



DTA ENGINEERING

"Towards Excellence in High-Tech"

Company Profile

www.dtaengineering.com.au



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“ DTA Engineering is an Australian startup company founded in 2019, specializing in high-tech solutions for agriculture, industrial, and mining sectors. Our focus is on innovation, excellence, and continuous improvement, ensuring top-tier services and products ”

About Us

We excel in irrigation and greenhouse technology, designing, supplying, and installing advanced drip and sprinkler systems tailored to the Australian agricultural industry. Our solutions incorporate technology from Israel, Holland, and the USA, maximizing productivity and efficiency. Additionally, we provide IT solutions, integrating advanced digital technologies into our operations.

DTA Engineering also operates in industrial and mining machinery, supplying world-renowned equipment for road construction, quarrying, and mining. We further provide agricultural machinery, including tractors, harvesters, and balers, to the Australian and New Zealand markets. Our distribution network extends to electronic products, including monitors and projectors.



Why Choose Us?



Proven Track Record – With 1,500+ irrigation and 100+ greenhouse projects completed across Australia, Sri Lanka, Maldives, and India, we bring a wealth of expertise to every project.

Decades of Expertise – Backed by 25+ years of experience in agriculture and irrigation, our team is trained by Israeli experts, ensuring the highest standards in efficiency and innovation.

Cutting-Edge Industrial & Mining Solutions – We collaborate with Henan Hongxing Mining Machinery Co., Ltd to supply advanced grinders, crushers, and ore beneficiation technology, catering to industrial and mining needs.

Agricultural Machinery Excellence – Through our partnership with Zoomlion, we provide high-performance tractors, harvesters, balers, and seeders to the Australian and New Zealand markets.

Global Expansion & Innovation – We continuously expand into new industries and markets, recently partnering with Guangzhou Xianyou Intelligent Technology Co., Ltd to bring innovative solutions to diverse sectors.

Executive Value Overview



At DTA Engineering, we are a multi-sector solutions partner delivering measurable value to industries critical for growth and modernization. Since 2019, we have combined global technology partnerships with localized expertise to deliver integrated, future-focused outcomes.

Our value is quantified across five key dimensions:

1. Cost Efficiency & Strong ROI

- Leverage global supply chains (China, Israel, Holland, USA) to reduce acquisition costs by 15–25% versus traditional market alternatives.
- Our solutions, like automated machinery and precision irrigation, are designed to significantly reduce long-term operational expenditure.

2. Productivity & Operational Gains with Proven Scale

- 1,500+ irrigation projects and 100+ greenhouses delivered, demonstrating scalable expertise.
- Industrial grinding and crushing machinery directly improves material throughput, while our smart systems boost agricultural output.

3. Reliability, Compliance & Risk Reduction

- Full compliance with ISO, CE, and GOST standards ensures regulatory adherence and minimizes risk.
- Our end-to-end service model (survey → design → installation → after-sales) guarantees project success and proven uptime.

4. Partnership & Global Reach

- Exclusive partnerships with industry leaders like Henan Hongxing (Mining) and Zoomlion (Agriculture) provide access to cutting-edge technology.
- Successful project delivery across Australia, Sri Lanka, Maldives, India and New Zealand proves our capability to execute internationally.

5. Sustainability & Tangible ESG Impact

- Our precision irrigation technology delivers up to 40% water savings, directly enhancing agricultural resilience.
- Energy-efficient machinery and smart automation systems significantly lower our clients' carbon footprint.



DTA ENGINEERING

Our Vision and Mission

Vision

To provide excellent service to the Industrial, Mining, and Agriculture industries with high-quality standards, cutting-edge technologies, and solutions from leading global suppliers. This includes machinery for aggregating, crushing, grinding, mining ore beneficiation, and all other engineering machines for industrial and agriculture as well as agriculture technology for irrigation and greenhouse systems, all supported by precise expertise and top-notch customer service.

Mission

DTA ENGINEERING provides advanced equipment for Industrial, Road Construction, Mining, and Agriculture sectors. We offer state-of-the-art machinery for aggregating, grinding, crushing, mining, ore beneficiation, irrigation, and greenhouses. Our solutions are sustainable, environmentally conscious, and designed to meet the needs of Australia's agriculture and mining industries. We pride ourselves on accurate design, fast delivery, and excellent after-sales support with technical expertise.

