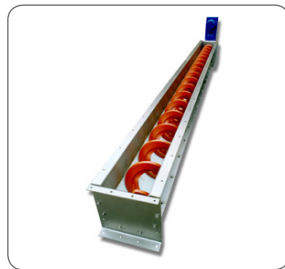


PRODUCTS & SERVICES OVERVIEW



Dust
Collectors



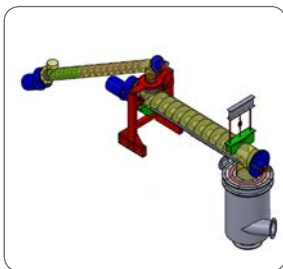
Screw
Conveyors



Belt
Conveyors



Bulk Material
Handling



Weighing
Equipment



Vibration &
Fluidisation
Equipment



Valves



Technical
Services

INTRODUCTION	3
INDUSTRY SECTORS	4
DUST COLLECTION & FILTERS	
Dust Collectors	5
Modquip Tehno-Filter	6
SCREW CONVEYORS	
Screw Conveyors	7
Separation	8
VALVES & FLOW CONTROL	
Valves	9
Flow Control	10
Fluidisation	11
VIBRATION EQUIPMENT & ACTUATORS	
Electric Vibrators	12
Pneumatic Vibrators & Hammers	13
Actuators	14
METERING & FEEDERS	
Metering & Feeding	15
BULK MATERIAL HANDLING	
Storage Silos	16
Mixers, Blenders & Agglomerators	18
Bulk Materials Discharge	19
WEIGHING EQUIPMENT	
Weighing Systems	20

WASTE WATER TREATMENT	
Waste Water Treatment	21
AIRFLOW MANAGEMENT	
Dust Suppression	22
Fan Systems	23
CONVEYORS	
Belting & Repair	24
Belt Skirting	25
Conveyor Tracking	26
Conveyor Rollers & Pulleys	27
Transfer Supports	28
Anti-Wear Materials	29
Safety & Equip Protection Devices	30
BULK HANDLING SOLUTIONS	
Bulk Handling Solutions	31
SPECIALISED CONVEYORS	
Modquip Conveyor System	32
Gravity Conveyor & Rollers	34
TECHNICAL SERVICES	
Design, Installation & Service	36
Project Management	37
Complete Power Transmission	38
3D Modelling & Design	39
Standard Services	40
Advanced Services	41
CONTACT US	42

Inquip - supplier of market leading products & technical engineering services for Bulk Materials Handling.

Inquip is the bulk materials handling and technical services provider division in our group of companies which also includes Chain & Drives, a leader in power transmission and Techquip, are technical services specialists.

Our team are trained in all aspects of bulk materials handling and power transmission products and services. We have the support and expertise from market leading manufacturers across the globe. We provide our products and services throughout Australasia.

Design

Our engineering team are proficient in the use of cutting edge drawing software, utilising AutoCAD and SolidWorks in the production of full 3D virtual space modelling and simulation, enabling prompt and accurate project installation and future servicing.

Supply

From our Group of companies, we are able to supply a large range of our products from stock. We represent various brands from around the world such as WAM, OLI, Kinder, Sumitomo, Motovario, WEG, Lafert, Transtechno, Bosch Rexroth, AEG, PIX and Damon; our association with many power transmission and bulk materials handling manufacturers allow us to provide the most competitive price possible.

Installation

Once your design is complete and equipment procured, our Techquip Division can provide installation services to complete your project. Some of our value added services include project estimating, costing, scheduling, resource management and equipment hire; meeting

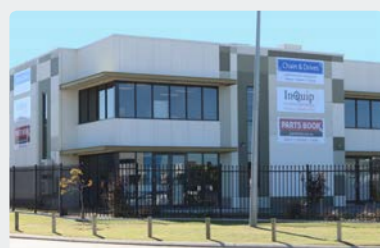
our client's confidence in completing their project's unique requirements. After installation we also provide full commissioning of equipment and supplied systems.

Maintenance

Inquip can provide full and ongoing maintenance services for all your plant and equipment, including gearboxes, motors, drive controls, conveyor components, head drums, replacement skirting and belting, dust collectors and drive assemblies. Effective servicing and maintenance can be the difference between reliable, efficient equipment and one plagued with continuing problems, costing you time and money.

We offer ongoing maintenance plans that allow you to be assured your equipment will be able to operate at its peak performance and efficiency.

Techquip also offers after hours and breakdown assistance if required.



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Inquip supplies complete Bulk Material and Dust Handling products and services.

Our team has many years experience in all industry sectors across Australasia.

Our knowledge and specialised product development provides you with a level of service and proven results that you can rely on to achieve greater productivity and results.

Our partnership with clients and suppliers across these sectors allow us to share a wide range of knowledge gained from industry experiences.

- » ANIMAL FEED MILLING EQUIPMENT
- » ASPHALT MIXING PLANT EQUIPMENT
- » BIOMASS AND BIOGAS DIGESTATE TREATMENT EQUIPMENT
- » EQUIPMENT FOR HANDLING OF BIOMASS FOR COMBUSTION
- » BISCUIT PROCESSING PLANT EQUIPMENT
- » CEMENT, LIME, GYPSUM & MINERALS PROCESSING EQUIPMENT
- » CONCRETE PRODUCTION PLANT EQUIPMENT
- » CRUSHING, SCREENING AND MICRONIZING PLANT EQUIPMENT FOR QUARRIES AND THE MINING INDUSTRY
- » DRYMIX BUILDING MATERIALS PROCESSING PLANT EQUIPMENT
- » FLOUR MILLING EQUIPMENT

- » GLASS PROCESSING EQUIPMENT
- » HYDROENERGY GENERATION EQUIPMENT
- » LIME DOSING EQUIPMENT
- » LIVESTOCK BREEDING
- » OIL & GAS EXTRACTION PLANT EQUIPMENT
- » PASTA PROCESSING PLANT EQUIPMENT
- » PLASTICS PROCESSING PLANT EQUIPMENT
- » SAND & SHOT BLASTING PLANT EQUIPMENT
- » SHEET METAL CUTTING MACHINE ACCESSORY EQUIPMENT
- » SUGAR PROCESSING PLANT EQUIPMENT
- » SPECIALISED SECTOR PRODUCT DESIGN & DEVELOPMENT
- » WASTE WATER TREATMENT PLANT

Inquip supplies the market leading WAM range of dust collectors.

Inquip provide a tailored economic solution to dust collection issues. The WAM range of dust collectors allows for individual sizing of collectors for machinery, hopper, conveyor, silo or pneumatic dust capture. Coupled to application based shrouding and ducting, Inquip can prepare a cost effective installation which performs with a minimum of power consumption and running costs.



Dry-Batch



HOPPERJET Venting Filters



HOPPERTOP Venting Filters



Horizontal



Vertical



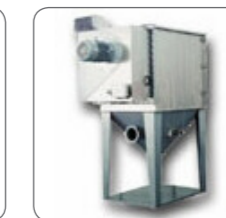
SILOTOP



Vent Top



VHS Pressure Relief



With Hopper



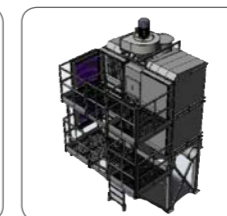
WAMFLO



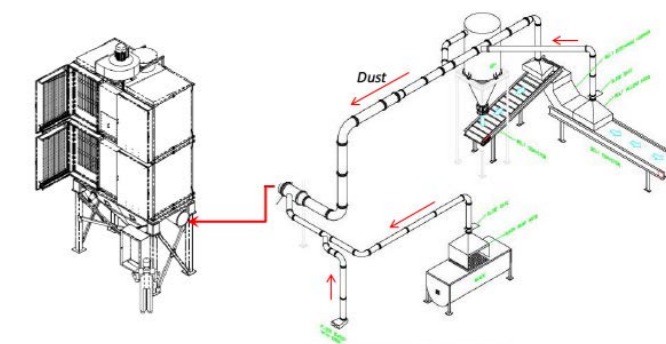
Insertable



WAMFLO Front



WAMAIR Modula



Inquip supply the market leading Modquip Tehno- Filter products for bulk material handling. Tehno- Filter's core business is the design, manufacture and installation of aspiration systems in various industries. Focusing on the production of industrial ventilation, aspiration and fans.



Shaftless Screw



Hopper Screw Feeder



Trough Screw Conveyor



ST.ST Conveyor



Custom Design & Manufactured

Inquip supplies the market leading range of WAM screw conveyors.

As the world's largest manufacturer of screw conveyors, WAM Group equipment is used to transfer more product at any one time than any other company. Options include: trough type screw conveyors, to fully enclosed tubular screws, shaftless screws, vertical screws, bio mass screws and a variety of product specific screw conveyors such as the prolific WAM ES cement screw conveyor. The modular design of WAM equipment is such that screw conveyors are very competitive, and spare components are readily available. As WAM have manufactured screw conveyors since 1969, there is not an application we have not seen, any selection of equipment can be made with complete confidence.



