



Bespoke
Handling
Equipment

Product
Brochure



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Our process

At STS we specialise in supplying high-quality manual handling solutions, with unique designs driven by customer requirements. Whether you're interested in an off-the-shelf item or a bespoke solution, we're here to help.



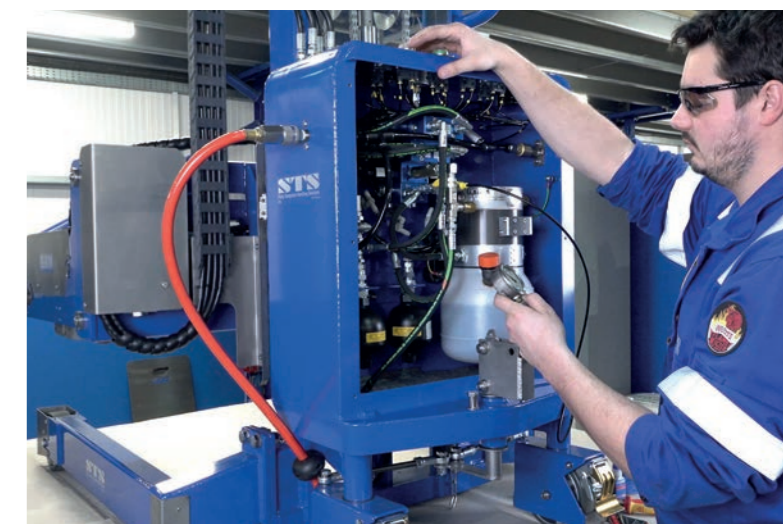
Understanding your needs

Call our experienced product team who will guide you through our range of manual handling equipment. We understand company health and safety requirements and will be happy to discuss your application.



Developing the solution

If you need a custom unit for a particular problem, our product team will put together a detailed specification, which is passed on to our design team. Qualified STS engineers then draw up the best solution for you, reviewing designs through a multi-tier checking regime before beginning manufacture.



Manufacturing your product

We manufacture all of our equipment here in the United Kingdom, using only quality component parts. By sourcing parts mainly from the UK and EU marketplace, we can ensure conformity and longevity.



In-depth product testing

Working to industry standards, we test our units with static and dynamic loads. When it comes to durability, STS products are the strongest on the market, lasting decades and ensuring survivability in harsh work environments.



Supporting you

Long after we deliver your product, our technical personnel are on standby to offer any support you need. We can provide guidance on future handling requirements over the phone or via customer site visits.



Universal Drum Rotator Manual

STM01-DRU01

This manual-lift model provides operators with an ergonomic drum handling solution for low-use applications. Alternatively, we supply electric and pneumatic models.

Manual hydraulic pump

The pump is affixed to the side of the stacker truck. To lift a drum operators simply pump the handle back and forth, which raises the height of the ram. The low amount of force required to lift a drum means the unit is easy to use.

Universal drum band

Our universal band assembly has been designed to adapt to the contours of any drum. Steel, plastic and fibreboard drums from 50 to 220 litres can be handled; as such the band is popular with companies using a range of different drum types.

Rim-clamp securing system

Each drum rotator is supplied with a rim-clamp device that connects to the top lip of the drum. This prevents any drum slippage within the head assembly; it is particularly useful when handling smooth-sided plastic drums.

Self-locking gearbox

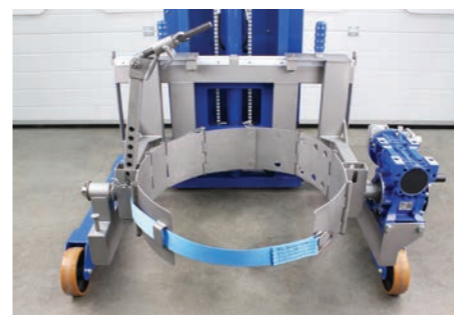
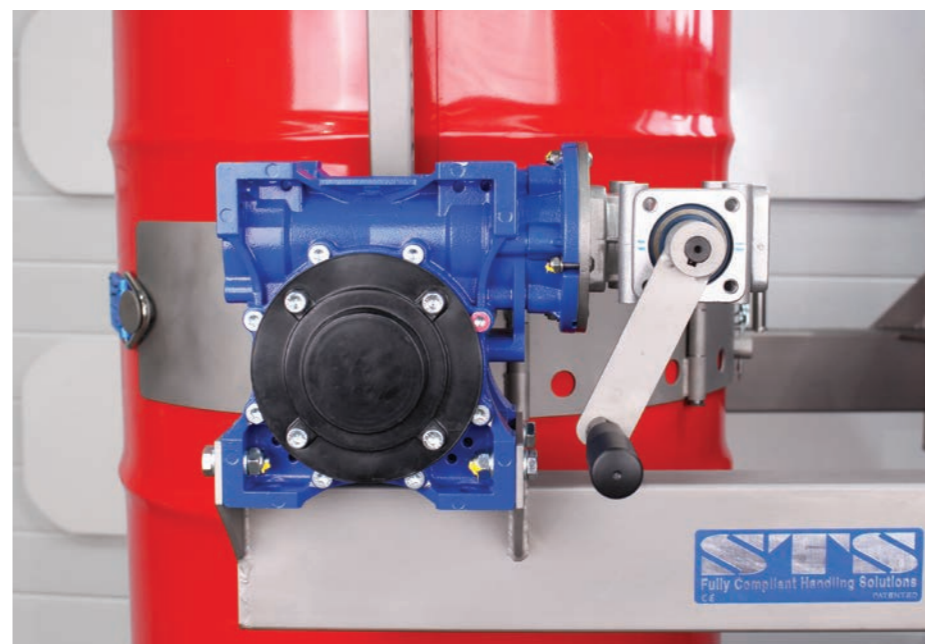
Each rotator unit is supplied with a self-locking rotational gearbox. To make it easy to rotate drums of up to 350kg in weight, the gearbox assembly has a final ratio of 120:1; this also prevents any self-rotation of the drum.

Controllable rear-wheel steering







The rear-wheel steering provides operators with precise and responsive control. Both rear wheels are steerable and are controlled using a tiller, reducing drag and providing greater control.

ATEX-certified for zoned areas

Each manual-hydraulic drum rotator can be supplied ATEX-rated, suitable for use in Zone 1, 2, 21 and 22 environments. Our 'Ex' units are manufactured to ensure electrical continuity and comply with the ATEX Directive 2014/34/EU.



