

antalis/ PACKAGING MACHINERY

MACHINERY SOLUTIONS. MATERIALS. ENGINEERING SERVICES



**SMART
PACKAGING
MACHINERY**

PACKAGING MACHINERY AND SOLUTIONS

OVER 25 YEARS OF SOLUTIONS FROM ANTALIS

Antalis's machinery know-how is delivered by our expert-leading packaging machinery division, who for over 25 years have specialised in selling packaging equipment and creating solutions to solve some of the most complex packaging challenges. This has been achieved through the application of experience, engineering expertise and industry know-how, combined with market leading machinery.



Whether you are looking to introduce a machine for the first time or build on your current system, Antalis will help you benefit from:



COST SAVINGS: through reduced use of packaging materials and waste reduction



TIME SAVINGS: through a faster or automated packaging process, leading to shorter packing times



HEALTH AND SAFETY: machinery will provide an improved working environment and less physical strain on employees compared with a manual process



ENHANCED PRESENTATION: of finished product



REDUCED PACKAGING CONSUMPTION: through the application of dynamic machinery, producing efficiency improvements



REDUCED LABOUR COSTS: machinery and automation improves operational efficiency

PACKAGING MACHINERY AND SOLUTIONS



ALL EQUIPMENT IS
SUPPLIED AND
SUPPORTED BY OUR
VERY OWN TEAM OF
UK BASED ENGINEERS.



Machinery and Solutions

Machinery is available to support every step of your packaging distribution operation including pallet wrappers, case erectors, strapping equipment, fully bespoke solutions, and more. Consumables and accessories are also available to help you optimise your equipment.



Consultation and Advice

Our experts are on hand to answer your machinery questions and guide you to select the right option for your business, as well as advice on optimisation of consumables. We also offer a consultation service where our experts review your current process and identify where machinery can provide improvements.



UK wide Technical Services and Engineering Support

Antalis provide an unrivaled customer experience to all of our clients covering machinery and automation design, installation and maintenance by our in-house team. Training is also available to support you to get the most from your machine as well as industry leading warranties, spare parts and flexible payment options.

INTRODUCING OUR PARTNER

Lantech®



Founded in 1972, at the peak of an energy crisis, Lantech made an impact on the world by inventing stretch wrapping and sparking a packaging revolution that spread around the globe and changed the way pallets of products are unitized for shipment. Now, billions of pallet loads are stretch wrapped every year.

Today, we build case handling machines in the Netherlands and stretch wrapping machines in the United States. Where our customers are, we are.

Our mission is simple: to reduce or eliminate the huge amount of shipping damage that occurs as products make their way from their point of manufacture to their destination.



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PALLET WRAPPING

We have a complete range of pallet wrapping equipment including semi and fully automatic stretch wrappers offering wrapping speeds up to 180 pallets per hour. We also have manually operated mobile wrapper options to suit every application. The machines are designed to increase wrapping speeds, improve load stability, increase consistency and presentation, making your process more cost effective.

LANTECH® SEMI-AUTOMATIC STRETCH WRAPPERS

PRODUCT DESCRIPTION

- Semi-automated turntable and straddle stretch wrappers
- From the pioneers of stretch wrapping systems

FEATURES

- There is a Lantech model to match your material handling needs - forklift, pallet truck or conveyor
- Semi-automated models offer dual turntable, pit mounted design, scale ready turntable, auto film cut-off and top platen load stabiliser, as well as extended wrap height option and pallet grip
- Lantech systems pre-stretch any quality commercial film up to 300% Modular upgrades and retro fits available

SYSTEMS

- Q-300 - the power pre-stretch roll carriage gives greater coverage with less material
- S-300 - straddle system ideal for light, heavy or unstable loads
- XT models automatically attach and cut the film, improving productivity by keeping the operator on the fork truck
- Q-300 XT Plus model wraps the load and moves it out of the way for the next load, eliminating double-handling

BENEFITS

- + Lowest cost to wrap your loads
- + The best load containment results, load after load
- + Film loading is fast and easy due to the patented E-Z thread roll carriage
- + No scheduled maintenance on semi-automatics
- + 3 year warranty as standard, 5 year options available