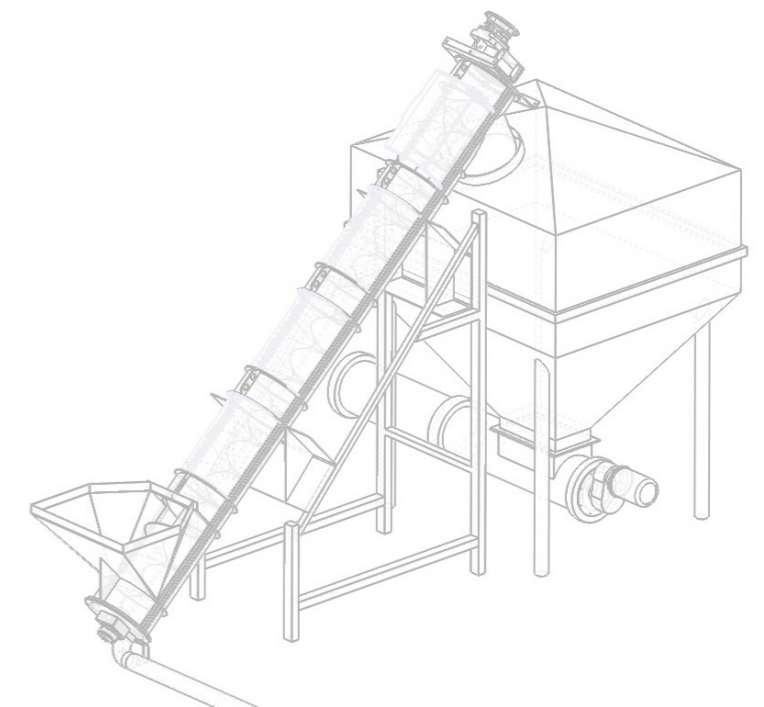
ES-Cement Screw



Heavy Duty TP TE



VE Vertical Screw



Inquip supplies the market leading range of WAM separation products.

With the combination of 40 years experience in screw conveyor manufacture, and an in-house polymer division, WAM Group have developed a range of solid / liquid separation equipment which can be utilised in Waste Water and Municipal Treatment, Mining, Industrial and Agricultural Effluent Treatment. Where process or waste water is to be removed from sludge or slurry to improve handling capabilities and recycle waste, the WAM Group – SPECO Division will have an equipment selection to handle the most arduous of applications.



Grit Classifiers



Wet Dust Conditioner



Screw Screen



Screw Compactor



Waste Master



Grit Separators



Concrete Separator



Verti Sludge



Screw Pulp Separator



SPECO Separators



Custom Design & Manufactured

Inquip supplies the market leading range of WAM valve solutions.

With particular expertise for dry powder, dust and granule product, WAM's range of valves offer equipment selection to cater for almost any process. From standard butterfly, diverter and slidegate valves, through to rotary and specialised blow through pneumatic rotary valves, and pneumatic diverter valves. All equipment comes with options for manual, pneumatic, electro pneumatic and electric motor driven actuators, with feedback sensors for process confirmation. Inquip can tailor transfer points and transitions to accommodate any existing application, and provide plant with off the shelf equipment and spares.



Butterfly Valve



Pneumatic Diverter



Diverter Valve



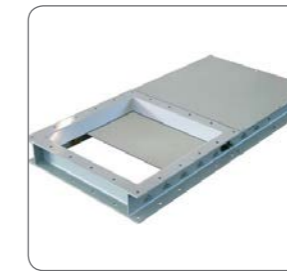
Blow Through Rotary Valve



Slide Valve



Torex Rotary Valve



Slide Gate Valve



Silo Shut-Off Butterfly Valves



Inquip supplies the market leading range of WAM flow control products.

Materials handling situations are often a compromise between space, shape and product flow capabilities. Often materials handling installations are expected to handle a product they were not initially designed for, causing product hang ups, bridging and rat holing to name a few. With the combined resources of WAM and OLI equipment, Inquip can provide a range of pneumatic vibration or hammer solutions to free up even the most stubborn flow control issues.



Retrofit Vibrating Bin Aerators



Combined Hammer Blasts



Rotary Level Indicators



Electronic Pressure Meter



Vibrating Level Limit Switch

Contact Us for all your Flow Control Products

INQUIP
BULK MATERIAL & DUST HANDLING
PRODUCT > DENSITY > FLOW

AERATORS
Vibro-Aerators: VB
General purpose dry powders. Fluid and chemical compatibility. The fastest loadout speed.

AIR JET
Air Cannons: GUNJET PG
Irregular shapes and fibrous light materials. Compact design. The fastest loadout speed.

LINEAR PNEUMATIC VIBRATORS
Single Impact: MARISHOCK PS
General purpose dry and wet powders. Integrated stainless valve.

ROTARY PNEUMATIC VIBRATORS
Turbine: OT
Roller: OR
Ball: S

HYDRAULIC VIBRATORS
Hydraulic: MVO
Hygroscopic, wet, sticky powders and granular materials. High force and performance, continuous duty robust and safe. Easy to install. Compact design.

Aeration Pads: I100
Common, time. Low air consumption, create fluid bed, suitable for remitting. Original mounting air.

Aeration Nozzles: U
Common, time. Low air consumption, create fluid bed, suitable for remitting.

Combined Hammer Blasts: PICJET PJ
The best for dry fine powders. Unique design.

Continuous Impact: P
Hygroscopic, sticky and humid powders. High temperature.

Cushioned: K
Hygroscopic, sticky powders and granular materials. Clean, silent.

Adjustable Cushioned: F
Food environment. Oil-free. High performance.

Hygroscopic, sticky powders and granular materials. High temperature. High performance. Low air consumption.

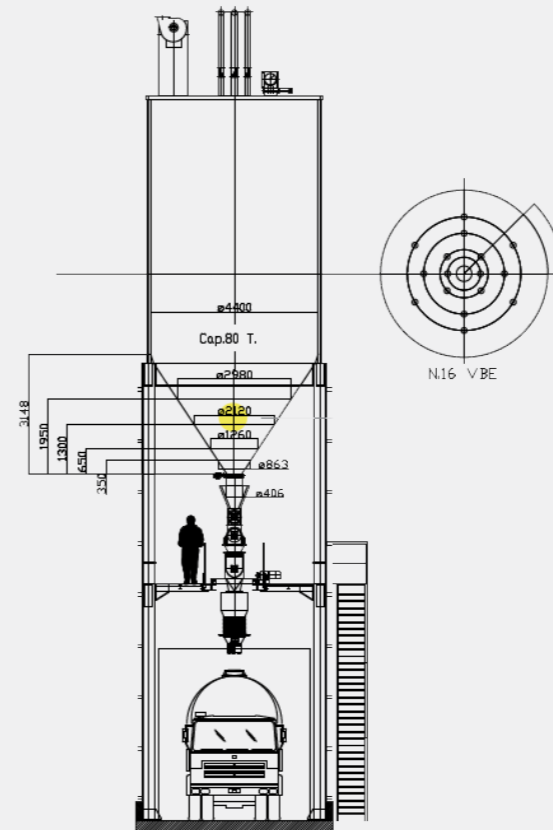
Dry powders and granular materials. Generic use.

Maintenance-free, Anodized aluminum body. High performance. Low air consumption.

Inquip Pty Ltd | www.inquip.com.au | info@inquip.com.au | 1800 6314 1100

Inquip supplies the OLI Vibrator's range of fluidisation products.

Many industrial processes require vibration in some form to assist with propagation of product flow. As part of the WAM Group of companies, OLI manufacture a diverse range of fluidisation products.



1100 Fluidisation Pads



U025 Fluidisation Nozzles



U060 Fluidisation Nozzles



VB- Type Vibrating Bin Aerators

Inquip supplies the OLI Vibrator's range of vibrators.

Many industrial processes require vibration in some form to assist with propagation of product flow. As part of the WAM Group of companies, OLI manufacture a diverse range of vibrating equipment from electric, pneumatic rotary and pneumatic piston vibrators. To cater for the concrete products industry, the range also includes high frequency immersion vibrators or "pokers" for use in moulds and form work.



MVE-Type Electric External Motor Vibrator



Flanged MotoVibrators



Flexible Shaft Internal Vibrators with Direct Motor Connection



External Electric Micro-Vibrator



MVE Extended Vibrator



MVO Hydraulic Vibrator



MVE-DC Electric External Motor



MVE-D Electric External Explosion-Proof Motor



MARTSHOCK Single Impact Pneumatic Hammers



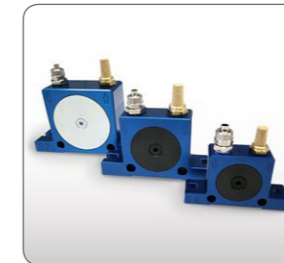
PICJET Combined Hammers Blasters



K-Type Pneumatic Linear Vibrators with internal Piston



F-Type Pneumatic Piston Vibrator



Rotary Ball Vibrators - S-Type



OR-Type Pneumatic Roller Vibrators



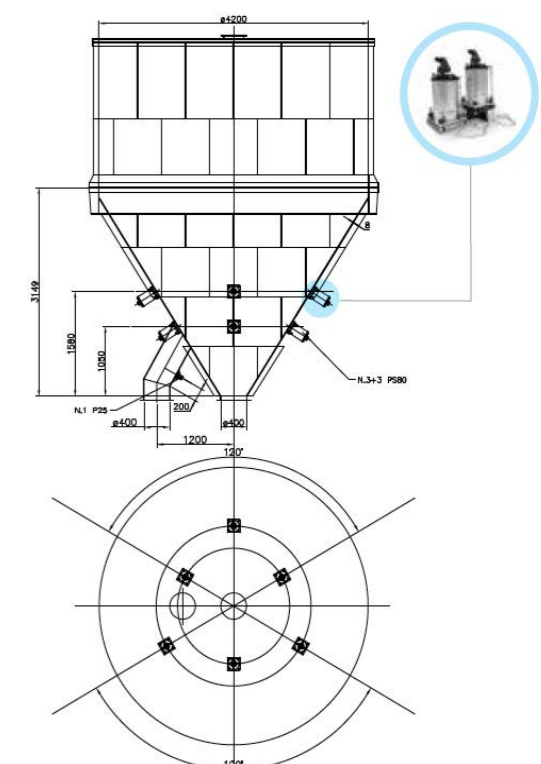
OT-Type Pneumatic Turbine Vibrators



P-Type Pneumatic Impact Vibrators



GUNJET Air Cannons



Inquip supply the market leading WAM range of actuators.
 Designed to suit the WAM range of valves, the actuators provide manual, electro mechanical, electro pneumatic and pneumatic motion. Each piece of equipment can be provided with signal feedback for control purposes.