Our Core Values

Accountability

We are involved, responsible and dedicated to our organization, its investors and our customers.

Integrity

We are committed to being honorable and disciplined.

Courage

We are bold, always striving to believe in bigger and better achievements.

Innovation

We are determined to find the best available solutions to solve problems quickly and effectively.

Leadership

We endeavor to work smartly, always finding ways to improve our service offering, to do more – faster.

Commitment

We are deadline-driven to achieve maximum productivity on all levels.

Support

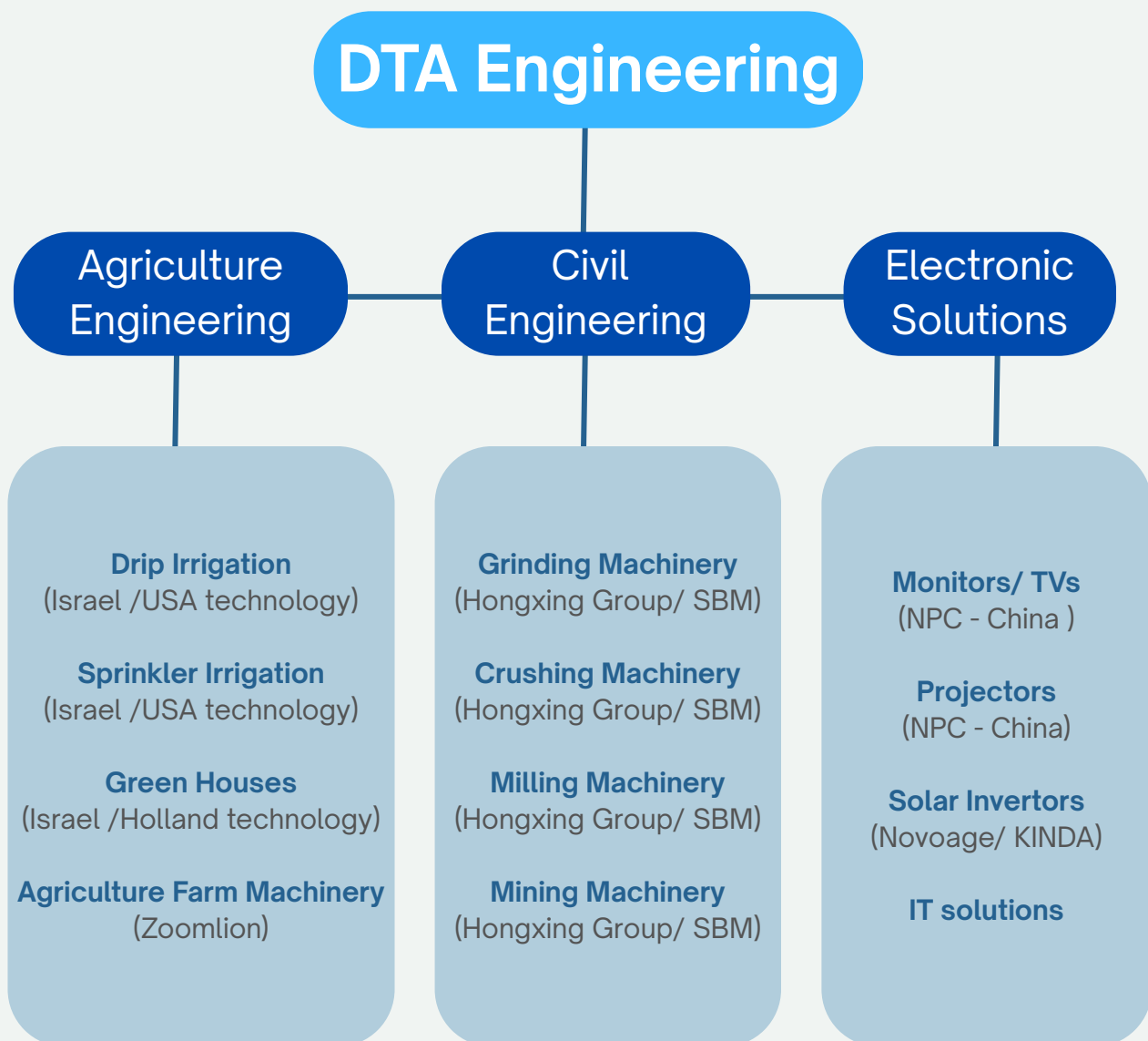
We are in the industry of service and know that our primary focus on offering the very best levels of support is what sets us apart from our competitors.