SEMI-AUTOMATICS	WRAP SYSTEM	PRODUCTION SPEED
Lantech Q-300	Turntable	Up to 25 loads per hour
Lantech Q-300XT	Turntable	Up to 25 loads per hour
Lantech Q-300XT Plus	Turntable	Up to 25 loads per hour
Lantech Q-400	Turntable	Up to 25 loads per hour
Lantech Q-400XT	Turntable	Up to 25 loads per hour
Lantech S-300	Straddle	Up to 25 loads per hour
Lantech S-300XT	Straddle	Up to 25 loads per hour

Lantech Q-300



Lantech Q-300XT



Lantech S-300



PALLET WRAPPING

LANTECH® AUTOMATIC STRETCH WRAPPERS

PRODUCT DESCRIPTION

- Fully-automated turntable, straddle and ring stretch wrappers
- From the pioneers of stretch wrapping systems

FEATURES

- Automation with minimum floor space required
- Q-Series automated models offer 14 load/unload choices, top sheet dispenser, top platen load stabiliser, 90° infeed/exit flow, load underwrap, extended mast and a variety of conveyor configurations
- Lantech systems pre-stretch any quality commercial film up to 300%
- Light, tall unstable loads – no need to rotate on S and RS series

SYSTEMS

- Q-1000 - lowest cost system in the automatic range
- S-1500 - increase throughput with minimum space requirements
- S-2500 - reliable operation in demanding high speed applications
- S-3500 - meets high throughput requirements; wraps tall, lightweight unstable loads
- S-4000 - special conveyor staging eliminates wasted time to achieve over 120 loads per hour
- RS-6000 - ring wrapper achieves up to 180 loads per hour

BENEFITS

- + Includes Lantech exclusive Lan-Logix operator control
- + Film loading is fast and easy due to the patented E-Z thread roll carriage
- + Pallet-grip locks the load to the pallet
- + Load seeking clamp holds film against the load
- + Precise application of wrap force
- + Lowest cost to wrap your loads, shift after shift
- + 3 year warranty as standard, 5 year options available
- + Bespoke and design service available.

AUTOMATICS	WRAP SYSTEM	PRODUCTION SPEED
Lantech Q-1000	Turntable	Up to 50 loads per hour
Lantech S-1200	Straddle	Up to 45 loads per hour
Lantech S-1500	Straddle	Up to 60 loads per hour
Lantech S-2500	Straddle	Up to 80 loads per hour
Lantech S- 3500	Straddle	Up to 90 loads per hour
Lantech S-4000	Straddle	Up to 120 loads per hour
Lantech RS-6000	Ring	Up to 180 loads per hour

Lantech Q-1000



Lantech S-3500



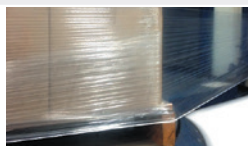
Lantech RS-6000
Ring Wrapper





LANTECH® MACHINE ACCESSORIES

PALLET GRIP



Tightly unwinds 100-150mm of stretch film web into a high strength and durable film cable, locking the load to the pallet.



WEIGH SCALE OPTION



Combines integrated load cells, under the Q series, providing accurate weighing capacity. Can also be combined with a printer to produce printed adhesive labels. This feature is particularly useful for check weighing prior to despatch.

MAST EXTENSION KIT



Increases wrapping height. Retrofit options are available to take the standard wrap height from 2030mm to 2900mm.

DUAL TURNTABLE KIT



Increases wrapping capability. This retrofit enables an increase in throughput speed from the standard 25 to 40 pallets per hour.



CONSUMABLES

MACHINE FILM

Choose from our range of machine stretchfilms including cast film and our reinforced fibre film, designed to provide both excellent load stability and reduced material consumption by upto 40%.

PALLET TOP SHEET

Pallet top sheets are ideal for covering pallets to protect them from dust, damp and rain during storage and transit. Top sheets can be used in conjunction with manual and automated stretch wrapping.

PALLET BOARDS

Made from a range of materials, our boards can be used for pallet lining, cushioning and dividing.

EDGE PROTECTORS

Made from fibreboard, this range of edge protectors can be added to your pallets to prevent damage.

MODULAR ELECTRIC TOP PLATEN



Allows the top of the pallet to be held whilst being rotated during the wrapping cycle, increasing the wrapping speed and reducing the risk of damages.