Electro Pneumatic



Electro Pneumatic Piston



Manual Hand Wheel



Electric Motor Driver



Electric Motor Driver



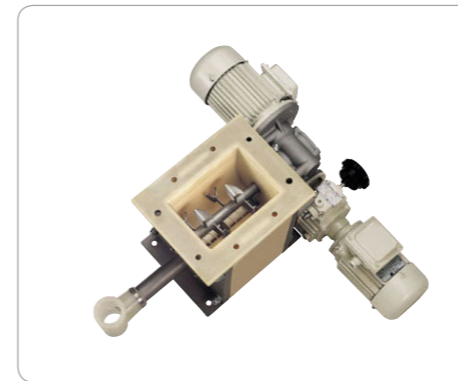
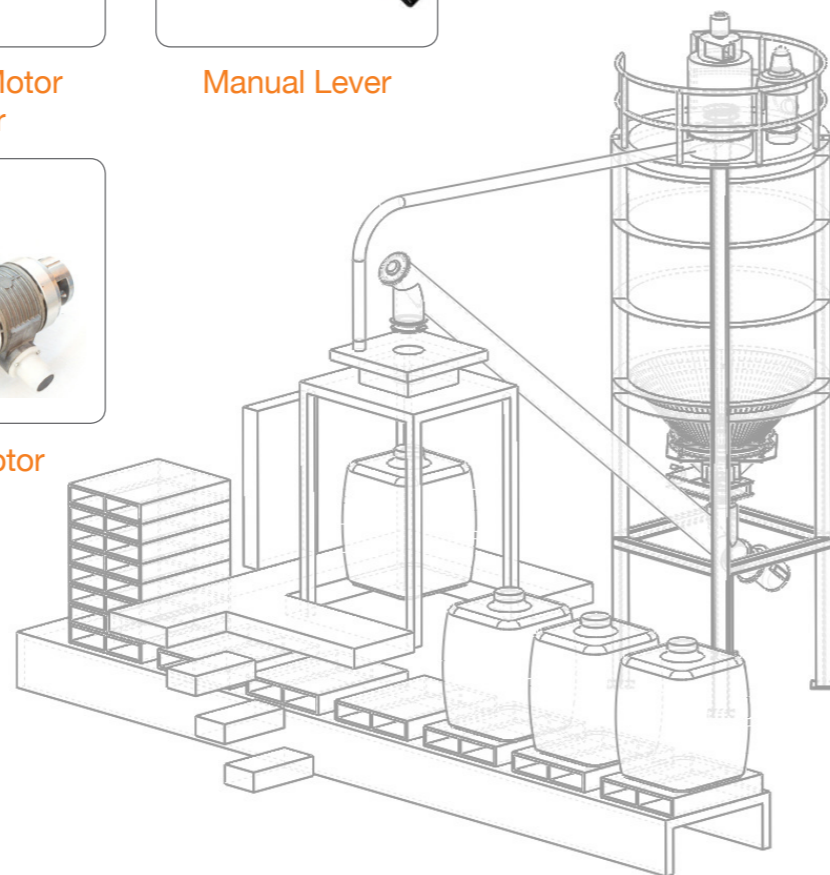
Manual Lever



Hand Wheel



Gear Motor



Micro Batch Feeder with Agitator

Inquip supplies the market leading range of WAM metering and feeding products.
 Many industrial processes require an accurate, consistent discharge of a particular product from a given vessel. As with all materials handling applications, selection of the most appropriate equipment relates to the product being discharged, the degree of accuracy required, and where in the process stream the equipment is to be located.
 At Inquip there are various equipment options using volumetric, weigh scale or loss in weight principles. As with all WAM equipment, products are designed with efficiency, longevity and dust control as primary objectives. Ask Inquip to review your application to determine the most appropriate equipment selection.



LAMBDA



Micro Batch Feeder



Loss in Weight Feeder



Weigh-Belt Feeder



Inquip supply the market leading Silofab range of silos for bulk solids.

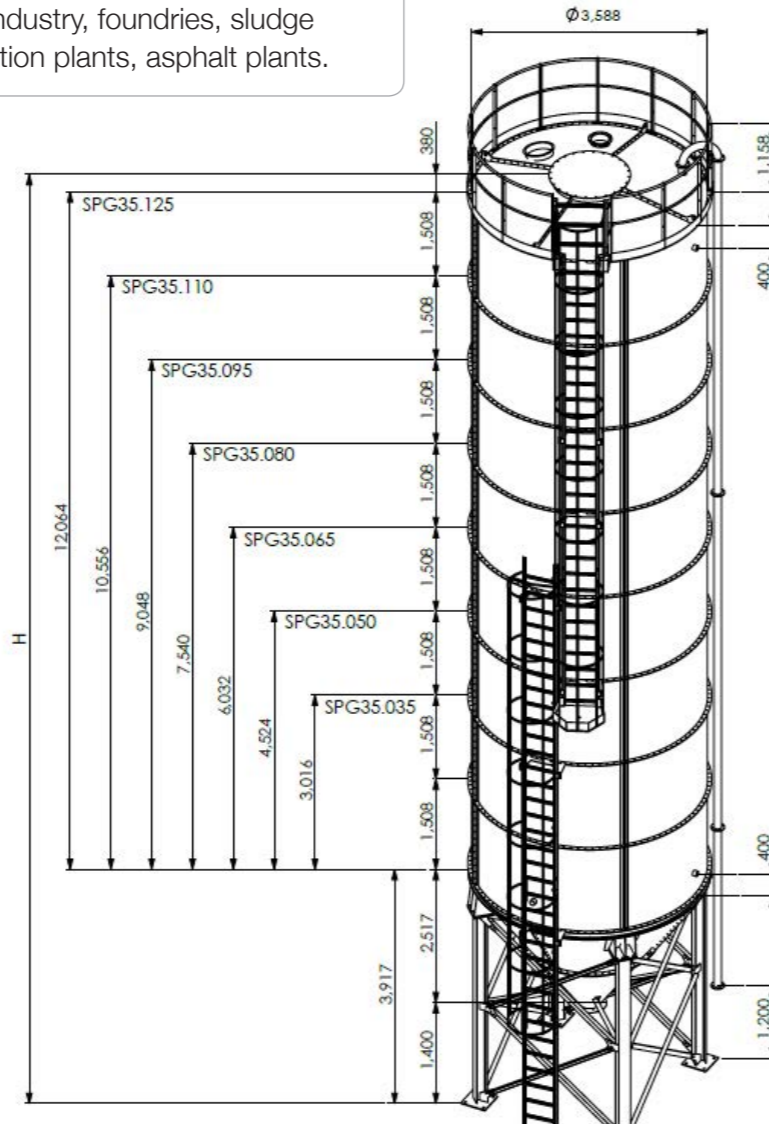
Material storage for: Ready-mix concrete production, premixed building materials, precast concrete industry, foundries, sludge treatment, cement mills, paint production plants, asphalt plants.

SPG 35

SPG 35 is a range of 3,500mm diameter silos made up of modular segments for on-site assembly.

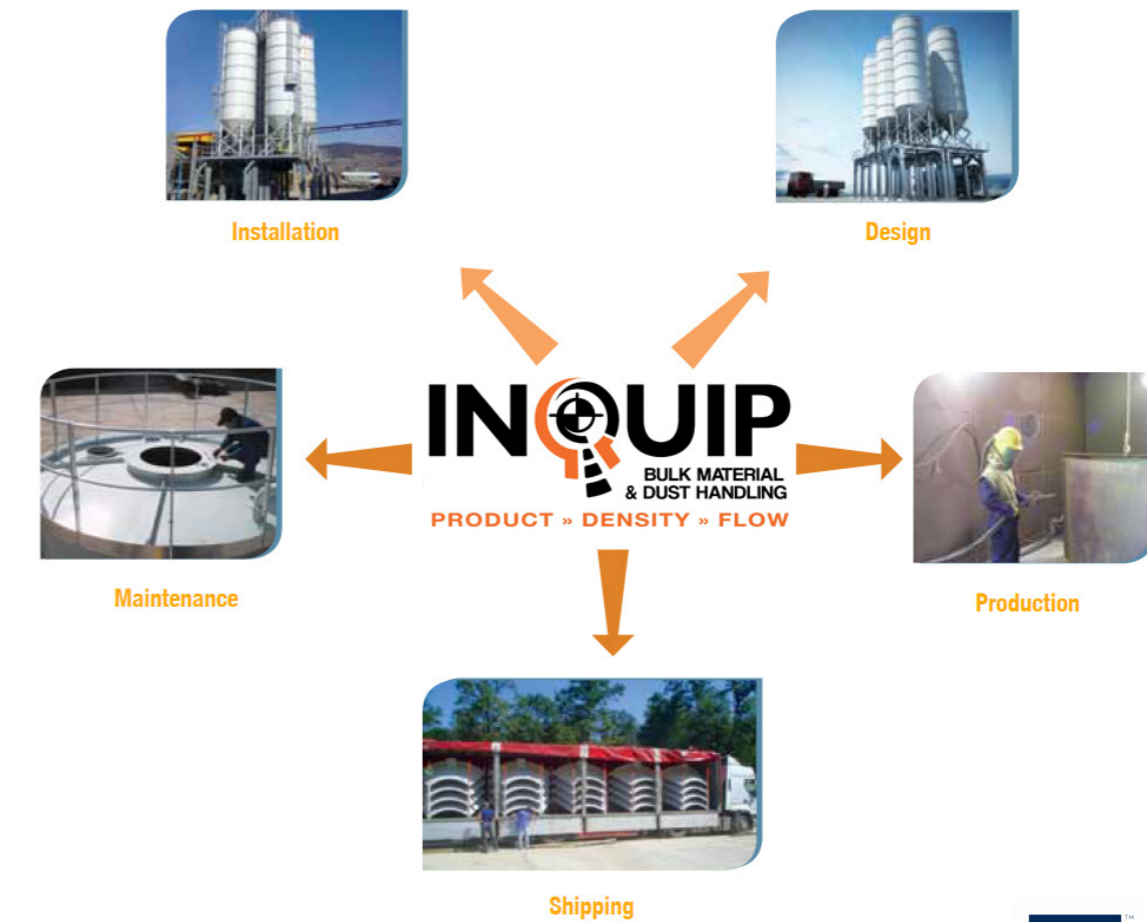
Designed for economic shipping, SPG 35 silos require short assembly time and minimum maintenance ensuring a significant costs reduction.