Partnership

We try to find common ground in all our interactions, as we all like to work with people that we can relate to.



Our Structure



Our Core Services



Industrial, Road Construction and Mining

We deliver tailored solutions in Industrial, Road Construction, and Mining, from surveys to custom machinery design, import, and installation. Our commitment extends to proactive after-sales support, ensuring seamless operations and effective problem-solving for clients.



Drip & Sprinkler Irrigation Systems

We offer complete irrigation solutions, from site surveys to system design, installation, and agronomic support. Using advanced technology, we provide automated irrigation with mobile control and reliable after-sales service to maximize agricultural productivity.



Greenhouse Automation & Smart Farming

We provide end-to-end greenhouse solutions, from site selection to structure installation, climate control, precision irrigation, and crop management support. With quality inputs and market access assistance, we ensure efficiency, profitability, and sustainability for growers.



Water Treatment And Purification

We provide tailored water treatment solutions, from supply and precise installation to ongoing maintenance. Our expert team ensures efficient integration of advanced purification systems, delivering reliable and sustainable water solutions for diverse quality needs.



Commercial Landscaping and Home Gardening

We create breathtaking landscapes for homes and businesses, blending artistic design with advanced Israel/USA irrigation. Our automated systems ensure lush, vibrant spaces that thrive effortlessly, delivering sustainable beauty with minimal maintenance and maximum visual impact.

Our Projects

Industrial & Mining Engineering Projects



Crusher & Grinding Projects

With strong experience in Crusher & Grinding projects, we provide efficient and reliable solutions for material processing in mining and industrial applications. Our expertise includes designing, optimizing, and maintaining crushing and grinding systems to enhance productivity, reduce downtime, and improve operational efficiency.



Mining & Machinery Projects

We deliver expert solutions for Mining & Machinery projects, specializing in the design, installation, and maintenance of heavy-duty mining equipment. Our projects focus on enhancing operational efficiency, safety, and reliability, ensuring optimal performance for mining and industrial applications.



Water Treatment Projects

We offer specialized water supply, dust suppression, and rehabilitation solutions for the mining industry across Australia. With expertise in working with Queensland Coal Mining, we provide advanced sprinklers, dripper lines, and heap leaching solutions for efficient mining operations and rehabilitation projects.

Our Projects

Irrigation Projects

Drip Irrigation Projects

DTA Engineering brings 25 years of expertise in drip irrigation, completing projects in Sri Lanka, Australia, and the Maldives. We excel in precision design, supply, installation, and after-sales support. Offering cost-effective, high-quality systems from Israel and the USA, we ensure optimal irrigation for diverse crops and landscapes.



Sprinkler Irrigation Projects

We specialize in designing efficient sprinkler irrigation systems that mimic natural rainfall. Our cost-effective, well-designed solutions support various crops, including ornamental plants, nurseries, vegetables, greenhouses, and dust suppression projects across Australia and worldwide.



Greenhouse projects

With 20+ years of expertise in greenhouse construction, we've completed 100+ projects in Sri Lanka and Australia. Partnering with global suppliers, we deliver turnkey, fully automated greenhouse solutions for high-value crops, nurseries, and aquatic plants.



Our Projects

Commercial Landscaping

DTA Engineering specializes in complete landscape projects with advanced Israel/USA irrigation systems. We have completed major resort landscapes in the Maldives and 200+ projects across NSW, VIC, and Sri Lanka, enhancing homes, offices, hotels, and parks.



