research and development is integral to our business. We are always looking for more efficient methods and better solutions for our clients. Armed with the latest Autodesk and Autocad softwares, our R&D experts are able to perform stress analyses before any production begins. This ensures quality control and the life span of our tools. We also use computerised machines such as ROBO and COBORN, which gives us a competitive edge.

SPECIALTY CHEMICALS FORMULATION AND MANUFACTURING

Under Tachem Specialty Chemicals Sdn Bhd, we also manufacture and supply Dovemann industrial lubricants, metalworking fluids and specialty chemicals for industrial applications and equipment. We formulate, blend and pack a wide range of top quality lubricants and chemicals for use in automotive, metalworking, semi-conductor, lead frame, die-casting, electronic and foundry industries. As a result of our well-established quality management system and stringent control, we were awarded ISO 9001:2008 Certification in December 2009.

We keep top confidentiality for patented formulations while providing "Formulation For Sales" and "Neutral Branding" services. Meanwhile, our in-house products offer hygienic, environment-friendly formulations, with 10% of our profits invested in R&D every year.



Production Line_
State-of-the-art-factory and
machinery



Passion & Commitment A Competitive Advantage

OUR STRENGTHS

We employ highly skilled talents and the brightest minds to bring their expertise and experience to the table. On top of providing optimum solutions to your production needs, we are constantly evolving. We stay up-to-date with the latest technology, so that we may help you stay ahead. Best of all, our experts are always here for you, whether it be for a costing analysis or a consultation. We also conduct process studies to ensure we are operating efficiently, while our investment in R&D keeps us competitive. Your satisfaction is what drives us to pursue excellence every day.

WE PRIORITISE QUALITY CONTROL

Nothing is more important to us than quality and safety, which is why we take great care in our manufacturing processes. We are always documenting to DOE and ISO Standards, ensuring that our tools and services are nothing short of world class.

KEEPING IT GREEN

We take it upon ourselves to be socially responsible and ethical in our business practices. That is why every effort is made to ensure that our environmental impact is as minimal as possible.

Equipment_
The latest computerised
equipment





CUTTING EDGE EQUIPMENT

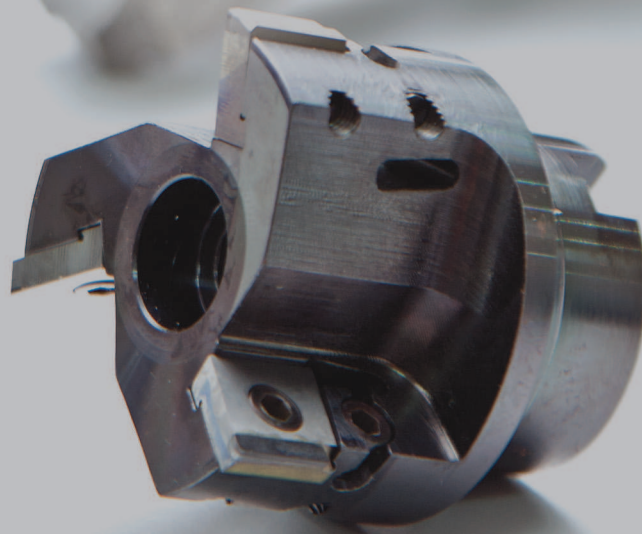
Our state-of-the-art factory is home to the most advanced and up-to-date machinery, putting TACHEM ahead of its competitors with our arsenal of machines. It doesn't stop here. We are always ready to go above and beyond to meet your changing requirements, adapting to your needs if required.

- **CNC Diamond grinding machine**
- **Manual Diamond grinding machine**
- **Radius grinding machine**
- **CNC Machining center**
- **Manual Milling machine**
- **CNC lathe**
- **Manual lathe machine**
- **Surface grinder**
- **EDM**
- **Wire – Erosion machine**
- **Cylindrical grinding machine**
- **Laser marker**
- **Heat treatment furnace**
- **Dynamic Balancing machine**
- **High frequency induction heater / brazing machine**
- **High precisions tool pre-setter**
- **Profile projector**
- **Digital dial gauge**
- **Digital Micrometer**

OUR SATISFIED CUSTOMERS

It has been our privilege to have great working relationships with the following clients:

- RIGHT WAY INDUSTRIAL (M) SDN BHD**
- SANYCO GRAND INDUSTRIES SDN BHD**
- HPMT INDUSTRIES SDN BHD**
- TAITSU ELECTRONICS (M) SDN BHD**
- PERODUA ENGINE MANUFACTURING SDN BHD**
- METTUBE (M) SDN BHD**
- L K DIAMOND (M) SDN BHD**
- HICOM DIECASTING SDN BHD**
- KYP SDN BHD**