The SPG 35 series design complies with all relevant regulations in force regarding safe storage of any type of powdery or granular material used in storage and processing plants.



Type	Storage Capacity		Overall Dimensions		
	m ³	t (*)	H mm	Ferules number	Panels number
SPG35.035	35	50	7,313	2	4
SPG35.050	50	70	8,821	3	8
SPG35.065	65	90	10,329	4	12
SPG35.080	80	112	11,837	5	16
SPG35.095	95	135	13,345	6	20
SPG35.110	110	150	14,853	7	24
SPG35.125	125	170	16,361	8	32

- Silos designed and engineered according to the standards in force related to wind, snow, and seismic activities.
- Packaging designed to minimise shipping costs.
- Large variety of application layouts, scaffolding supply, flooring and lifting kit.
- Pre-equipped for several types of venting filters, discharge valves, cone aeration systems, level and pressure monitoring devices.
- Large number of items available from stock.
- Certified products provided with all necessary technical documentation.
- Modular system that simplifies shipping, installation and dismantling.
- International distribution and service network.
- Attractive price and delivery time.
- Carefully selected materials and industrial manufacturing processes result in a high-quality product in the tradition of artisan expertise.



Inquip supplies the market leading range of WAM mixer, blender and agglomerator products.

Creating a homogenous mix of differing products can be viewed in two distinct areas. Batch type or continuous type. Over many years WAM Group's Mixer Division (MAP) have manufactured a range of different mixers for both batch and continuous applications in a variety of different industries. This includes plough share mixers, ribbon blenders, single and twin paddle mixers, cone mixers, etc. Introducing polymer lining materials to the equipment has enabled WAM to produce cement and mortar mixers which do not clog up, and dust control agglomerators to eliminate dust issues during transfer, or to aid in the return of waste product to the main product flow.



Dust Conditioner



Clay Dust Conditioner



Cement/ Mortar Mixers



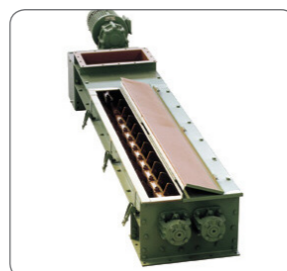
Ribbon Blender



Mini Mortar Mixers



Conical Screw Mixers



Twin Shaft Paddle Mixers



Plough Share Mixer

Inquip supply the market leading range of WAM material discharge products.

Product can be delivered to and from site in a variety of different vessels, from 18 and 25kg bags, to FIBCs, silos and pneumatic tankers. Each has their own difficulty, be it dust, clumping, loss of product, degradation or contamination. Inquip can review any materials handling application and provide a tailored solution to effectively remove or fill product into almost any vessel. The WAM range of discharge equipment includes manual bag splitters with inbuilt dust collectors, FIBC bag loaders, FIBC bag unloader, silo bin activators, automatic loading bellows (with / without inbuilt dust collectors).



Loading Bellow



Bag Filler



Manual Bag Openers



Lump Breakers



Automatic Bag Splitters



Bin Sweep



Manual Bag Emptiers



Bag Loading/ Unloader



Bin Activator

Inquip supply the market leading Weighing Systems and equipment for in-motion bulk materials.

We design, manufacture and service weighing equipment and complete weighing systems to meet industry bagging, blending, process control and stock management needs.

We are experts in weighing bulk materials in a broad range of industries including Mining, Quarries, Chemicals, Plastics, Recycling, Food and Grains industries.



Belt Weighers



Weigh Belt Conveyors



Weigh Feeders



Weigh Screw Conveyors & Feeders



Impact Weighers



Loss in Weight Systems



Net Weighers



In-Process Weighers



Gross Weighers



Semi Automated Bagging Lines



Robotic Palletiser



Fully Automated Bagging Lines



Bulk Bag Filling Stations



Automated Bulk Bag Filling Systems



Vessel Weighing



Weighing Indicators

Inquip supplies the WAM Group's range of waste water treatment and SPECO products.

WAM has four decades of experience and know-how in waste water treatment technology and machine design offering a wide range of products. As part of their product range for Mechanical Pre-Treatment of waste water, WAM Group offers a wide range of WASTEMASTER products for solids-liquid separation.



Archimedean Screw Pumps



Screw Screens



Drum Screens



Grit Classifiers



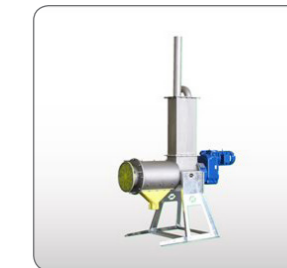
Compact Mechanical Pretreatment Plants



Screw Compactors



Aggregate Reclaimers for Concrete Plants



Screw Separators



Inquip supplies EMI's range of dust suppression system products. Many industrial processes require dust suppression. With a patented, internally placed nozzle head and turbine wind that protects the water spray against side wind, a very homogeneous water mist is created with an ideal droplet size for any requirement. EMI's range is a universal, powerful and environmentally-friendly solution to your dust suppression needs.

Inquip provides a large range of Fans. Inquip provides a tailored economic solution to cooling issues. The range of fans allows for individual sizing of fans for machinery. Inquip can prepare a cost effective installation which performs with a minimum of power consumption and running costs.



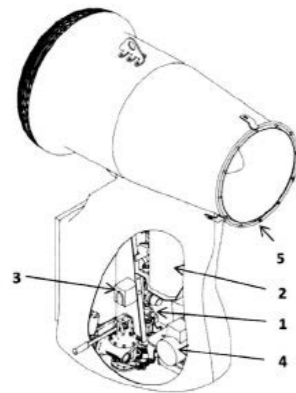
V7 Dust Control Turbine



V12 Dust Control Turbine



L3 Lance



DESIGN



SUPPLY



INSTALLATION



MAINTENANCE



Giant Fans



Filter Fans



Utility Air Circulators



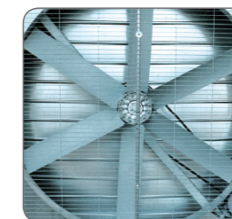
Air Circulators



Air Curtains



Transformer Fans



Side Wall Fans



Wall Plate Fans



Centrifugal Fan



Roof Fans



Portable Blower/Extractor



Axial Fans



Inquip supply the market leading Kinder range of belting and belt conveyor components.

Our conveyor belt offering includes a comprehensive range of rubber N and M grade, heat/oil/flame resistant, and anti-static. Our conveyor belting comes in the full range of sizes, PVC and nylon belts are available too.

Also available is the Cambelt / sidewall belting for complex / steep angle / high volume – low width applications. The fully vulcanised belts are made to order and manufactured in a 2500 ton press, guaranteed not to delaminate.

To compliment this wide range of belts, fastening and repair equipment is available to splice, maintain and repair all types of belting.

Contact Us for all your Belting & Repair Products

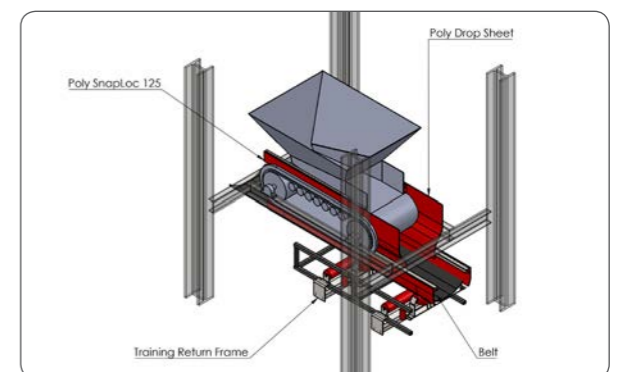


Inquip supply the market leading Kinder range of belt skirting materials.

For many conveyors the use of belt skirts can damage the surface of the belt, leading to premature belt failure. The use of unique belt skirt designs and materials has provided the conveyor industry with a method of containing dust and spillage, without causing belt wear and damage.

The Kinder – Superskirt is a polyurethane replacement to rubber skirting which, due to its low co-efficient friction and pliable moulded section, reduces pressure on the belt to maintain the seal. Also its non-stick nature does not allow product to build up between the skirt and the belt. Together this greatly reduces the damage caused by friction between the rubber belt and the rubber skirt. There are many cases where Superskirt has outlasted rubber skirting and allowed for greatly prolonged belt life.

There are also a number of methods of attaching the skirt to the conveyor to suit any application including the “Unistrut” – channel mounted skirt. Skirt designs including double lip and fold-n-seal arrangement provide complete dust containment when coupled with K-Sure Transfer Support.



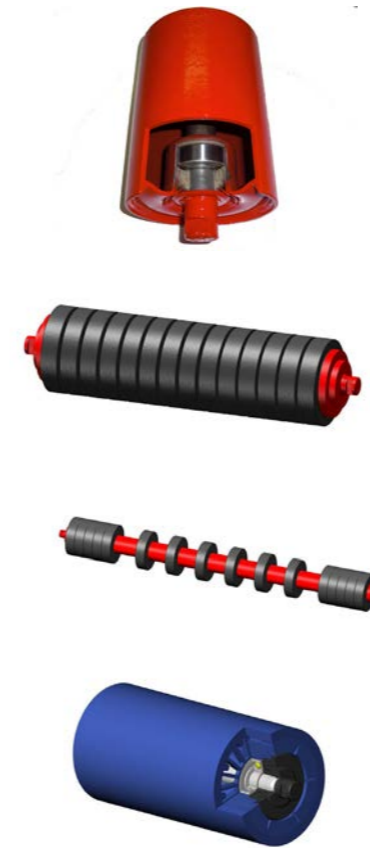


Inquip supply the market leading Kinder range of conveyor tracking and materials handling products.