PALLET WRAPPING

MOBILE MANUAL PALLET WRAPPER

APPLICATIONS:

- Manual solution to apply stretch film around a pallet like a machine
- Dimensions: W560mm x D1150mm x H2100mm

ADVANTAGES

- + Significant reduction in operator fatigue with no need to crouch or reach high to apply film
- + Wraps up to 2M
- + Adjustable and controllable film tension to give an even wrap
- + Reduces film consumption compared to hand wrapping
- + Machine can be easily moved to the pallet removing the need for a centralised wrapping area
- + Can use a variety of film grades





710S PALLET WRAPPER

APPLICATIONS

- Semi-automatic pallet wrapping
- Protection against damp and dirt, theft proof

ADVANTAGES

- + Height detection by means of photocell
- + Adjustable turntable and film carriage speed
- + Adjustable top and bottom wraps
- + Mechanical film carriage
- + Mechanical film brake
- + Optional ramp available for pallet trucks or low-floor vehicles
- + Cost effective for customers who wrap up to 30 pallets per day

710S



710P PALLET WRAPPER

APPLICATIONS

- Pre-stretch pallet wrapping
- Protection against damp and dirt, theft proof

ADVANTAGES

- + Height detection by means of photocell
- + Adjustable turntable and film carriage speed
- + Adjustable top and bottom wraps
- + 3 different wrapping programs: simple, cross and rainproof wrapping
- + Mechanical film carriage
- + Pre-stretch up to 200%
- + Optional ramp available for pallet trucks or low-floor vehicles
- + Cost effective for customers who wrap over 30 pallets per day

710P



PALLET WRAPPING



OTHER ACCESSORIES AVAILABLE

TURNTABLE DIAMETERS

- The Q series is supplied with a 1650mm diameter turntable as standard. 1830mm and 2440mm diameters are also available

COLD/FREEZER PACK

- Enables the Q series to operate in a cold environment, from 0 to -18°C. The freezer pack option works from -18 to -30°C

WASH DOWN PACKAGE

- Required when the system is subject to liquid spills and/or requires a wash down with water at mains pressure

HEAVY DUTY RAMP

- Required when Pallet trucks/PPTs are used to load and unload the turntable
- Weight capacity 4,550kg
- Ramps can be supplied to suit 1650mm, 1830mm and 2440mm turntables

PIT MOUNTED OPTION

- Brings the turntable to floor level eliminating the need for ramps. This option is particularly useful when handling very heavy and unstable loads

UPGRADED TURNTABLE CAPACITY

- For wrapping loads up to 2,250kg

CORROSIVE DUTY PACKAGE

- Recommended for use in corrosive environments, including salts and fertilisers

MACHINE ACCESSORIES

- Conveyors, Guarding, Ramp, Weigh Scale



Our range of case erectors automatically erect a flat packed box ready for the contents to be added. Different options are available with production speeds ranging from 10 – 22 cartons a minute. Not only is the process faster, safer and more productive than manually formed cartons, it also provides consistent package quality and reduces waste.

Additional equipment can be added to place an item in the box, close it and seal ready for delivery. Please see case packaging and case sealing sections (page 13-15) to find out more.

LANTECH® AUTOMATIC CASE ERECTORS

PRODUCT DESCRIPTION

- Automatic case erectors from Lantech
- Erect and seal a wide variety of box types

APPLICATIONS

- Lantech case erectors always open boxes squarely
- Flaps folded without overlapping where they meet in the middle
- Tape or hotmelt glue is applied securely and evenly at the bottom of the carton

ADVANTAGES

- + Faster, safer and more productive than manually formed boxes
- + Erects boxes with imperfect glue joints, eliminating machine jams
- + Pickup frame provides positive control of boxes
- + Overcomes common carton manufacturing variation
- + Ergonomic design of powered magazine allows easy and consistent loading of blanks
- + Bottom flaps are folded while the box is held stationary in the pickup frame
- + Compact, small footprint

LANTECH C-SERIES	PRODUCTION SPEED
Lantech C-300	Up to 10 cartons per minute
Lantech C-400	Up to 8 cartons per minute
Lantech C-1000	Up to 22 cartons per minute
Lantech C-2000	Up to 15 cartons per minute