Our Products

Industrial Machinery

Mobile Crushers



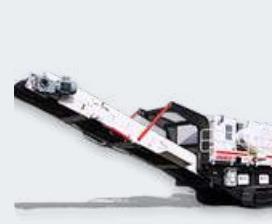
Mobile
Crusher Plants



Mobile Crushing
Stations



Wheel Mobile
Screening Stations



Crawler Mobile
Crushers



Mobile Jaw
Crushers



Mobile Impact
Crushers



Cone Crusher
Stations



Modular Crushing
Stations



Modular
Factories



Jaw Crusher
Stations



Wheeled Mobile
Crushers



Mobile Screening
Stations

Our Products

Industrial Machinery

Crushing Equipment



Jaw Crushers



German Type
Jaw Crushers



Hydraulic Jaw
Crushers



Cone Crushers



Multiple Cylinder
Hydraulic Cone
Crushers



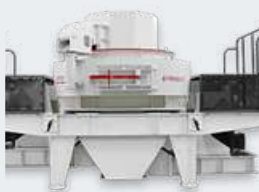
Impact
Crushers



Heavy Hammer
Crushers



Hammer Crushers



Sand Making
Machines



Stone Crushing
Machines



Quarry
Machines



Gyratory Crushers

Our Products

Industrial Machinery

Sand Making Equipment



Dry Sand and
Gravel Making
Towers



Vertical Shaft
Impact Sand
Making Machines



Sand Washing and
Recycling Machines



Double Spiral
Sand Washer



Sand Making
Machines



Tertiary Impact
Crushers



Hydraulic Roll
Crushers



Wheel Type Sand
Washers

Engineering Mixing Equipment



Floor Type Mortar
Mixing Equipment



Stepped Mortar
Mixing Equipment



Tower Type Mortar
Mixing Equipment

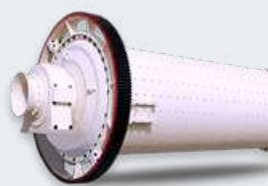


Binary Dry Mixed
Mortar Mixing
Equipment

Our Products

Industrial Machinery

Ore Processing Equipment



Ball Mills



Slag Mills



Rod Mill Type Sand
Making Machines



Rod Mills



Shaking Tables



Spiral
Classifiers



Spiral Separator



High Frequency
Screens



High Efficiency
Concentrators



Agitating Tanks



Flotation
Machines



Magnetic
Separators

Our Products

Industrial Machinery

Power Grinding Equipment



Coal Mills



Powder Grinding Mills



Raw Material Mills



Vertical Grinding Mills



Raymond Mills



Superfine Grinding Mills



Micro Powder Grinding Mills



High Strength Grinding Mills



Ultra-fine Vertical Grinding Mills



Three-Ring Medium Speed Micro Powder Mills



German Version Intelligent Grinding Mills



Micro Powder Ring Roller Mills

Our Products

Industrial Machinery

Dryer Equipment



Sand Dryers



Coal Dryers



Silica Sand Dryers



Ore Rotary Dryers



Limestone Dryers



Sludge Dryers



Slag Dryers



Gypsum Dryers

Building Material Equipment



Lime Kilns



Disk Granulators



Drum Dryers



Rotary Coolers

Our Products

Industrial Machinery

Screens, Separators, Conveyors



Permanent
Magnetic
Rollers



High Efficiency
Concentrators



Drum Screens



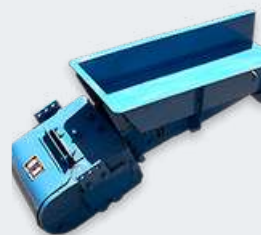
High Frequency
Screens



Spiral
Separators



Spiral
Classifiers



Electric-Magnetic
Vibrating Feeders



Bucket Elevators



Permanent Magnet
Self-Discharging
Iron Removers



Belt
Conveyers



Vibrating
Screens



Suspension
Permanent Magnet
Iron Removers

Our Products

Agriculture Industry Products

Water Pumps



Pressure Pumps



Electric Pressure control pumps



Basic Electric Pumps



Submersible pumps



Bore Pumps



Dosing Pumps



Fire Pumps

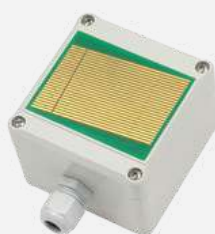


Transfer Pumps

Control Systems



Battery Operated Timers



Rain Sensors



Wired Controllers



Wireless Controllers

Our Products

Agriculture Industry Products

Drip & Micro Irrigation



Drip Lines



On-line
drippers



Drip tapes



Family Drip
Systems

Filters



Irrigation Water
Filters



Drinking Water
Filters



Pool Water Filters



Water
Conditioners

Industrial Equipment