Belt tracking can be an area of belt installation and maintenance which when overlooked can greatly reduce belt life and increase damage and equipment downtime.

Correct alignment of belts can be achieved by the use of centering rollers, belt edge trackers, Reverse-V alignment idlers, guide rollers and training idlers to direct the belt into a central path and keep it perfectly aligned.

Belt Drift Switches can be used as a total safety back-up to indicate when a belt has drifted. There are two switches for pre-warn signal and final over-drift signal. The IP66 housing is fitted with two microswitches and 316ST arm and roller for high speed applications.



Inquip supply the market leading Kinder range of conveyor rollers and materials handling products.

Options range from the traditional steel conveyor rollers and support frames (inline and offset), offering tensile strength and impact resistance for heavy applications and areas of high belt tension, to super lightweight non-stick polymer rollers with internal labyrinth seals for high wear and corrosion resistance.

The lightweight polymer rollers allow easy installation and greatly reduces the instance of product sticking to the roller. There are many applications that prove the polymer roller to outlast the conventional steel rollers.

A complimentary range of standard steel rollers and idlers, rubber disc idlers, impact rollers and flexi return idlers are available for a wide range of applications.

Head and tail drums, with shaft locks, made to order shafting, and bearing assemblies are available upon application.



Contact Us for all your Conveyor Rollers & Accessories

Inquip supply the market leading Kinder range of transfer supports and materials handling products.

For many conveyors, the critical section is the transfer point from feed equipment such as prior conveyor/ chute or hopper. If this section is not adequately protected, it can lead to belt damage and reduced service life, and dust leaks leading to product loss and contamination of the surrounding plant. Whereas the correct arrangement of impact idlers is an effective, low cost method of supporting the belt at the transfer point, the slight undulation of the belt between the rollers causes an imperfect line for the belt skirting to seal against.

The Kinder range of K-Sure - Belt Transfer Supports utilises the existing roller support frames to carry a number of rubber backed low friction "planks" which take the place of the impact idlers. This provides a flat surface for the belt skirt to seal against thus containing all product and eliminating dust escape. A variety of widths and depths cater for the small low duty to large heavy duty conveyor transfer applications. Highly cost effective for low and medium duty applications.

For heavy duty transfer points, where the force of the product hitting the belt deforms the rubber into the space between the rollers, the use of "Load Zone" belt supports provide a low friction rubber backed flat surface. As there are no spaces for the rubber belt to deform into during high impact, the incidence of stretching and tearing is greatly reduced, increasing the service life of the belt.

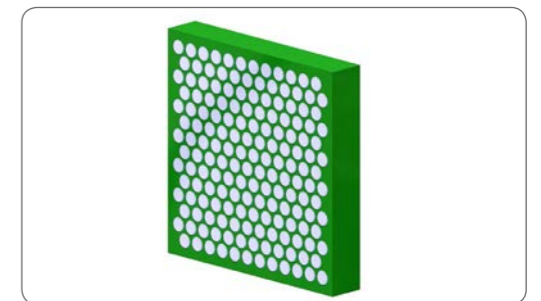
Inquip supply the market leading Kinder range of anti-wear materials handling products.

To assist with material flow propagation, and reduce the continuous wear to hopper and chute surfaces, a range of low co-efficient friction linings, with abrasion and corrosion resistance, are available for a range of applications.

From UHMWPE, polyethylene, polyurethane moulding, and wear rubbers. For high abrasion applications, Ceramic Wear Plates offer a simple installation with the double benefit of:

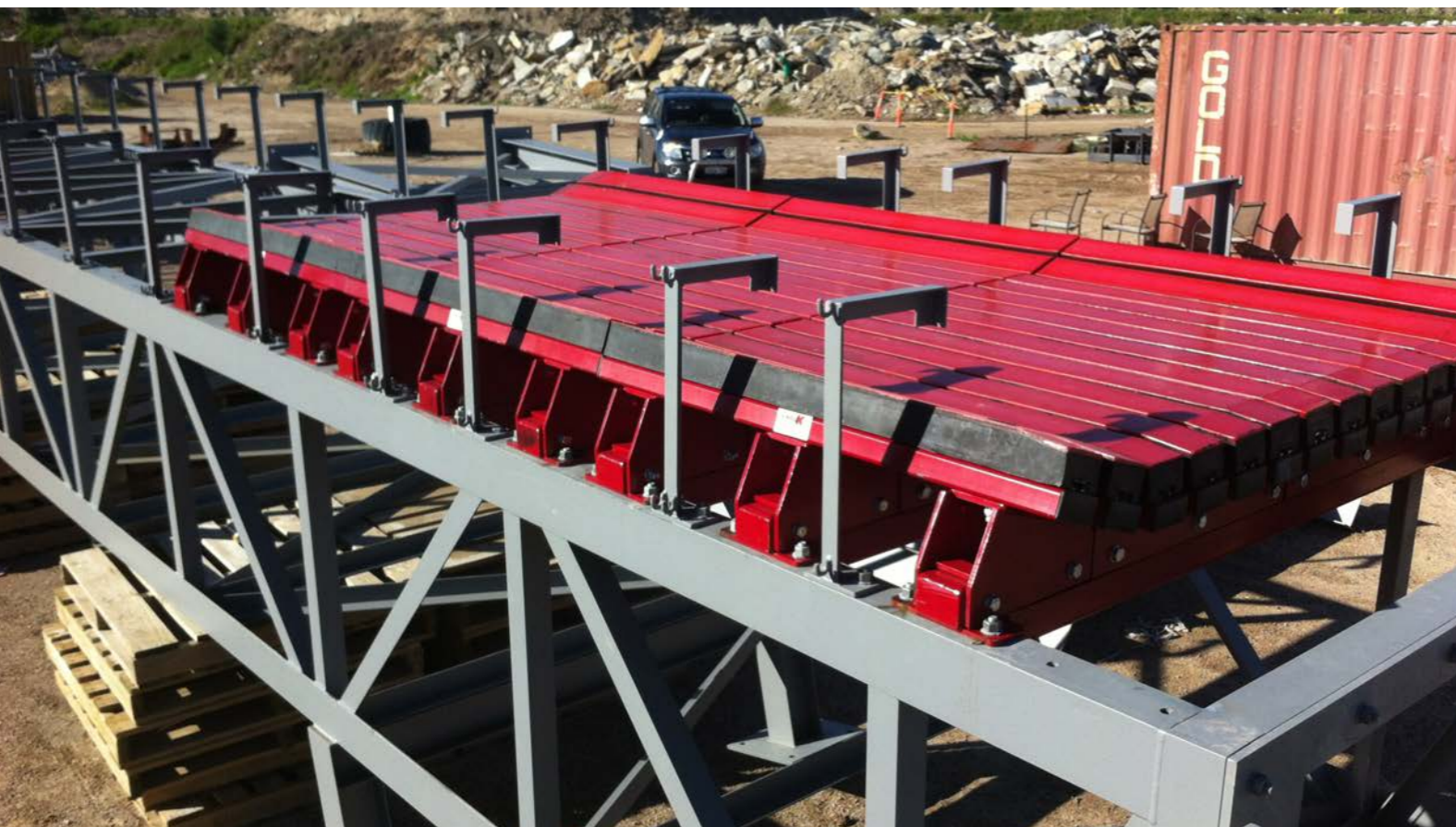
High Wear Resistance – due to the use of alumina ceramic discs.

Impact Resistance – the ceramic discs are bound to a matrix of rubber which dampens the impact.



CONVEYORS

CONVEYORS



Contact Us for all your Anti-Wear Products



DESIGN



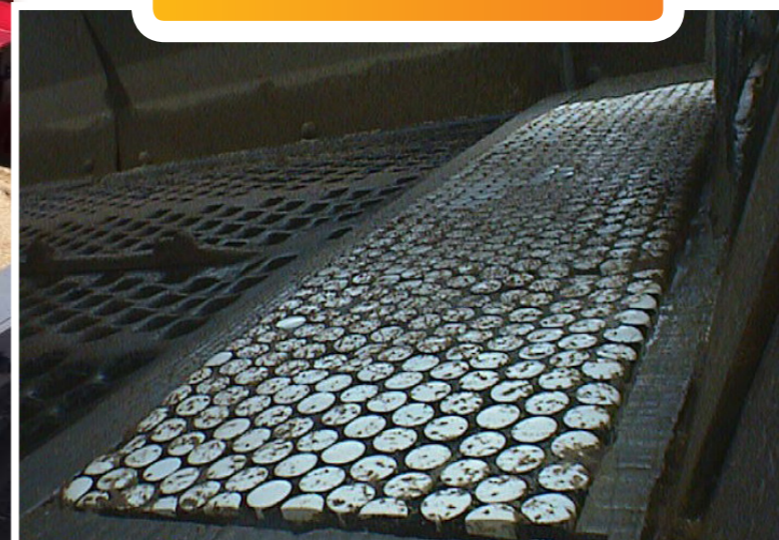
SUPPLY



INSTALLATION



MAINTENANCE



Inquip supply the market leading Kinder range of equipment safety and materials handling products.

Return Idler Guards

To comply with Australian Standards, all conveyors must have guarding for pinch points within reach of operators. Where pinch points on the underside of a conveyor are few and far between, it can be costly to guard the entire return section of the belt, or fiddly to construct a guard at each return roller.

Kinder have developed the K-Protector which is a simple retro-fit guard which bolts or clamps to the idler frame. It has quick release guard panels which allow easy access for maintenance and comes in the full range of idler sizes with custom fit options available.

Motor Guards

In many dusty / dirty facilities, the build up dust and debris on equipment motors reduces the cooling efficiency of the motor, causing motor burn out. There is also the occasional impact damage to the motor and fan.

