



DTA ENGINEERING

"Towards Excellence in High-Tech"

Company Profile 2025

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 FM World – Jiangsu World Agricultural Machinery Co. Ltd, 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.



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

DTA Engineering

Agriculture Engineering

Drip Irrigation
(Israel /USA technology)

Sprinkler Irrigation
(Israel /USA technology)

Green Houses
(Israel /Holland technology)

Agriculture Farm Machinery
(FM world - China)

Civil Engineering

Grinding Machinery
(Hongxing Group - China)

Crushing Machinery
(Hongxing Group - China)

Milling Machinery
(Hongxing Group - China)

Mining Machinery
(Hongxing Group - China)

Electronic Solutions

Monitors/ TVs
(NPC - China)

Projectors
(NPC - China)

IT Solutions
(Silentium IT - Australia)

Solar Invertors
(Novoage)

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.

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.

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.



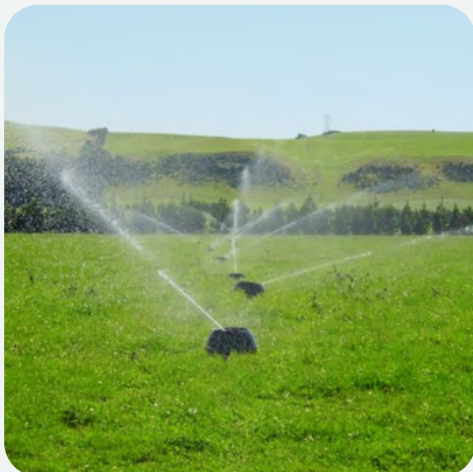
Greenhouse projects

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.



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

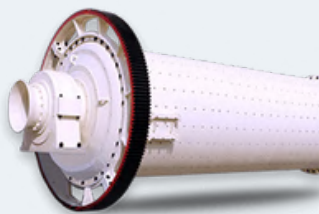


Mobile Screening
Stations

Our Products

Industrial Machinery

Grinding & Processing Equipment



Ball Mills



Ceramic Ball Mills



Rod Mill Type Sand Making Machines



Rod Mills



Raymond Mills



Superfine Grinding Mills



Micro Powder Grinding Mills



High Strength Grinding Mills



Coolers



Ore Processing Plants



Flotation Machines



Magnetic Separators

Our Products

Industrial Machinery

Screens, Separators, Conveyors



Permanent
Magnetic Rollers



High Efficiency
Concentrators



Drum Screens



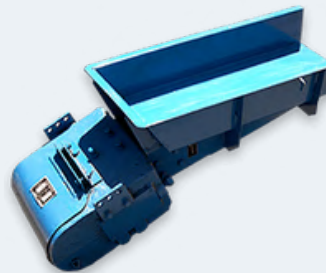
High Frequency
Screens



Spiral Separators



Spiral
Classifiers



Electric-Magnetic
Vibrating Feeders



Bucket Elevators



Permanent Magnet
Self-Discharging
Iron Removers



Belt Conveyers



Vibrating
Screens

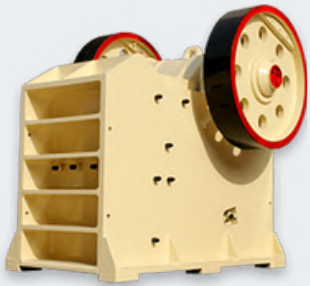


Suspension
Permanent Magnet
Iron Removers

Our Products

Industrial Machinery

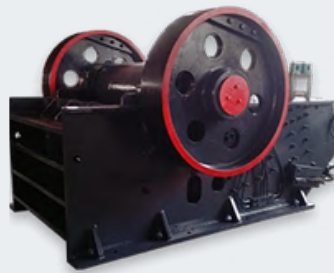
Crushing Equipment



Jaw Crushers



German Type
Jaw Crushers



Hydraulic Jaw
Crushers



Cone Crushers



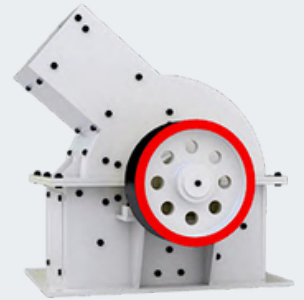
Multiple Cylinder
Hydraulic Cone
Crushers



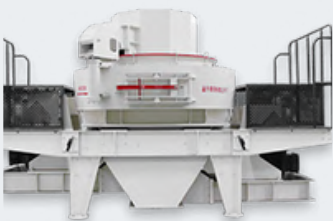
Impact
Crushers



Heavy Hammer
Crushers



Hammer Crushers



Sand Making
Machines



Stone Crushing
Machines



Quarry
Machines



Gyratory Crushers

Our Products

Agriculture Industry Products

Water Pumps



Pressure Pumps



Electric Pressure control pumps



Basic Electric Pumps



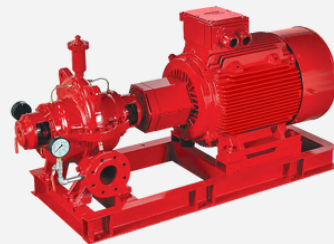
Submersible pumps



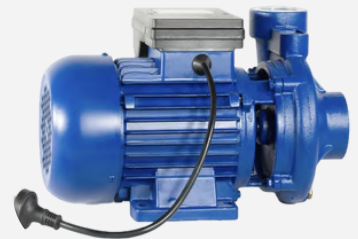
Bore Pumps



Dosing Pumps



Fire Pumps

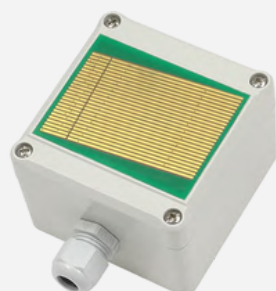


Transfer Pumps

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

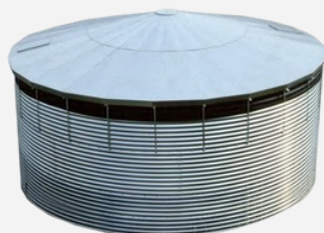


Air Valves /
Vacuum Valves

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

Agriculture Machinery

Tillage Machinery



Paddy Field Tractors



Compact Utility Tractors



Standard Farm Tractors



Heavy-Duty Tractors



Multi-Purpose Tractors



High Performance Tractors



Crawler Tractors



Rotary Tiller Crawlers

Transplanters



Riding Rice Transplanters



Walk Behind Type Transplanters



Throwing Planters



Rice Seedling Machinery

Agriculture Machinery

Harvesters



Compact Rice
Harvesters



Grain Tank Rice
Harvesters



Multi-Crop
Harvesters



Wheat
Harvesters



Corn Harvesters



Sugarcane
Harvesters



Palm Fruit Pickers



Double Thresher
Harvesters

Sprayers



Boom Sprayers



Drone Sprayers

Our Products

Agriculture Machinery

Bailers



Rectangular
Bailers



Round Bailers



Square Bailers



Crawler Self-
Propelled Bailers

Dryers



Grain Dryers



Tower Dryers



Crawler Tractors



Rice Husk
Suspension
Furnaces

Haymaking Machinery



Rake Machines



Tedders



Lawn Mowers

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

Our Partners





DTA ENGINEERING

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

Call Us

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dtaengineering.com.au