Model C1000H



Model C1000T



CASE ERECTING

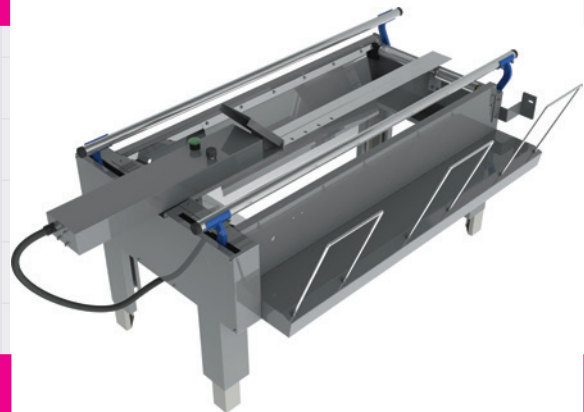
SEMI-AUTOMATIC CASE ERECTING PACKING STATION

APPLICATIONS

- Semi-automatic solution to erect a flat-packed box
- Box is positioned in the machine, the operator activates the machine and the bottom panels are closed. The box is held in position until the operator adds the contents
- Can be added to the 320 case sealing machine

ADVANTAGES

- + Quick and easy to use
- + Machine is compact so takes up little space
- + Allows for quicker packing times
- + Machine is affordable
- + Achieves cost savings



CONSUMABLES

BOXES

We supply a range of boxes suitable for use on your chosen case erector. Our machinery experts will help you select the most appropriate option for your machine and budget.

+ CASE ERECTOR ACCESSORIES

FIXED AND FLEXIBLE CONVEYORS

BOX LABEL PRINTING



Our Case Packers offer an all-in-one solution for case erecting, packing and sealing. The very compact top loader erects the case and places it in the loading position. A pick and place unit then moves the product from an integrated in line feed conveyor and places it in the box, which is then fed through the closing and sealing unit. Our Case Packaging Solutions are bespoke designed to fit your needs and budget.

CASE PACKERS

PRODUCT DESCRIPTION

- Machine automatically erects, packs and seals boxes
- Offered as a bespoke solution

FEATURES

- Built in case erecting unit
- Easy learn pick and place system
- Built in case closing and sealing unit
- Touch screen operator control box
- Product in feed conveyor

ADVANTAGES

- + Production speeds up to 10 cases or 25 pick-up movements per minute (dependent on height, weight and formation of products)



+ CASE PACKER ACCESSORIES

FIXED AND FLEXIBLE CONVEYORING
LEAFLET DROP
BESPOKE OPTIONS



CASE SEALING

Our case sealing machines are the perfect addition to your case erector, giving you the option to automatically seal boxes with tape or glue at production speeds of up to 30 cases per minute. The machines support efficient case sealing by keeping boxes square as they are fed through the machine and properly folding flaps for a reliable and secure package.

LANTECH® CS-300 AUTOMATIC CARTON SEALER

PRODUCT DESCRIPTION

- Automatic carton sealer from Lantech
- A new standard for productivity and efficiency in carton sealing applications

APPLICATIONS

- Handles all types of flutes, double wall and single wall, and most common size cartons
- Rapid adjustment for different carton size
- Safe and easy to operate with a reliable performance

ADVANTAGES

- + No scheduled maintenance
- + Folding area fully guarded
- + No fine tuning required
- + No periodic lubrication necessary
- + Long life drive belts
- + Innovative construction of drive belts



LANTECH® CS-1000 CASE SEALER

PRODUCT DESCRIPTION

- Automatic case sealers from Lantech
- Choose from Tape or Hotmelt case sealers
- Production speed of up to 30 cases per minute

APPLICATIONS

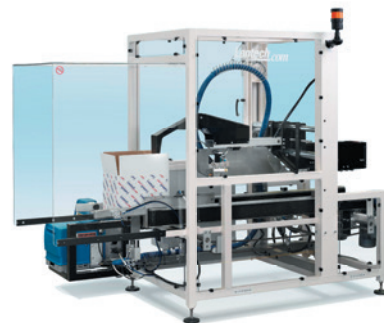
- Prefolds the short flap to avoid packaging damage and improve reliability of packaging process
- Top closing
- Machine can be modified for a variety of case dimensions