Optional features

-  ATEX option
-  Stainless-steel model
-  Variable leg dimensions
-  Fixed-size drum band
-  Load cell weighing system
-  Drum inserts and adapters

Universal Drum Rotator Electric

STE01-DRU01

Our electric drum rotator has maintenance-free onboard batteries along with a built-in automatic battery charger. The unit is self-contained and mobile, making it great for large production facilities.

Fully compliant lift circuits

We install mandatory safety features and emergency stops on all of our products to keep you and your operators safe.

Universal drum band

The drum band is unique in the drum-handling industry. Made from stainless steel, this adjustable band helps you handle drums from as small as 50 litres, right up to 220 litres, whether steel, plastic or fibre. Simply adjust the variable band to the drum size and secure the drum with the ratchet and polyester strap.

Rim-clamp securing system

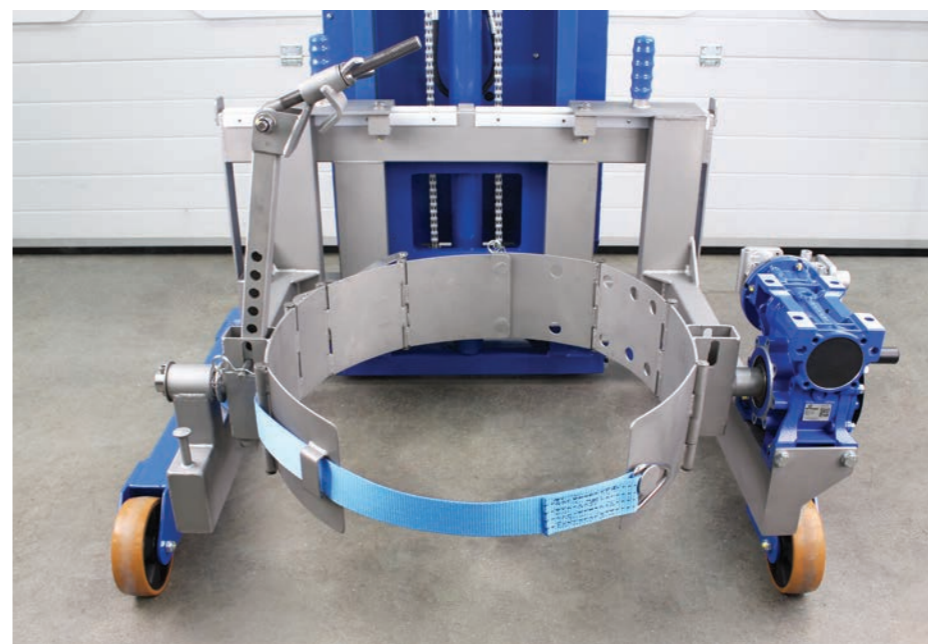
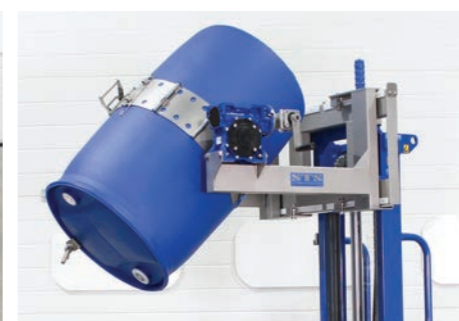
The drum rotator comes with a rim-locking device, which attaches to the lip of the drum to add a second security measure. This allows the Universal Drum Rotator to handle a vast range of drums safely, some of which cannot be handled by other equipment on the market.

Self-locking gearbox

We build all our drum rotator models to include a high-quality self-locking rotational gearbox. This ensures that when using the equipment the drums always remain under control and never self-rotate.

Controllable rear-wheel steering

Ackermann rear-wheel steering gives you maximum directional control when tipping drums into your process. The wheels are 160mm in diameter and contain two precision bearings, and we fit park brakes on all models.



Optional features

-  Stainless-steel model
-  Powered drum clamp
-  Powered drum rotation
-  Power drive system
-  Telescopic/variable lift height
-  Variable leg dimensions
-  Fixed-size drum band
-  Load cell weighing system
-  Drum inserts and adapters

Universal Drum Rotator Pneumatic

STP01-DRU01-Ex

This drum tipper is pneumatic powered and can be certified for use in an ATEX area. The unit is extremely versatile as it can lift and tip a variety of drum types and sizes.

Air-powered functions

An airline connection powers a pneumatic-hydraulic pump, which supplies oil to the lifting system. The pneumatic system is very robust and requires little to no maintenance.

Drum clamping band

We supply our drum rotators with a fixed or variable drum band. The universal drum band is modular by design; the diameter of the band can be adjusted in seconds to cater for different drum sizes, from 50 litres right up to 220 litres. We also supply a fixed-diameter over-centre band suitable for 200- to 220-litre steel and plastic drums.

Self-locking gearbox

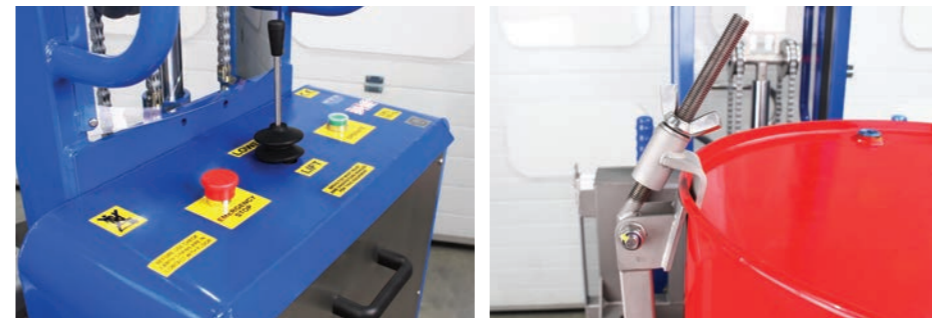
Offering maximum control and durability, each drum rotator model is fitted with a self-locking rotational gearbox. The final ratio of the gearbox assembly is 120:1, which makes the rotation handle easy to turn and prevents the drum from self-rotating.

Controllable rear-wheel steering

Precise and responsive steering is paramount when handling drums of solvents or chemicals. The rear-wheel steering assembly is controlled using a tiller, reducing turning resistance and providing easy control.