The Kinder Motorshield range is a lightweight durable curved shield manufactured to suit standard IEC frame motor sizes. It covers the full length of the motor and extends past the fan, providing not only protection from falling debris, but prevents blockage of the motor cooling flutes down the body of the motor. The close fit to the motor ensure the air flow generated by the fan is directed down the full body of the motor, improving air flow and heat transfer by 40%.

Metal Detectors and Separator

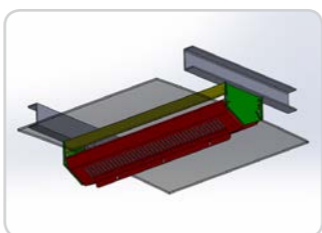
In most conveying applications there are times when metal items (maintenance tools, loose bolts, brackets, ground engaging tools, teeth etc) inadvertently find their way onto conveyors. These metal objects need to be removed before they damage downstream equipment or contaminate product.

Metal Detectors

Magnetic search coils are located below the belt of a non magnetic product. They detect the presence of metallic objects in the conveyed material above and send a close signal for the site system to activate corrective measures.

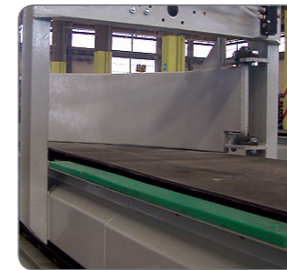
Magnetic Separators

Permanent Magnet plates attract unwanted ferrous material from the material stream. Removal/cleaning of the magnet is manual and periodical. Electromagnetic Separators with/without automatic cleaning Magnetic Pulleys attract ferrous materials as they pass over the drum, preventing it from following the product into the conveyor outlet stream. When the belt moves past the drum, the magnetic affect is lost and the ferrous material drops off the belt into a strategically located debris chute.



Inquip supply Roncuzzi's range of conveyor and elevator products.

Inquip supply machinery and equipment for the automation of bulk handling solids. Roncuzzi, the Conveyors & Components Division of WAM Group, has transformed its vast knowledge into a user-friendly, cost-effective standard which includes a variety of options & accessories.



Belt Conveyors



Chain Conveyors



Bucket Elevators



Belt Bucket Elevators



Chain Bucket Elevators



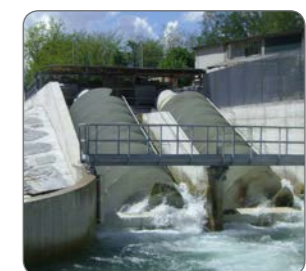
Bucket Elevators for Powder



Bucket Elevators for Flour



Rotary Valves



Hydrodynamic Screws



Archimedean Water Screw Pumps



Mobile Pneumatic Ship Unloaders



Dockside Hoppers

Modquip Conveyor System

Modquip Conveyor System

SPECIALISED CONVEYORS

SPECIALISED CONVEYORS

Utilising new design methods and products available from our power transmission division - Chain & Drives, Inquip have developed a very competitive modular conveyor system.

Our Modquip Conveyors are assembled from locally stocked components for immediate delivery, and are manufactured and assembled using basic tools - no welding or special equipment is required. Flat packed to minimise freight costs, they can be delivered anywhere in Australasia quickly. We offer full assembly and site installation including commissioning when required.

The conveyors can be ordered in standard widths and lengths, or special requirements are also available and designs are completed in hours.

Standard sizes: 400mm, 600mm, 900mm and 1200mm widths. The lengths are constructed in 500mm increments, therefore any length requirement can be supplied.

Our design team also offer customisation to your specific requirements and our conveyors are manufactured to accept the following with no modifications: **Belt Cleaning, Magnetic Systems, Drive Control, Systems, Diverter Chutes, Dust Collection and Food Grade options.**

Due to its versatility the Modquip Conveyor System can be adapted to suit most applications at low cost.



Quick & Easy Set-up



Flat Packed



Designed to suit any Requirements



Customisation Available

CODE	STANDARD WIDTHS	TPH	ANGLE	HEAD DRUM DIA	STANDARD SPEED Mtr/Sec	STANDARD CONVEYOR LENGTH (Available up to 100metres)					
						3m	5m	8m	10m	15m	20m
MQPA050A	300	5	0	114	0.5	0.37 kW	0.37 kW	0.37 kW	0.37 kW	0.37 kW	0.37 kW
			15			0.37 kW	0.37 kW	0.37 kW	0.37 kW	0.37 kW	0.37 kW
MQPB063B	350	10	0	114	0.5	0.37 kW	0.37 kW	0.37 kW	0.37 kW	0.37 kW	0.37 kW
			15			0.37 kW	0.37 kW	0.37 kW	0.37 kW	0.55 kW	0.55 kW
MQPC063C	450	20	0	168	0.75	0.37 kW	0.37 kW	0.37 kW	0.37 kW	0.55 kW	0.55 kW
			15			0.37 kW	0.37 kW	0.55 kW	0.55 kW	0.75 kW	1.1 kW
MQPD075D	600	50	0	232	1	0.55 kW	0.55 kW	0.55 kW	0.75 kW	0.75 kW	1.1 kW
			15			0.75 kW	0.75 kW	1.1 kW	1.5 kW	2.2 kW	3 kW
MQPE080E	750	75	0	273	1	0.55 kW	0.55 kW	0.75 kW	0.75 kW	1.1 kW	1.1 kW
			15			1.1 kW	1.1 kW	1.5 kW	2.2 kW	3 kW	4 kW
MQPF093F	1000	125	0	323	1	0.75 kW	0.75 kW	1.1 kW	1.1 kW	1.5 kW	1.5 kW
			15			1.1 kW	1.5 kW	2.2 kW	3 kW	4 kW	5.5 kW

Based on: Bulk Density 11/m³ Surcharge Angle 15deg

Features:

- Conveyor widths also available in 1250mm and 1400mm
- All Conveyors are powder coated before assembly
- Inclination up to 33 degrees available
- Stainless Steel Conveyors available for food application and corrosive environments
- Standard Duty and Heavy Duty trough conveyor also available.
- All Speeds available - All Drives supplied from Inquip stock
- VSD Drives - Scrapers - Magnets - Diverter Shutes and many other standard additions available
- Conveyor Lengths available in 500mm increments
- Special customised designs available
- 3D Models available
- Conveyors supplied flat packed for on site assembly and economical installation
- Site installation teams available in all states
- Designed and manufactured in Australia
- Distributors, Service Agents and Parts available throughout Australia



Customisation Available

Contact Us for all your Conveyor System Requirements



Inquip supply the market leading range of Damon conveyor products.

Inquip offer a wide range of conveyors and products for your conveyor system whether it be a basic gravity feed, or high end fully automated system. The main focus is to provide high quality products and cost effective solutions. Damon conveyor systems are used in the following industries: Food, Beverage & Confectionary Processing, Logistics, Freight & Parcel, Aviation, Warehousing, Picking Lines, Machine in-feed & out-feed and many more; being a "Sub Systems" supplier to the industry teaming up with the system integrator in order to provide a complete conveyor solution.

PRODUCTS

- » GRAVITY ROLLER CONVEYOR
- » GRAVITY WHEEL CONVEYOR
- » GRAVITY BALL TRANSFER TABLE
- » EXTENDTABLE CONVEYOR
- » LINE SHAFT CONVEYOR
- » LIVE ROLLER CONVEYOR
- » BELT CONVEYOR
- » EASY CONVEYOR
- » PALLET CONVEYOR MODULE
- » SKEWED ROLLER CONVEYOR
- » TANGENTIAL CONVEYOR

GRAVITY CONVEYOR



Gravity Roller



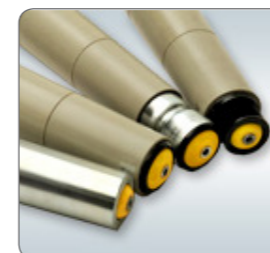
Drive Roller



Accumulation Roller



Break Roller



Tapered Roller

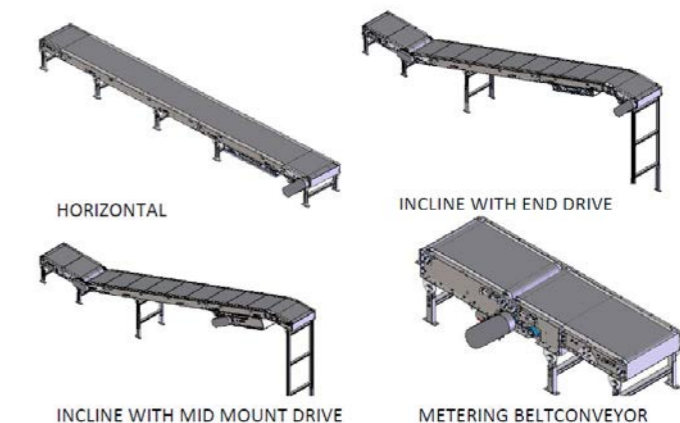
Inquip supply the range of Damon Gravity Conveyor and Roller products.

Damon manufacture a vast range of conveyor rollers from light duty PVC rollers, to heavy duty pallet handling rollers. Damon manufacture conveyor rollers in various materials such as PVC, Mild Steel Raw, Galvanised or Zinc Plated and also in Gr.304 Stainless Steel.

There are various size shafts on offer in the conveyor rollers, ranging in diameters as small as 6mm up to 20mm. Options include machined shafts for conveyor rollers including flats, split pin holes, slotted ends or threaded ends, to name a few, or we can manufacture your conveyor rollers with an 11mm hexagon shaft in some of our conveyor roller series. We also offer gravity conveyor rollers, driven conveyor rollers with 'O' ring grooves on the tube or 'O' ring drive heads, Poly Vee driven conveyor rollers, fixed plastic or steel sprocket conveyor rollers, plastic sprocket friction accumulation conveyor rollers, tapered conveyor rollers or split conveyor rollers for conveyor curves and various other conveyor rollers.