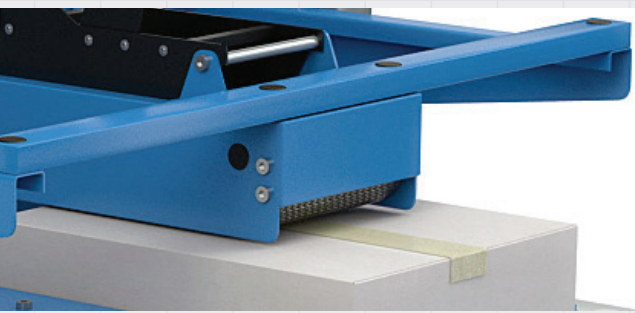
AVAILABLE

- CS-1000 Tape Case Sealer
- CS-1000 Hotmelt Case Sealer
- Wide range of cases
- Bottom tape sealing
- Optional case infeed guiding with separator

ADVANTAGES

- + Continuous motion operation
- + Modest dimensions make integration in almost every production possible
- + Easy adjustment to different case sizes
- + Easy to use





320 CASE SEALER

PRODUCT DESCRIPTION

- Carton closing and sealing machine

APPLICATIONS

- Automatic sealing of cartons on the top and or bottom with tape
- Suitable for use in various industries such as logistics, retail, wholesalers and contract packers

ADVANTAGES

- + Simple, safe, user-friendly operating
- + Easy to adjust for different carton sizes
- + Easy tape and dispenser replacement
- + Can be used in a mobile and flexible way
- + Adjustable tape tension, pressure, knife
- + Optional items available, in /out feed rollers, braked castor's



CONSUMABLES

MACHINE TAPE

We have a range of machine tape suitable for use on your case sealing machine. Choose from clear or buff colours and a variety of widths to suit your needs and budget. Printed tapes are also available.



CASE SEALER ACCESSORIES

FIXED AND FLEXIBLE CONVEYORS
CASTERS

STRAPPING

Our range of strapping equipment is ideal for applying strapping to secure a box or collation of packages. With options ranging from hand strapping devices to table and automatic strapping machines, you can choose the right solution for your operation. All machines offer quick application, are versatile and produce secure strapping.

410T TABLE STRAPPING MACHINE

APPLICATIONS

- Strapping of shipping packages
- Strapping of cartons
- Collation of packages

ADVANTAGES

- + Simple reel swap over
- + Continuously adjustable strap tensioning
- + Mobile i.e. flexible applications
- + Very quiet sealing head
- + Simple installation and operation
- + Low maintenance



410AS AUTOMATIC STRAPPING MACHINE

APPLICATIONS

- Strapping of shipping packages
- Strapping of cartons
- Collation of packages

ADVANTAGES

- + Fully automatic strap adjustment
- + Simple reel swap and simple threading system
- + Adjustable strap tensioning
- + Mobile, i.e. flexible applications
- + Positively controlled strap operation
- + Simple installation and operation
- + High performance, high efficiency
- + Low maintenance
- + Soft strapping of individual or very soft packages
- + 8mm or 5mm strap options available



481 HAND STRAPPING DEVICE

APPLICATIONS

- Pallet and load securing
- Used in almost all logistics sectors
- Suitable for strapping light to medium weight goods
- Ideal for low to medium daily use and suitable for light to medium duty KG loads

ADVANTAGES

- + Enhanced and easy to use, one handed operation
- + 2 x adjustable functions: manual and manual-soft
- + Less operator effort required (because of ergonomically balanced device)
- + Brushless motor for long life operation
- + Permanent display of sealing tension and battery life
- + Short battery charging time and quick battery change
- + Inclusive charger and two batteries





490 HAND STRAPPING DEVICE

APPLICATIONS

- Strapping of pallets
- Wood and sawn products
- Building materials, bricks, concrete blocks and composite stone
- Metal products, steel/aluminium profiles, laminations, etc.

ADVANTAGES

- + Easy to operate
- + Easy handling due to ergonomic shape of the device
- + Four adjustable functions: Automatic, Semi-automatic, Manual and Soft
- + Multifunctional start button
- + Digital display (tension; welding time; battery charging level)
- + Light and fast device
- + Second battery included
- + Short battery charging time
- + Quick battery change
- + Suitable for both polypropylene or polyester strapping



CONSUMABLES

STRAPPING BAND

We offer a variety of strapping widths and colours, as well as plain or printed options. With grades to suit many applications.