ATEX-certified for gas and dust zones

Having assisted numerous companies that handle drums of flammable materials, we understand different applications and can offer an ATEX drum handler for use in Zone 1, 2, 21 and 22 environments. Each of our 'Ex' stackers is manufactured to ensure electrical continuity. Each piece of equipment is supplied with documentation stating compliance with the ATEX Directive 2014/34/EU.



Optional features

-  ATEX option
-  Stainless-steel model
-  Powered drum clamp
-  Powered drum rotation
-  Power drive system
-  Telescopic/variable lift height
-  Variable leg dimensions
-  Fixed-size drum band
-  Load cell weighing system
-  Drum inserts and adapters

Power Clamp Drum Rotator

STE01 / STP01-RRH01-Ex

The ultimate in versatility, this power clamp drum tipper can lift and tip drums and barrels from 50 to 220 litres. We offer two hydraulic-powered options: electric or pneumatic.

Lift options

Two power configurations are available: the pneumatic-hydraulic STP01 requires an airline connection to supply the unit with hydraulic power via a pump; this model can be ATEX certified. Alternatively, the electric-hydraulic STE01 has on-board batteries, which are charged via a mains power supply between uses.

Fully compliant circuits

We fit mandatory safety features and emergency stops on all of our products. Each power-clamp model has burst valves, a safety limit switch and clamp pressure gauge.

Powered drum clamp and forward rotation

Operators manoeuvre the unit up to the drum, clamp the pads securely around the circumference, lift and then tip the contents. The powered functions save time, making this a popular unit for high-throughput applications.

Clamping pad designs

The flexible pads accommodate a wide range of drum diameters from 280mm to 610mm. These can be configured to allow drums to be removed from the corner of a pallet. Each gripping head can be tailored to suit your specific lifting application.

Controllable rear-wheel steering







Ackermann rear-wheel steering gives you maximum directional control when tipping drums into your process. The wheels are 160mm in diameter and contain two precision bearings, and we fit park brakes on all models.

ATEX certified for hazardous areas

When explosive or potentially explosive atmospheres exist, we are able to supply ATEX compliant drum tipping equipment. Each of our ATEX drum handlers is designed to ensure electrical continuity; a path to ground is always present. We supply an EU Declaration of Conformity, which states compliance with the ATEX Directive 2014/34/EU.



Optional features

-  ATEX option
-  Stainless-steel model
-  Power drive system
-  Telescopic/variable lift height
-  Variable leg dimensions
-  Load cell weighing system



Power Drive Drum Rotator

STE05 / STP05-RRH01-Ex

Make light work of tipping and transporting heavy drums. Two power options are available: electric-hydraulic, which utilises on-board batteries, or a pneumatic-hydraulic model, which can be certified for ATEX areas.

Power drive

Each power drive model is designed and manufactured in-house at STS. Electric units utilise a DC drive motor; this option is suitable for non-ATEX areas. Alternatively, we offer pneumatic units whereby an airline powers a pneumatic-hydraulic circuit. In this case the drive wheel is hydraulic powered, similar to that of the lift function, and can be certified for use in an ATEX area.

Tiller controls

This heavy-duty drum tipper has a power drive system that can be controlled from the rear via a steerable tiller. When placing drums precision is important, so the speed control is variable and is adjusted using the throttles on the tiller.

Powered drum clamp and forward rotation

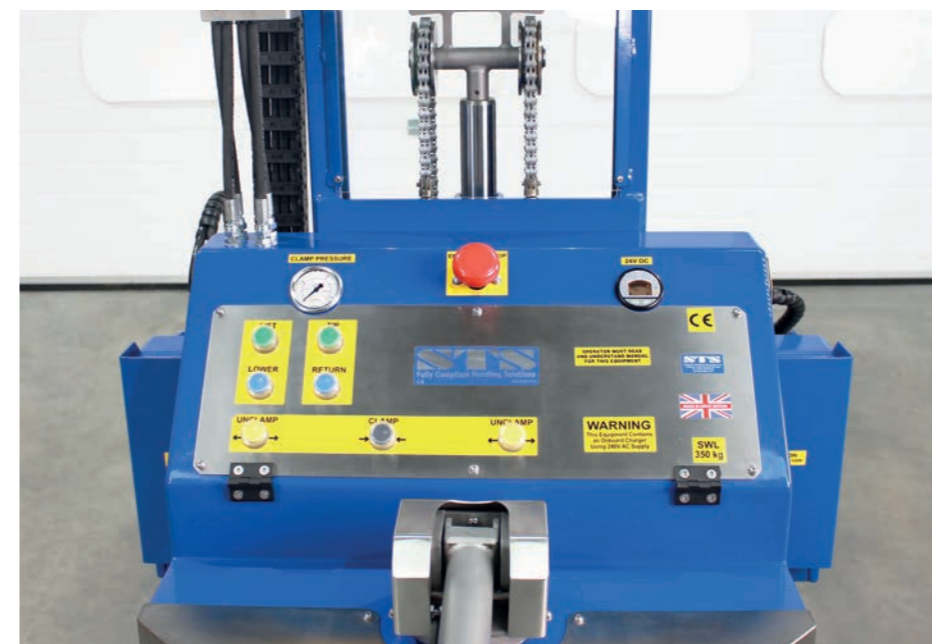
Operators manoeuvre the unit up to the drum, clamp the pads securely around the circumference, lift and then tip the contents. The powered functions save time, meaning this is a popular unit for high-throughput applications.

Clamping pad design






The flexible pads are able to accommodate a wide range of drum diameters from 280mm to 610mm. These can be configured to allow drums to be removed from the corner of a pallet. Each gripping head can be tailored to suit your specific lifting application.

ATEX-certified model

Our power drive pneumatic-hydraulic model can be supplied ATEX-compliant, suitable for use in hazardous environments. Equipment is designed to ensure electrical continuity; there is always a path to ground. All of our ATEX machinery complies with the ATEX Directive 2014/34/EU.



Optional features

-  ATEX option
-  Stainless-steel model
-  Telescopic/variable lift height
-  Variable leg dimensions
-  Load cell weighing system

Overhead Drum Rotator

DRU02

The unique Overhead Drum Rotator uses our trademark variable band or a fixed clamping band to tip drums using a forklift, hoist or crane.

Universal drum band

An adjustable stainless-steel band accommodates drums from as small as 50 litres, right up to 220 litres, whether steel, plastic or fibre. A 50mm stainless-steel ratchet and strap tensions the band around the drum.

Rim-clamp securing system

A rim-locking device attaches to the lip of the drum as a secondary safety feature, preventing slippage of smooth-sided plastic drums – this is quick and easy to use.