Pressure Cleaners



Oil Water Separators



Generators

Our Products

Agriculture Industry Products

Sprinklers



Pop Up Sprinklers



Rain Guns



Impact Sprinklers



Wobbler
Sprinklers

Pipe & Hose Fittings



Metric Poly
Fittings



LDPE Fittings



PVC Fittings



Camlock Fittings

Pipes & Hoses



Metric Poly Pipes



LDPE Pipes



PVC Pipes



Industrial Hoses

Our Products

Agriculture Industry Products

Pool Products



Pool Pumps



Heating Instrument



Pool Filtration
Units



Pool Spares and
Accessories

Valves



Ball Valves



Gate Valves



Solenoid Valves

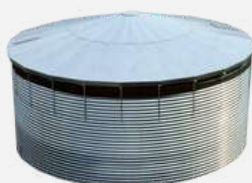


Air Valves /
Vacuum Valves

Water Tanks



Poly Water Tanks



Steel Water Tanks



Tank Accessories

Our Products

Agriculture Industry Products

SMART Soil & Irrigation Monitoring



SoluSAMPLER
Soil Water Extractors



Wireless Data
Loggers



IrriMAX™ Live –
Irrigation Monitoring
Software



Drill & Drop™
Bluetooth Soil
Probes

Power & Control Systems



Compact
Inverters



Industrial Grade
Inverters



Constant Pressure
Water Supply
Inverters



PC Water Pump
Controllers

Water Meters



Mag Flow Meters



Turbo Water
Meters



Irrigation Water
Meters



Mechanical Water
Meters

Our Products

Pumps



Single-Suction
Multistage
Segmental
Centrifugal Pump



Petrochemical
products
pump



Vertical Long
Shaft Pumps



Booster Pumps



Industrial Pumps



Medium and
Large Submersible
Sewage Pumps



Single Stage
Double Suction
Centrifugal Pumps



Submersible
Pumps



Pressure Booster
Systems



Engine Pumps



Vertical In-line
Pumps



End Suction Pumps

Our Products

Agriculture Machinery

Tillage Machinery



Paddy Field
Tractors



Compact Utility
Tractors



Standard Farm
Tractors



Heavy-Duty
Tractors



Multi-Purpose
Tractors



High Performance
Tractors

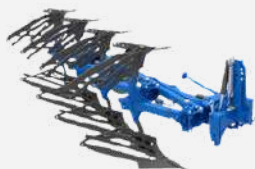


Crawler Tractors



Crawler Rotary
Tiller

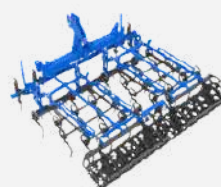
Soil Preparation Equipment



Primary Tillage
Implements



Power Harrows



Secondary Tillage
Implements

Our Products

Agriculture Machinery

Harvesters



Small Crawler
Rice Harvesters



Medium Crawler
Rice Harvesters



High-Capacity
Rice Harvesters



Multi-Crop
Harvesters



Sugarcane
Harvesters

Transplanters



Throwing
Planters



Rice Seedling
Machinery

Our Products

Agriculture Machinery

Bailers



Round Bailers



Square Bailers



Crawler Self-Propelled Bailers

Dryers



Grain Dryers



Tower Dryers



Crawler Tractors



Rice Husk Suspension Furnaces

Our Products

Electronic Products

Projectors



M3 – StreamBeam
Projector for Effortless
Entertainment



M3 Pro – ProVision
Projector with AI
Automation



M3 MAX – UltraBright
Projector with
Enhanced
Performance

Monitors



IPS
Monitors



Gaming
Monitors



VA
Monitors



Curved
Monitors

Featured Projects



Jaw and Cone Crusher Project –
Western Australia

Sand Manufacturing line
Project – Western Australia



Water Supply, Dust Suppression,
and Rehabilitation Solutions at NSW,
Australia

Greenhouse and Drip
Irrigation Integration – NSW,
Australia



Integrated Drip Irrigation and
Greenhouse Systems for Iceberg
Lettuce Facility

Comprehensive Landscape
Irrigation Design and
Implementation – Maldives



Our Partners

ZOOMLION



Kinda



VMTCNC



NOVOAGE





DTA ENGINEERING

**"Trust us with your project,
and we'll deliver with
excellence."**

Visit Us

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Product Catalog



Website