Organisation Chart



AUTOMATION & MACHINERIES

Tool Edge Preparation Machine



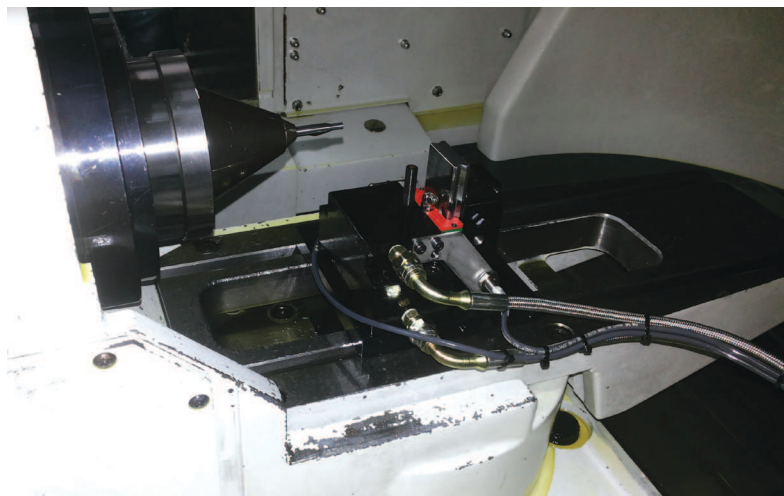
CNC PCD Grinding Machine



Miniature Bearing Inner & Outer Ring Groove Super Finishing Machine



Steady Rest for 5 axis Walter Tool Grinding Machine to Increase Productivity



SPECIALTY CHEMICALS FORMULATION & MANUFACTURING

Water Miscible Metalworking Fluid

Ultracool 100	General purpose mineral oil based water soluble cutting coolant.
Ultracool EP102	Mineral oil based water soluble cutting coolant for Aluminium machining.
Ultracool 390	High performance biostable semi-synthetic metalworking emulsion for ferrous material.
Ultracool 500	Synthetic water miscible metalworking fluid for ferrous metal.
Ultracool AF605	High lubricity amine free cutting coolant for Aluminium and Magnesium alloys.
Ultracool CF608	High performance lubrication and cooling emulsion for all materials.
Ultracool 9918	High lubricity and low foam mineral oil free cutting and grinding coolant for ferrous metal and cast iron.
Ultracool 9930	Fully synthetic grinding coolant for Tungsten Carbide.

Neat Cutting Oil

Doverol 531	Low viscosity cutting oil for ferrous and non-ferrous materials, especially for Copper and Brass. [15 cSt]
Doverol 2000	Sulphurised honing oil with medium viscosity. Suitable for ferrous metal and non-ferrous metal except Copper. Free from chlorine. [20 cSt]
Finocut HSM	Synthetic high speed machining lubricant for ultra high speed machining process. [15 cSt]
Ultracut GP	General purpose. Non-staining cutting oil for ferrous and non-ferrous metal. [32 cSt]
Ultracut 240	Medium to heavy duty machining oil. Contain chlorine and inactive sulphur additive. [25 cSt]
Ultracut 460	Medium to heavy duty machining oil. Free from chlorine. Suitable for ferrous metal. [46 cSt]
Ultracut 610	Medium duty Sulphur based neat forming oil for bolts and nuts industry. [44 cSt]
Ultracut 630	Heavy duty Sulphur based neat forming oil for bolts and nuts industry. [42 cSt]

Wire Drawing Lubricant

Water Miscible Drawing Lubricant

Ultracool C500	Synthetic water miscible Copper wire drawing fluid for intermediate, fine and super fine wire drawing operation.
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Neat Oil Drawing Lubricant

Doverol TD20	Low viscosity heavy duty drawing oil for stainless steel materials. [42 cSt]
Doverol TD70	High viscosity heavy duty drawing oil used in deep drawing or tube drawing of stainless steel materials. [780 cSt]
Doverol 250	Punching and heavy duty drawing oil for stainless steel, steel and galvanized steel. It contains chlorinated additives, Sulphurized additives, anti-staining additive, solid lubricant and vegetable oil. [166 cSt]
Ultralube 30	Low viscosity Aluminium drawing oil for medium and fine wire. [30 cSt]
Ultralube 150	High viscosity index drawing oil for Aluminium. [130 cSt]
Ultralube 8388	Low viscosity, high performance Aluminium drawing oil for high speed drawing process. [83 cSt]

Mould Release

Mould Release MR88	Release agent for multi layer wool hot forming process.
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Machine Lubrication

Hydro-Gear 150, 220, 320, 460	Heavy duty industrial gear lubricants designed for use in a wide variety of applications. Contain EP additives. Free from lead.
Hydro-Lube HLP 32, 46, 68, 100, 150	Mineral based premium anti-wear hydraulic oil.
Hydro-Safe WG46	Fire resistant hydraulic fluid.
Ultraway 32, 68	Premium quality lubricants designed for machine tool ways and similar applications where tacky oils are required.
Ultra-Spin 12, 22	Highly refined, high viscosity index and light colour spindle oil for use in high speed bearing.

Forming Oil, Stamping Oil, Hot Forging

Doverol AF 3 SE	Lubricant for Aluminium and Copper heat exchanger punching and forming process.
Doverol AF 4 SE	High purity stamping oil for Aluminium and Copper heat exchanger.
Doverol SGS Colloid	Water based special release agent for Heavy Duty Hot Forging and Extrusion process.
Gearkool 945	Odourless lubricant for Aluminium and Copper heat exchanger punching and foaming process.

Miscellaneous Products

Cortect ALU	Water based metal deactivator for Aluminium and its alloy.
Cortect CPO	Solvent based metal deactivator for Copper and its alloy.
Cortect WB	Water based metal deactivator for Copper and its alloy.
EDM Fluid K	Odourless, low viscosity, low evaporation and good stability electrical discharge machine fluid. Free from aromatic compound.
EDM Fluid L	Odourless, low viscosity and good stability electrical discharge machine fluid. Free from aromatic compound.
Finomist 4641	Stranding lubricant for Aluminium and Aluminium Alloys.
High Purity PBO 74	Odourless, low viscosity and high purity base oil for electronic application.
Irgacide N40	Anti-bacteria product. Combined biocide and fungicide. Suitable for tank site treatment of cutting coolant.
Rustisol D10	Solvent based corrosion inhibitor. Suitable for prolong storage.
Rustisol WB 100	Water soluble anti-corrosion for tank site treatment or direct use.
Sawcool 80-2	Special purpose water based coolant for Ceramic, Ferrite, Cerium Oxide and Silicon. It provides both anti corrosion and lubricating effects.
Ultraclean B30	Industrial cleaner for cleaning machine, floor and etc. Excellent degreasing power.





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