Self-locking gearbox

A high-quality manual gearbox arrangement is fitted to the rotator. A 60:1 ratio primary box and 2:1 secondary box ensure drums always remain under control and never self-rotate.

Dual pickup points

A heavy-duty lifting pin allows a crane or hoist to lift the rotator; alternatively, pick up the unit with a forklift using the designated fork pockets.

Optional features

-  **ATEX option**
-  **Stainless-steel model**
-  **Fixed-size drum band**
-  **Load cell weighing system**

Wireless Load Cell System

We can supply all of our lifters with a highly accurate weighing system, which is ideal for batch production.

Why purchase a load cell weighing system?

Customers demand only the highest quality products from manufacturers, which means the ability to provide consistent goods is paramount for companies. When pouring liquids or powders from drums, our load cell systems allow you to transform batch production into a highly accurate process with traceability in mind.

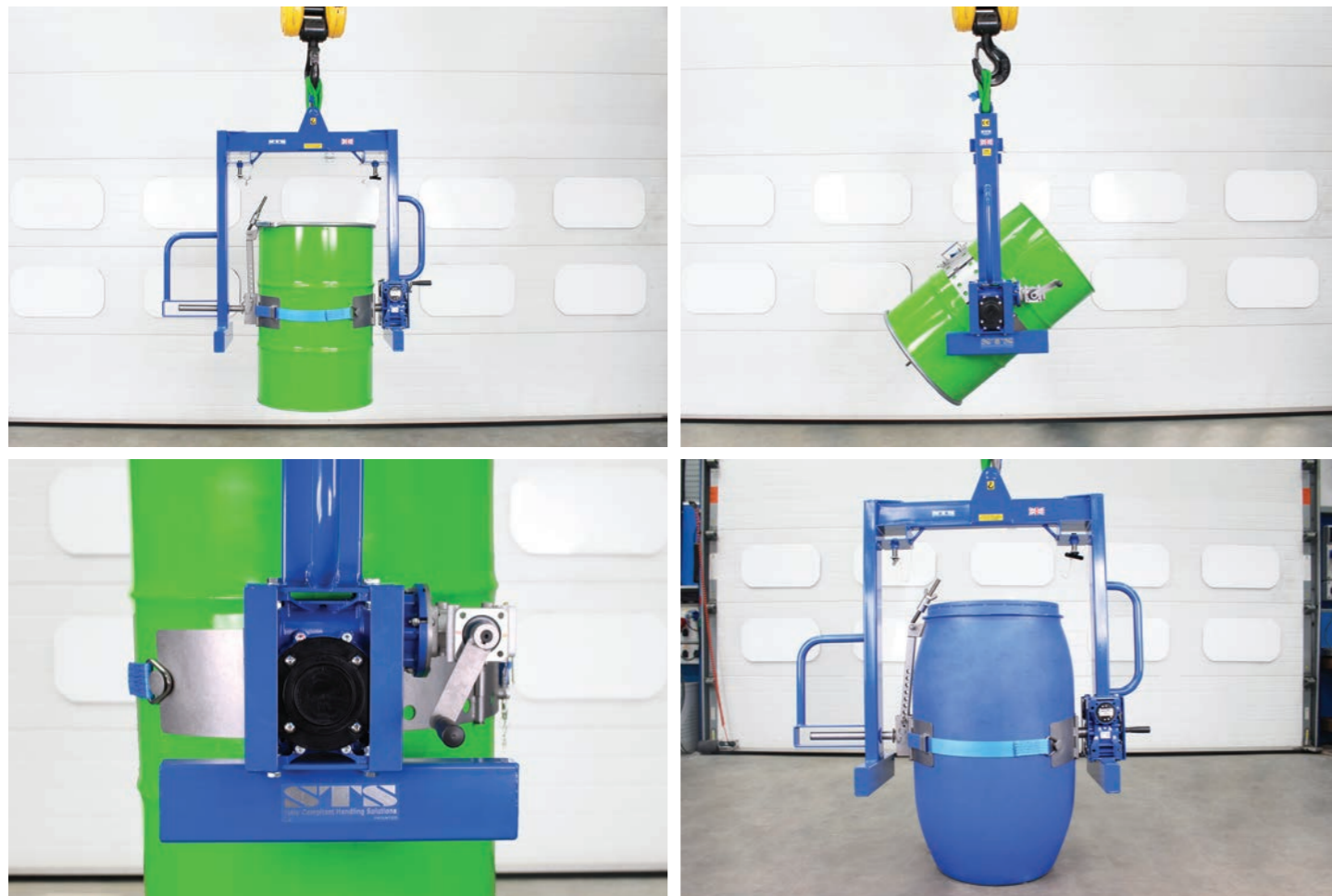
How does a wireless system work?

A heavy-duty load cell is installed between the lifting carriage and the head assembly, and this measures the weight of the container and its contents. The load cell reading is sent to a transmitter, which in turn sends the data to either a handheld receiver or PC base station. Operators and factory managers can monitor weights and decanting amounts via the remote display or through computer data logging software.

All receivers include a tare/zero function, which is useful for measuring individual batches of product.

Can this system be used in an ATEX area?

Yes, at STS we specialise in ATEX handling applications. An ATEX approved load cell, transmitter and receiver can all be installed within our units to allow measuring in a hazardous environment. We can incorporate this innovative wireless load cell package into any lifter or tipper we design.



ATEX Pedestrian Stacker Truck

STP07-FAC01-Ex

Our pneumatic-hydraulic forked stacker truck uses an airline connection to power the hydraulics and is fully certified for both gas (G) and dust (D) hazardous zoned areas.

Fully compliant lift system

The unit features pneumatic circuits and mandatory safety systems such as emergency stops and blocking valves. Should the airline be disconnected for any reason, the forks will remain in place and the load will remain safe.

ATEX-certified for gas and dust zones 1, 2, 21 and 22

Each of our ATEX stacker trucks is designed to ensure electrical continuity; a path to ground is always present. We supply a manufacturer's EU Declaration of Conformity, which states compliance with the ATEX Directive 2014/34/EU.