Damon conveyor rollers are made to the highest standards keeping in line with the vision of providing safe, high quality, cost effective and great service for your conveyor rollers, conveyor modules and components.

A made to order service is available to provide the option of manufacturing conveyor rollers in increments of 1mm to suit your exact requirements.





DESIGN

Inquip has full design capabilities. From a concept design to construction drawings.

Drawings are provided in an Auto CAD / SolidWorks format.

Our in-house design team will assist with innovative solutions to meet your requirements.

SERVICE

To provide back-up service to the full range of WAM and OLI equipment, Inquip's trained staff are available for site installation, maintenance and support. Coupled with the local stocking of commonly used parts and consumables, Inquip offer a prompt, cost effective service guarantee.

Inquip are factory trained service representatives of the WAM Group, Oli Vibrators & Kinder products.

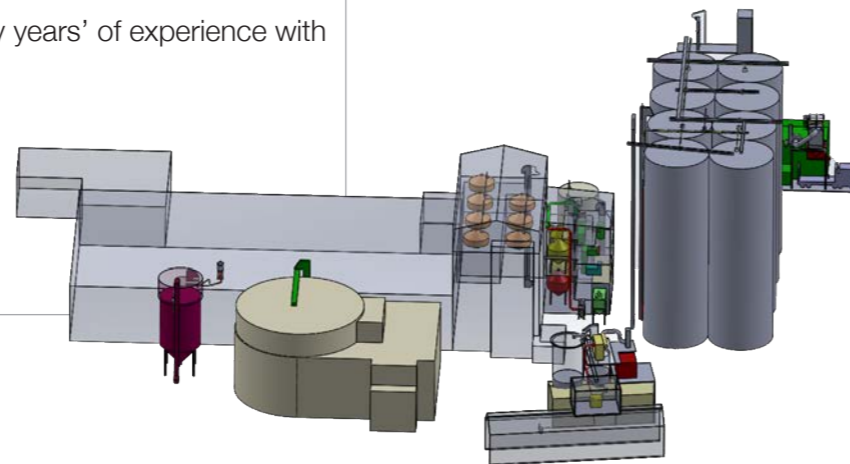
INSTALLATION

To complement Inquip's supply and design capabilities, Inquip can facilitate the installation of all our products onto your site.

Our friendly trained personnel have many years' of experience with industrial and mining installation.

We have a great team of subcontractors assisting Inquip to integrate our core range of products into your system.

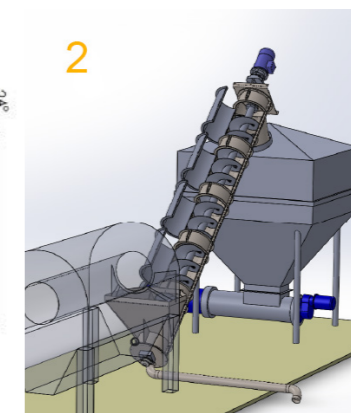
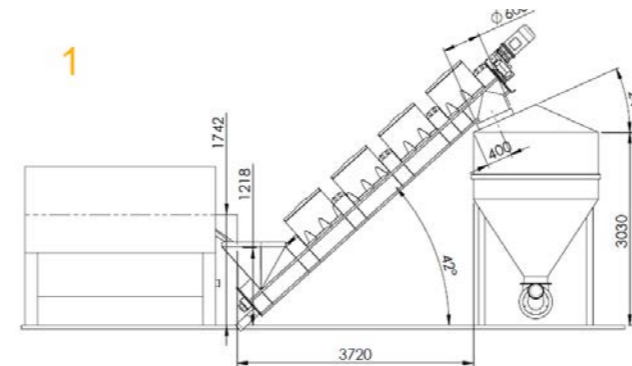
Contact our team today to discuss your requirements.



Inquip has experience in all aspects of project management

Our scope includes:

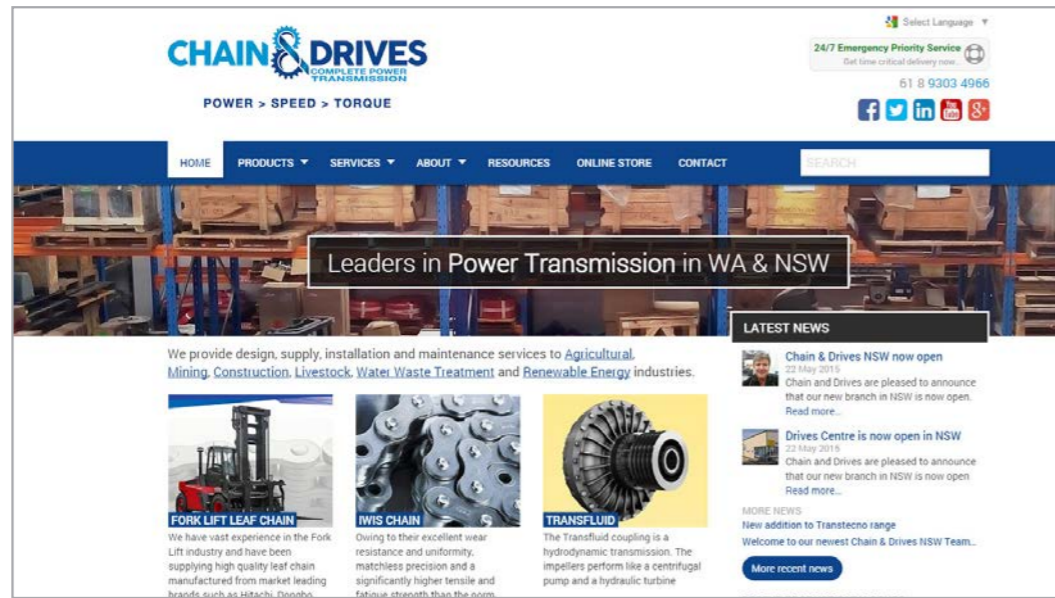
- » Initial consultation and understanding of your project requirements.
- » Concept drawing and feasibility costing.
- » Final design and construction drawings.
- » Facilitation of supply for all equipment and materials required on-site.
- » On-site commissioning, training and more



Contact our Team to Book a Complimentary Site Visit Today



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Contact us for a complimentary catalogue today

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TECHQUIP

DESIGN > INSTALLATION > SERVICE



TECHNICAL SERVICES

Introducing Techquip - supplier of technical engineering services for Power Transmission and Bulk Materials Handling.

Techquip is the technical services provider division in our group of companies which include Chain & Drives - a leader in power transmission, and Inquip - a specialist in bulk materials handling.

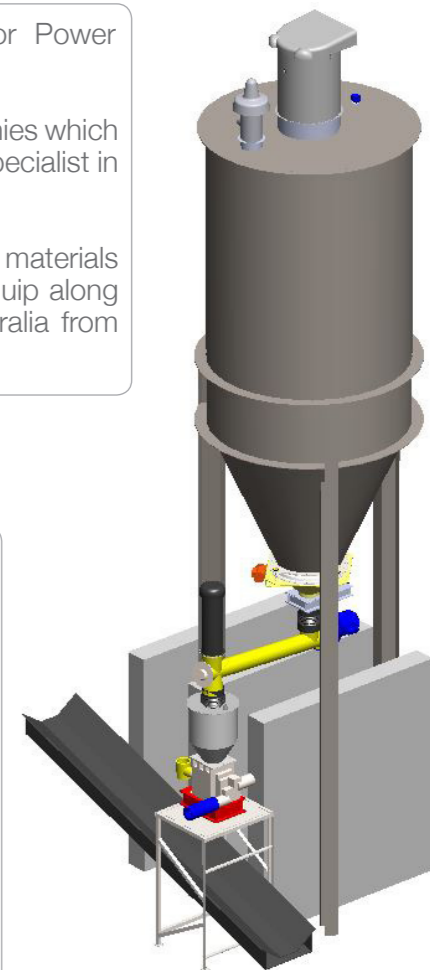
Our team are trained in all aspects of power transmission and bulk materials handling and have the support and expertise of Chain & Drives and Inquip along with the market leading products our Group supplies throughout Australia from leading manufacturers around the world.

3D MODELLING & DESIGN

In close consultation with your process and operating team, Techquip can provide project planning. Plan upgrades can be fully conceptualised with 3D modelling techniques.

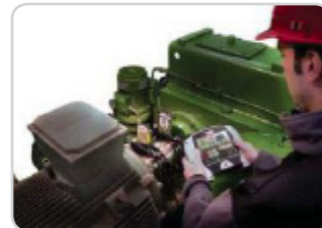
Working with engineering software packages such as SolidWorks, gives us the ability to design and test your entire project within virtual space before entering production. This gives us the ability to iron out problems such as fitment concerns, through to simulating strength and material flow. Thus, Techquip has the ability to design the simplest sprocket all the way through to entire plants, utilising multiple components and integrating systems new and old.

If you would like to see some examples of work we have done, please do not hesitate to contact Techquip for all your mechanical drafting needs.



Balancing

After installation or long service, equipment can become unbalanced. As such, fans, pumps and rotors can transfer undue stresses and additional loads into bearings, motors and couplings, substantially reducing component service life and potentially causing catastrophic failure. Techquip offers a balancing service to ensure long equipment life to maintain peak efficiency.



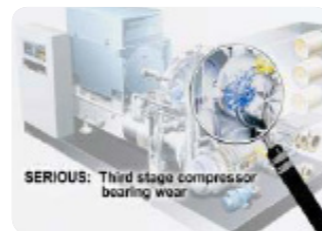
Consulting & Design

Techquip provides engineering consulting services for upgrades and new equipment designs with aid from our experienced staff within our Group of companies. Utilising the latest up to date information, we provide optimised solutions for your plant's design requirements. Our trained engineers can design individual components through to complete plant layouts.