MOBILE STRAPPING MACHINE

APPLICATIONS

- Applies 2 vertical straps to UK/Euro Pallets up to 1.8M high
- Dimensions: L2400mm x W800mm x H2550mm
- Weight: 145kgs

ADVANTAGES

- + Reduces costs and strapping time
- + Can be used with Polyester or Polyprop strapping
- + Effortless pallet strapping
- + Machine is portable, so can be taken anywhere
- + Simple operation, no specialised training required
- + Includes bracket to hold friction weld tool and tool tray securely



+ STRAPPING MACHINE ACCESSORIES

FIXED AND FLEXIBLE CONVEYING
LEAFLET DROP
BESPOKE OPTIONS

SHRINK WRAPPING

Our shrink packaging machinery is perfect for any operation where a film covering is used to bundle or seal items in a pack or to shrink film securely around a package for protection. All machines are suitable for use with Polyolefin or PVC shrink grade films.

650R SHRINK MACHINE

APPLICATIONS

- Protect products with a film covering
- Sealing and shrinking in one process
- Suitable for many industries and products

ADVANTAGES

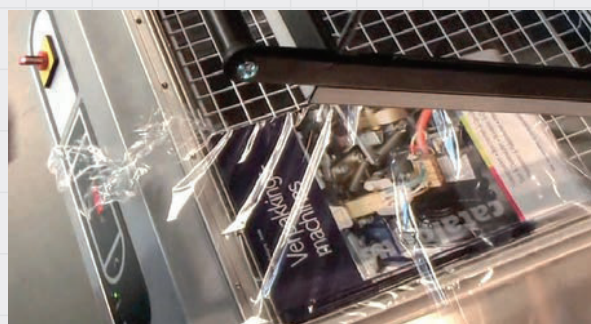
- + Suitable for PVC or ecologically favourable polyolefin film
- + Mobile, i.e. flexible applications
- + 10 adjustable programs available
- + Security check of bonding arms
- + Electronic display
- + High speed
- + Shrink and seal in one go



CONSUMABLES

SHRINK FILM

Our range includes plastic film which will shrink when heated in the machine to seal and secure your products or package. We offer a whole variety of film sizes and grades to suit most applications.



+ SHRINK WRAPPING ACCESSORIES

FIXED AND FLEXIBLE CONVEYING
LEAFLET DROP
BESPOKE OPTIONS

SUPPORT

UK WIDE TECHNICAL SERVICES AND ENGINEERING SUPPORT

Our in-house machinery experts and engineers provide an extended customer service offering with all machine purchases. As a customer you can make the most of:



DESIGN AND INSTALLATION: our in-house engineers create CAD designs to individual customer requirements from conception to installation.



UK MAINTENANCE TEAM: all machines and systems are offered with maintenance agreements, supported by our in-house technicians to minimise downtime.



SPARE PARTS: we stock a range of spare parts which are available from our machinery team.



WARRANTIES: 1 – 3 year warranties as standard with the option of extension. All Lantech Pallet Wrappers come with an unrivalled 3 year warranty with no scheduled maintenance required.



FLEXIBLE PAYMENT: we offer several payment options to suit your needs and budget, including leasing.



TRAINING: training is standard on all our systems to make sure employees are competent in using the machines effectively. Ongoing training options available.





BRANCHES

With branches all over the UK we are well placed to offer Nationwide packaging solutions to our clients, supported by a network of local branches and packaging experts who deliver a personalised service to your needs.



For enquiries and sales support, please contact one of the below offices. Our experts are ready and waiting to help.

Machinery & Systems Team

Email: packaging-systems@antalis.co.uk
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CHECKLIST

MACHINERY SUPPLIER CHECKLIST

Here are some simple questions to test any potential supplier of machinery before you buy.

Take the worry and stress out of buying a machine by setting some time aside to consider the history, experience and support offered by a potential machinery supplier.

Get started with our checklist below.

	Antalis	Other
Number of years supplying equipment in the UK	25 yr's+	
Do they have their own team of UK based engineers	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Do they have a parts department in UK	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Are parts and stock held in the UK	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Do they have dedicated UK office support	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Provide field based technical support	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Offer out of warranty cover and service	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Provide design or project management	<input checked="" type="checkbox"/>	<input type="checkbox"/>
How many machines have they in the UK market	+2,000	<input type="checkbox"/>
Backed by a multi-million pound company	<input checked="" type="checkbox"/>	<input type="checkbox"/>



**ASK ANTALIS, WE HAVE INDUSTRY EXPERTS,
WITH OVER 25 YEARS EXPERIENCE**



NOTES



NOTES



Antalis



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antalis **TEAM**