Stainless-steel clad forks

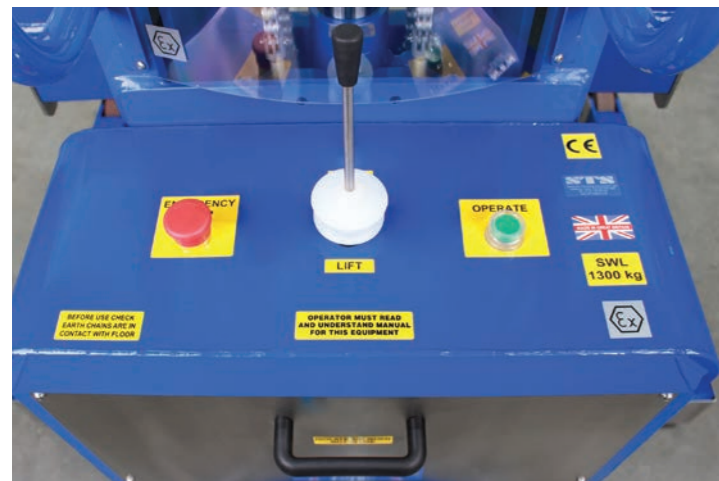
We clad the forks in a strong and robust stainless steel, drastically reducing the risk of a spark should they contact the ground or other hard surfaces.

Controllable rear-wheel steering

Ackermann rear-wheel steering gives you maximum directional control when lifting pallets and IBCs. The wheels are 180mm (front) and 160mm (rear) in diameter and contain two precision bearings.

Optional features

-  **ATEX option**
-  **Stainless-steel model**
-  **Electric-hydraulic lift**
-  **Telescopic/variable lift height**
-  **Variable leg dimensions**
-  **Load cell weighing system**



Horizontal Small Drum Mixer

DME04 / DMP04-Ex

Our horizontal mixer has been designed with ergonomics and simplicity in mind. Manually load drums into the cabinet before closing the doors; upon closing the doors the circuits are powered up.

Mix four drums at once

Using a belt-drive system, four drums can be loaded onto the rollers and mixed simultaneously, making the unit ideal for batch production.

Mixer control system

An electric interface with timer offers precise control over the speed of the drum rollers (4-20 RPM) and the mix duration. On a pneumatic ATEX model the control interface has no electrical components, making it safe for use in a potentially explosive atmosphere.

Ergonomic drum loading

Loading drums is safe and easy: simply place a drum on the edge of the frame and then push it back onto the rollers.

Fully compliant safety guarding

All STS drum mixers are fitted as standard with a full guarding arrangement. The guarding prevents access to the rollers during mixing, while still offering visibility.



Door interlocks

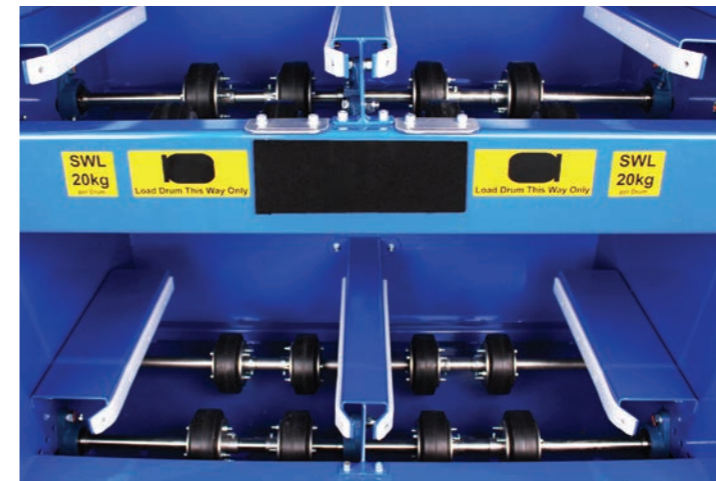
Each door of the cabinet mixer is fitted with a switch/interlock; only once the doors have been closed can you activate the rotation function. If an operator opens the doors during a mix cycle, the rotation of the drums will stop immediately.

Factory configurable for different drums

This model is suitable for mixing drum sizes of 3.6 litres to 15 litres (up to 350mm in height and diameter). The drum rollers are set in the factory to match your company's particular drum size.

Optional features

-  **ATEX option**
-  **Stainless-steel model**



End-over-End Drum Mixer Electric

DME01

End-over-end drum mixers provide a fast method of mixing. With this unit you can mix steel, plastic and fibre drums with a maximum weight of 300kg. We offer units with mix speeds of between 7 and 38 RPM.

Mixer control system

Our electric model features a custom control interface to provide you with precise control. Controls include a digital mix timer as well as an adjustable speed dial. The control box includes a safety relay and meets all mandatory requirements.

Easy drum loading

You can use any of our drum depalletisers to load and unload the drum mixer. Alternatively, you can use a forklift drum attachment.

Robust drum-securing method

Secure drums of 200-220 litres into the rotator head using the high-quality clamping bar with speed brace. The adjustable mixer head allows you to clamp drums of up to 1000mm in height effectively.

Fully compliant safety guarding


We manufacture our drum mixers with a full guarding arrangement as standard. The guarding surrounds the unit and prevents access to the drum during mixing.

Safety gate interlocks

Our mixers feature safety gate interlocks: only once the gates have been closed can you activate the mixing function. If the gates are opened during a mix cycle, the unit will stop mixing immediately.

Optional features

 **Stainless-steel model**

 **Adjustable small-drum adapter**



End-over-End Drum Mixer Pneumatic

DMP01-Ex

End-over-end drum mixers offer an accelerated method of mixing, which is often superior to horizontal mixing. With this mixer you can mix 200- to 220-litre steel, plastic and fibre drums weighing up to 300kg, at speeds of 12 RPM.

Pneumatic control system

An air motor powers the drum rotator head via a gearbox arrangement. When the operator stops the mixing, an airbrake locks the head in position.

Easy drum loading

You can use any of our drum depalletisers to load and unload the drum mixer. Alternatively, you can use a forklift drum attachment.

Robust drum-securing method

Secure drums of 200-220 litres into the rotator head using the high-quality clamping bar with T-handle. The adjustable mixer head allows you to clamp drums of up to 1000mm in height effectively.

Fully compliant safety guarding

We manufacture our drum mixers with a full guarding arrangement, which includes safety gate interlocks. The guarding surrounds the unit and prevents access to the drum during mixing.

ATEX-certified model

Our pneumatic mixer can be supplied ATEX-compliant, suitable for use in hazardous environments. All of our ATEX machinery complies with the ATEX Directive 2014/34/EU.

Optional features

 **ATEX option**

 **Stainless-steel model**

 **Adjustable small-drum adapter**



Side-Shift Drum Depalletiser

DTP04

This is the most versatile drum depalletiser on the market. Our unique over-pallet lifter allows you to load and unload an entire pallet of drums from just one side, and the universal catch can connect the unit to a wide range of drums.