Preventative Maintenance

Techquip recommends adding security to your process by offering Preventative Maintenance Contracts for your equipment. This can significantly help reduce failures and detect faults early on before they lead to larger issues, adding peace of mind to your operation. Each PMC is tailored to suit individual requirements of each customer with prioritised service as a key feature.



Onsite Plant Repairs

Our field services team have had many years experience in plant maintenance and can assist with breakdowns and installations. This may be after hours or scheduled. Attached to these can be full plant audits pre and post repairs, backed by our engineers to ensure the correct fix has been employed to keep your operation functioning well into the future.



Mechanical Refurbishment

Techquip has a fully equipped service centre, where strip and rebuild, refurbishment, or project builds can take place. Spanning from gearboxes, motors, couplings, bearings, seals, actuators, complete drive assemblies, screw conveyors, dust collectors and more, all can be overhauled or built new with the confidence of being tested and functioning before reaching site. Our service centre carries a large inventory of spare parts for immediate repairs and breakdown situations.



Oil Analysis

Oil analysis is a cost effective method of determining the condition of existing lubricants, helping to extend service life and reduce failure of equipment. Programs can consist of either in-house or external testing which test for four major indicators - base oil degradation, water content, presence of contaminants, and metal or iron particle contaminants.



Energy Audits

Energy consumption can be reduced by up to 40% in some applications through analysing inefficient and poorly designed systems, and by adopting modern design practises. Environmental Sustainability begins with understanding how much energy you currently use, and how you can reduce that consumption to a more environmentally friendly level.



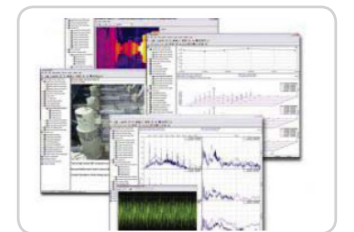
Laser Alignment

Misalignment in mechanical systems such as drive assemblies is a major factor of increased wear and premature failures. Using traditional alignment techniques incorporating straight edges and dial indicators are extremely time consuming, subject to methodology errors and physical limitations. Laser alignment techniques are fast, accurate and remove many human errors from the process.



Vibration Analysis

The predominant technology employed in condition monitoring, and used to determine the condition of various mechanical components, is Vibration Analysis. This non-invasive technique collects vibration data from machines under normal operating conditions, usually around bearing locations, and can help predict service life expectancy and urgency of repairs. Planned and scheduled maintenance is preferred over emergency downtime.



Training

Utilising technical expertise, Techquip have developed comprehensive product training programs.

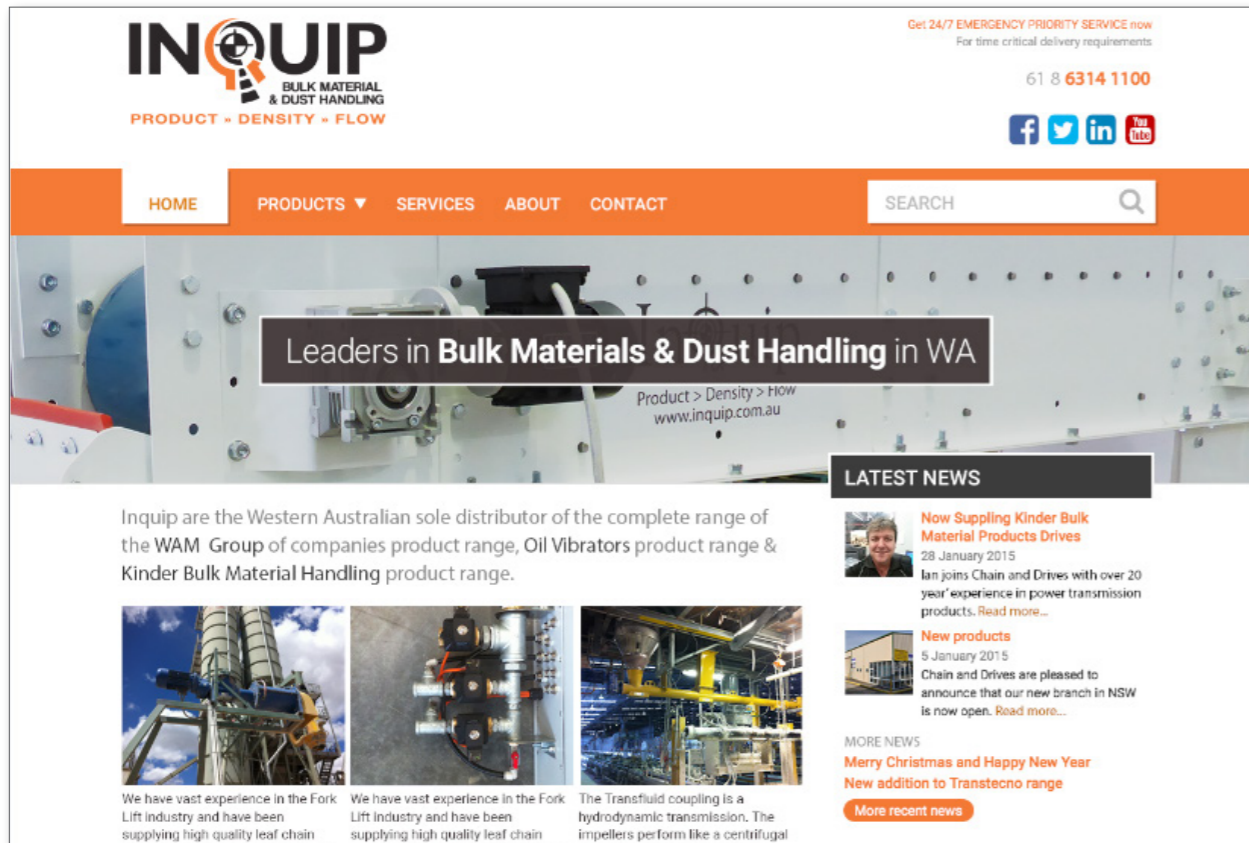
From the engineer seeking assistance with selecting the appropriate materials or components, a distributor who wants to provide the best available advice and products to their customers, or a maintenance person interested in getting the maximum uptime and service life, we have the solution for your plant, staff and equipment training needs.



CONTACT US



OUR NEW INTERACTIVE WEBSITE INCLUDING AN ONLINE STORE IS LIVE NOW. NEW TOOLS, ONLINE FORUM, INSTANT ENGINEER SUPPORT & IN-DEPTH TECHNICAL LIBRARY COMING SOON. REGISTER NOW TO RECEIVE UPDATES



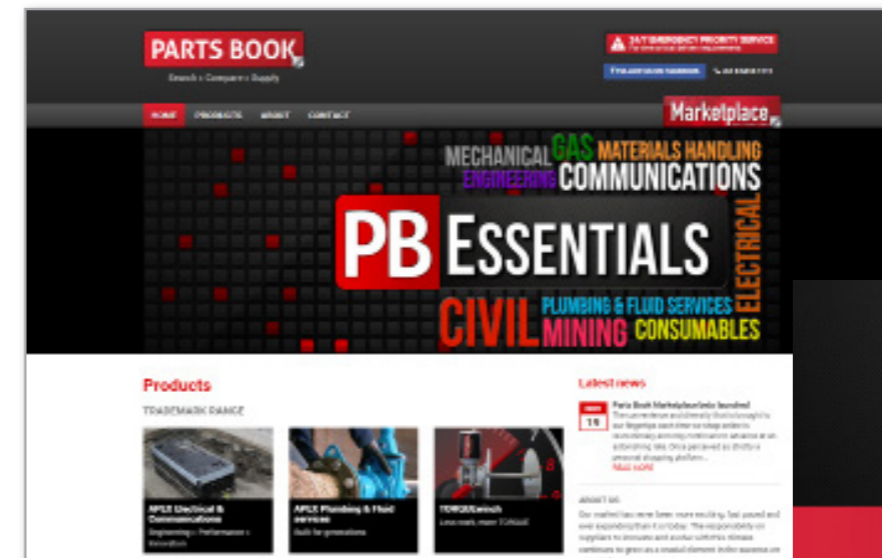
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 Website: www.inquip.com.au

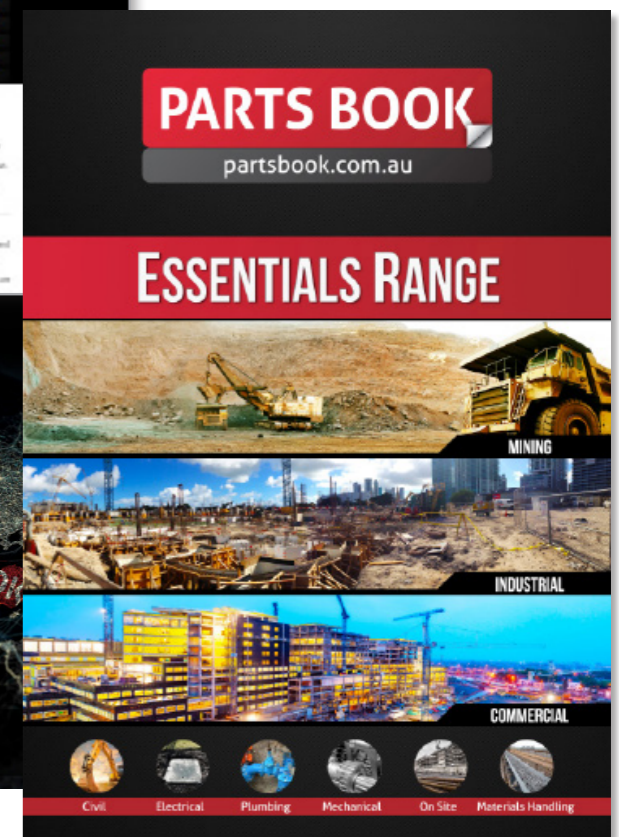


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DESIGN



SUPPLY



INSTALLATION



MAINTENANCE