Side-shift lifter body

Fourteen precision bearings smoothly slide the central lifter left and right, giving you straightforward access to the whole pallet. A toggle clamp can be used to lock the lifter body into position, allowing for precise control and reducing placement gaps during handling.

Universal drum catch

Innovative and adjustable, the catch can be easily adapted to suit drums of different types, sizes and materials.

Stainless-steel ladder rack

Fitted with horizontal rungs, the drum catch can be moved up to different levels to cater for a variety of drum heights.




Manual hydraulic pump

We fit only the highest quality UK-made pumps to our drum lifters. The pump is easy to operate: simply pump the handle to raise the load and turn a precision valve to lower drums to the ground or onto pallets.

Chemical-resistant wheels

We source high-quality elasticated rubber wheels and use precision bearings for premium performance in harsh environments.

Optional features

-  ATEX option
-  Stainless-steel model
-  Variable lift height
-  Variable leg dimensions



Corner Drum Depalletiser

DTP05

This model has a small footprint, is lightweight and easy to use. The lifter allows operators to load and unload drums from the corner of any pallet.

Universal drum catch

The adjustable drum catch can connect to drums of different types, sizes and materials. Drums of 50-220 litres can be loaded and unloaded from pallets. This catch is unique in the marketplace.

Stainless-steel ladder rack

The rack allows the catch to be placed at different levels to accommodate drums of different heights; each increase in rack position moves the catch up 130mm.



Manual hydraulic pump

The aluminium pump supplies oil to a ram and this system lifts drums when the handle is pumped. A hand-operated lever provides precise control when a drum needs to be lowered to the ground or onto a pallet.

Chemical-resistant wheels

We source high-quality elasticated rubber wheels and use precision bearings. The rear wheels include braked castor assemblies.

Optional features

-  ATEX option
-  Stainless-steel model



Counterbalance Drum Depalletiser

DTP08

A counterbalance design eliminates the need for outlying legs; ideal for use in narrow workspaces. This model can be configured to suit a variety of lift heights and drum weights.

Universal drum catch

Drums of different types, sizes and materials can be handled using the fully adjustable drum gripper.

Stainless-steel ladder rack

For different drum heights, the catch can be moved up or down. The lift ram can be interchanged to allow greater clearance beneath a drum when raised.

Manual hydraulic pump

We assemble our hydraulic systems by hand in our factory, ensuring that each is clean and reliable. Our engineers test and inspect every pump/ram during the manufacturing process.





Load capacity

Counterweight levels can be adjusted in our factory to suit either 250kg or 350kg safe working loads (SWL); the unit length can also be changed.

Rear-wheel steering

Tiller steering provides a tight turning circle, useful in confined areas. The steering arrangement features a combined park brake to keep the unit stationary when not in use.

Optional features

-  **ATEX option**
-  **Stainless-steel model**
-  **Variable lift height**
-  **Increased SWL**



Drum Lever Bars for 200-Litre Steel Drums

LEV01 / LEV02

Often you need to orientate stored drums to view labels or optimise storage space. Our drum lever bars make orientating steel drums easy. Simply connect the bar to the drum and use leverage to rotate or adjust its position.

Stainless-steel construction

Made from stainless steel, both bar variants are corrosion resistant and long lasting.

LEV01 for tight-head steel drums

Suitable for tight-head steel drums, this lever bar connects to the upper lip of the drum. Rotate the drum manually using the 1.2m of leverage provided by the bar.

LEV02 for open-top steel drums

For use with open-top steel drums; again, this lever bar connects to the upper edge of the drum. Use manual effort and leverage to rotate the drum.

Drum suitability

Our LEV01 is compatible with 200-litre tight-head steel drums, while our LEV02 is for use with 200-litre open-top steel drums.



Industrial Drum Dolly

DDL200

Our drum dolly is suitable for moving drums of up to 220 litres around the workplace. You can load the dolly using an STS drum lifter or another suitable drum lifter. It is made from mild steel and has a powder-coated finish.

High-quality wheels

This model has 100mm fixed front wheels and 100mm rear-braked castors. When you leave the dolly in a stationary position, the braked castors ensure the dolly remains still.



Fixed handle

Positioned at an ergonomic height, the fixed handle allows you to easily and comfortably move drums around the factory floor.

Drum suitability

You can use our Industrial Drum Dolly to transport a variety of drum types, shapes and sizes.

Optional features

-  **ATEX option**
-  **Stainless-steel model**



Powered Drum Lifter

DPC01

Increase efficiency and eliminate manual handling with our powered drum lifter. Operators can safely lift and move a wide range of drum types weighing up to 350kg.

Automatic beak grip

The drum gripper is able to grip onto a range of different steel and plastic drums. Operators simply drive the unit towards the drum until the gripper makes contact; they then raise the gripper and it automatically clamps the top lip of the drum.

Battery-powered drive system

Our battery-powered drive system comprises two 180Ah batteries and an electric drive motor. The efficient drive motor is controlled using a rear tiller assembly, which combines industry-standard controls as well as the drum lift and lower functions.

Counterbalance design





With no legs in front of the lifter, drums can be placed without difficulty on a range of different platforms, including pallets, bunds, conveyors, machines and dollies. Our counterbalance drum lifter can be specified for different drum weights by adding additional counterweight.

Tiller controls

Our battery-operated drive system is controlled from the rear via a steerable tiller. The speed control is variable and is adjusted using the throttles on the tiller. An anti-trap switch protects operators during use and a built-in horn is fitted to warn personnel in the vicinity.



Optional features

-  Stainless-steel model
-  Variable lift height
-  Increased SWL
-  Load cell weighing system

Side-Shift Drum Depalletiser Stainless Steel

DTP04-SS

Constructed from 304-grade stainless steel, this unit is designed for use in pharmaceutical and food production facilities. The unique over-pallet design allows the lifter to move effortlessly over and above the pallet.

Side-shift lifter body

Fourteen precision bearings smoothly slide the central lifter left and right, giving you straightforward access to the whole pallet. A toggle clamp can be used to lock the lifter body into position, allowing for precise control and reducing placement gaps during handling.

Universal drum catch

Innovative and adjustable, the catch can be easily adapted to suit steel and plastic drums from 50 to 220 litres in volume; even HDPE MAUSER drums are easy to handle with this drum lifter.

Stainless-steel ladder rack

The rack allows the catch to be placed at different levels to accommodate drums of different heights; each increase in rack position moves the catch up 130mm. The unit offers a minimum under-drum lift clearance of 370mm.




Manual hydraulic pump

Each drum lifter is fitted with a hydraulic pump assembly. The pump supplies hydraulic oil to a stainless-steel sheaved lift ram. The pump itself is encased within a sealed shroud to protect it from dirt and debris.

Chemical-resistant wheels

Each unit is fitted with stainless-steel braked castors; wheels are specified to meet the requirements of a range of different industries.

Optional features

-  **ATEX option**
-  **Variable lift height**
-  **Variable leg dimensions**



Corner Drum Depalletiser Stainless Steel

DTP05-SS

This model is constructed from 304-grade stainless steel with a stainless sheaved ram assembly. Popular in food and pharmaceutical environments, it has been designed to be reliable and hard-wearing.

Corner straddle design

With legs mounted at 90°, this versatile unit can approach any pallet from the corner, making it useful in restricted areas.

Universal drum catch

The stainless-steel catch can handle all types of plastic (HDPE) drums including L-ring and MAUSER styles. Adjustment is carried out by moving the position of the top hook using a quick-release pin.

Stainless-steel ladder rack

With multiple rungs, the rack allows the catch to be placed at different heights; each increase in rack position moves the catch up 130mm. The unit offers a minimum under-drum lift clearance of 370mm.



Manual hydraulic pump

Each drum lifter is fitted with a hydraulic pump assembly. The pump supplies hydraulic oil to a stainless-steel sheaved lift ram. The pump itself is encased within a sealed shroud to protect it from dirt and debris.

High quality castors

Each unit is fitted with stainless-steel braked castors; wheels are specified to meet the requirements of a range of different industries.

Optional features

-  **ATEX option**
-  **Stainless-steel model**



Universal Drum Trolley

DTC01

The most adaptable drum trolley on the market. With our ergonomic design, you can easily and comfortably move drums weighing up to 350kg and ranging from 50 to 205 litres in capacity.

Award-winning design

Using unique geometry, our innovative mechanism positions the wheels directly beneath the load. Whether you're lifting a 50kg barrel or a 350kg drum, input force is always below 20kg, making this one of the safest drum trolleys on the market.

Adjustable catch assembly

The catch vertically adjusts for maximum flexibility and a range of hook positions allow you to connect to many different drums, from 50 to 205 litres.

Balanced load

By positioning the centre of gravity directly over the wheels, this trolley gives you ultimate stability and control when transporting drums.

Stainless-steel construction

Constructed from corrosion-resistant stainless steel, our trolleys are used across the manual handling industry and are long lasting in harsh environments.

Chemical-resistant wheels

Every wheel has precision bearings for superior performance. We use elasticated rubber tyres on each trolley.

Optional features

Ex ATEX option



Drum Dispensing Cradle

DCR01

Move 200-litre drums from a vertical to horizontal position with low levels of effort. Purpose-built for decanting steel and plastic drums, this cradle features a movable handle and braked castors, and has a decanting height of 350mm.

Low operator effort

The long handle provides operators with leverage to orientate drums weighing up to 300kg ergonomically, with an input load below 25kg.

Handle storage

When horizontal, the handle is stored in the base to ensure the cradle remains stable whilst in the decanting position.

Stainless-steel construction

Suitable for the paint, chemical and adhesive industries, among others.

Braked castors for parking

Front brakes can be used to keep the cradle stationary during dispensing.

Optional features

Ex ATEX option



Drum Rollover Cradle

DCR02

We've designed this unique cradle to move 200-litre drums from vertical to horizontal in a safe manner. It's perfect for positioning drums so that a stacker or forklift truck can lift them and place them into racking.

Low operator effort

Comfortably orientate drums weighing up to 300kg using an input force lower than 25kg.

Unique design/forklift unloading

Once you've rotated a drum, you can use forked equipment to lift from underneath, removing the drum from the cradle; ideal if you need to place drums into storage racking horizontally.

Stainless-steel construction

304-grade stainless steel ensures the unit is long lasting and will not corrode.

Drum suitability

We've designed our Drum Rollover Cradle to allow you to handle 200-litre straight-sided drums.

Optional features

Ex ATEX option



Gas Cylinder Trolley

CTS01

For transporting gas cylinders with ease, we've designed a durable, robust and ergonomic unit. Our cylinder trolley allows you to move heavy cylinders in the workplace.

Stainless-steel construction

We construct all of our gas cylinder trolleys from corrosion-resistant stainless steel. By using the finest materials, we ensure that our trolleys are durable, providing you with reliable and long-lasting equipment.

Unique wheel arrangement

Small wheels at the front of the unit allow you to tip the trolley upright; you can then move the baseplate under the cylinder before tilting the trolley back into position. The four main wheels offer exceptional manoeuvrability; the cylinder trolley can tackle small steps effortlessly.

Safety chain

To ensure the cylinder is secure and fastened into place, we've fitted the unit with a safety chain. While the trolley itself supports the cylinder and provides stability, the chain brings a second level of safety to the unit.

Optional features

Ex ATEX option



Gas Cylinder Trolley with Lifting Hoist

CTS02

As durable and ergonomic as our Gas Cylinder Trolley (CTS01), with the added feature of a lifting hoist, enabling you to lift the loaded trolley from the ground to move it onto different levels.

Unique wheel arrangement

The main four wheels are 160mm in diameter and are made from elasticated rubber. Each wheel has two precision bearings, reducing rolling resistance. Additional small front wheels allow you to manoeuvre the unit into position with the trolley in the vertical position.

Fixed clamping band

A fixed clamping band keeps the cylinder secure in the trolley when you're using the hoist. The supplied band suits cylinders with a diameter of 230mm.

Certified lifting hoist

We build the trolley with a fully tested and certified lifting hoist. Once you've secured the cylinder into the trolley, use an overhead crane or derrick for lifting.

Optional features

Ex ATEX option



47kg Gas Cylinder Trolley

CTS03

LPG gas cylinders are heavy and pose a manual handling risk to employees. We developed the CTS03 trolley to make transporting LPG bottles safer, whether moving cylinders inside or outside.

Low operator effort

Unique geometry assists in distributing cylinder weight and therefore reduces the load an operator experiences.

Stainless-steel construction

Constructed from corrosion-resistant 304-grade stainless steel, equipment is durable and robust.

Unique wheel arrangement

Elasticated rubber wheels at the front and pneumatic wheels at the rear make this unit great for use on rough terrain. Two additional small wheels at the front help when loading a cylinder.

Safety chain

To retain the cylinder during transit, the unit is supplied with a safety chain.



Optional features



ATEX option

Suitable for use in ATEX Zone 1, 2, 21 and 22 environments, certified to ATEX Directive 2014/34/EU.



Stainless-steel model

Constructed from 304-grade stainless steel, suitable for clean rooms and good manufacturing practice (GMP) areas.



Electric-hydraulic lift

For non-ATEX applications, adapt a manual or pneumatic unit to be electric, with battery-operated hydraulic lift.



Pneumatic-hydraulic lift

If you have a need for ATEX equipment, we can supply an air-powered unit that requires an airline connection to operate.



Powered drum clamp

Improve efficiency using hydraulic-powered clamping arms. Our unique flexible pads can clamp drums from 50 to 220 litres.



Powered drum rotation

For time-critical pouring applications. Controlled from the rear panel or the front of the machine.



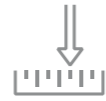
Power drive system

Power drive tiller steering for effortless control, with battery and pneumatic options.



Telescopic/variable lift height

Increase lift heights using taller lift rams and/or dual-mast lifting channels.



Variable leg dimensions

If machinery integration is critical, choose tailored leg dimensions to suit your facility.



Increased SWL

Raise the safe working load (SWL) for handling heavier drums; tailor the capacity to suit your containers.



Fixed-size drum band

Faster securing and handling for 200- to 220-litre steel and plastic drums.



Load cell weighing system

Weigh drums while you handle them. A digital read-out provides real-time information.



Drum inserts and adapters

We can accommodate smaller drums using a variety of band inserts or adaptor frames.

ATEX feature

What is ATEX?

ATEX-certified equipment is required in hazardous areas where there is a risk of fire or explosion. The equipment must be designed and certified to ensure no ignition source exists and no sparks can be generated.

Our experience

We're pioneers in ATEX manual handling equipment – over the last 20 years we have built up extensive knowledge and capability in manufacturing ATEX-certified products for hazardous areas. We can supply equipment that is safe for use in Zone 1, 2, 21 and 22 environments.

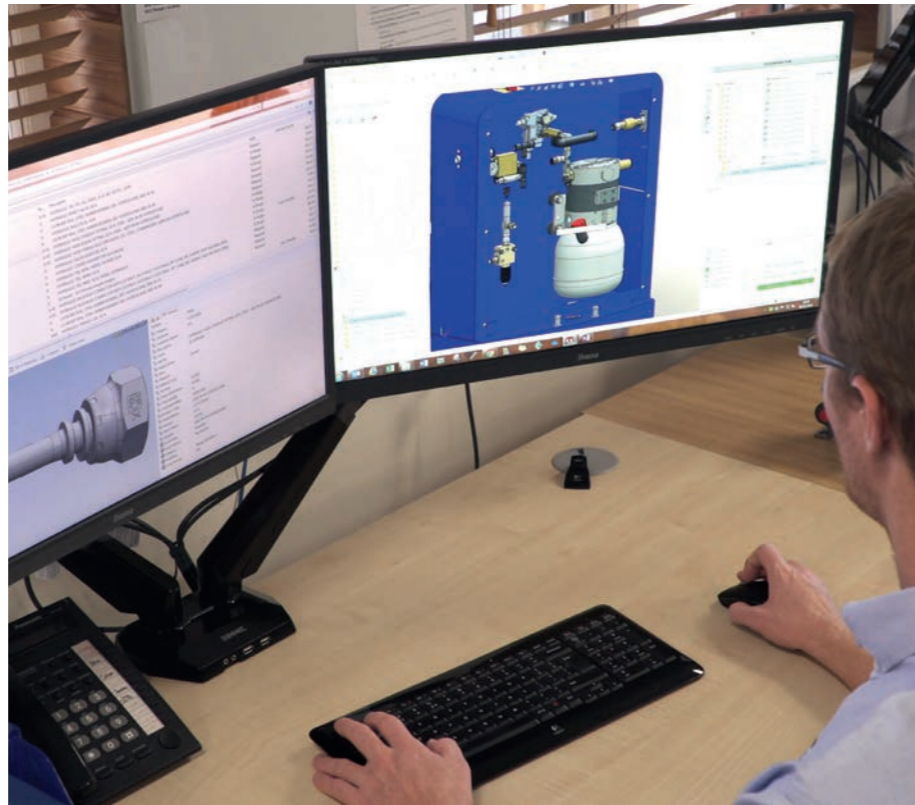
Which products can be ATEX certified?

All STS products can be supplied in an ATEX configuration. ATEX models will be either manual or pneumatic-powered to allow compliance. Manual models are operated by hand, whereas pneumatic models require an airline connection to power the hydraulic systems.

What we do

For each and every ATEX unit we design, we carry out an ignition hazard risk assessment as required by the regulations. Our ATEX units are manufactured to ensure electrical continuity, meaning a path to ground is always present. Equipment is certified and technical files are logged with CSA Group (previously Sira) in the United Kingdom. We supply a manufacturer's EU Declaration of Conformity, which states compliance with the ATEX Directive 2014/34/EU.





Our bespoke process

1

Initial enquiry

A member of our product team will get to the heart of your handling application.

2

Expert advice

Our technical team will work with you to develop the specification for a product that suits your requirements. We utilise conference calls, site visits and media exchanges to cover all angles.

3

Detailed proposal

We will provide a detailed offer containing the key features and dimensions, along with a price for the unit and any options discussed.

4

Concept design

Upon order, our designers produce a 3D model detailing the unit's key features, as well as general arrangement drawings and an operation storyboard to show how the equipment will work.

5

Detailed design and manufacture

Once you have approved your design, our production team will manufacture your unit at our factory in the United Kingdom.

6

Testing

This is an integral part of all projects and includes stability assessments and load tests. You are welcome to visit us to oversee the final testing process.

7

Product support

Once your unit is on-site, one of our product team members will be available to assist with any questions you may have. Each unit is supplied with a comprehensive training video and all applicable documentation.

Contact us

If you want to know more about our products and the service we provide, do get in touch. Whether you need a standard or tailor-made solution, we can help.

We are able to ship equipment direct from our UK factory to overseas destinations. We also work with distributors in Belgium, France, Spain, Netherlands, USA and Australia.

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