

ambition

Settling In!

A publication for

AMBiT

PROJECTS LIMITED

We have at last relocated!

We employed the services of Walker Construction Services to manage the civil construction and all went to schedule, with very little time being lost to the weather. Considering the summer we have had this is somewhat surprising.

By early September we made the move, even though we were exceedingly busy, with a heavy workload to complete on tight schedules.

The project offices are spacious and being separate from the factory and production are nice and quite.

The factory now offers more open space. Systems and equipment that before had to be assembled outside can be completed inside. This makes the pre-wiring and pre-delivery inspection much easier and comfortable.



...brand new factory and spacious offices



To increase the overall efficiency a larger and heavier sheet metal folder and guillotine have been installed.

The large open area in front of the factory provides the forklifts and cranes with ample space for loading large items.

Please note our new address.

All other contact details such as telephone, fax and e-mail stays the same.

THIS EDITION OF AMBITION INCLUDES:

Hygienic Design for healthy breakfast products

Ambit website the re-design

Inventor Design Software

Washed Out effective washing of products

Hygienic Design

for healthy breakfast products

It's been a busy time, for not only did we relocate to our new offices and factory but we were also providing more equipment for the breakfast cereal industry. Working with a key supplier, equipment covered a wide range of the processes.

Delivery schedules were tight, but we met the requirements with shipments going to Germany and Poland.



APRON FEEDER BEING LOADED

Our Wheat Cooker was provided with a grit removal feed system, ensuring not only clean wheat but also an even feed. The Cooking System is fitted with energy efficient Venturi steam heating installed into the cook water recycling main. This method of heating ensures that the temperature is maintained between close limits, giving consistent cook quality. The recycling system itself is fitted with continuous fine filtration, which removes particulates that could affect the quality of cook.

The wheat is discharged from cooking onto a vibratory conveyor to cooling and then into a Tempering Bin.

The Surge Bins provide holding capacity and ensure an even discharge. The Apron Feeders have a rotary lump breaker producing an even flow of product to down stream operations.



COOKER ACCESS TO DRUM

The Mill Feed Screw is provided with 20 discharge points with slide gates along its length each feeding an individual mill.

Mounted in front of the ovens are Pan Apron Feeders, each with automatic belt tracking, ensuring that product is fed to the oven on line.

Other equipment provided included Coating Dryers and various conveyors and elevators.

Some equipment required mounting on support structures, which provided operators with access walk and stairways for process monitoring and clean down.



SURGE BIN WITH DISCHARGE SCREW



COATING DRYER FEED END
(under construction)



COOKER STEAM VALVES



Website Re-design

The redesigned web site is now up and running, you can visit us on www@ambitprojects.co.uk.

We are able to keep the site up to date ourselves and provide news of products and systems.

Watch this space.

The site carries back editions of Ambition, which you can download, or if you let us know we can e.mail or post them through to you.

INFORMATION

Should you wish for information on Ambits products or services then please call or e.mail: enquiries@ambitprojects.co.uk or tel: 01553 692977.



Inventor Design software

Visualising then making it happen!

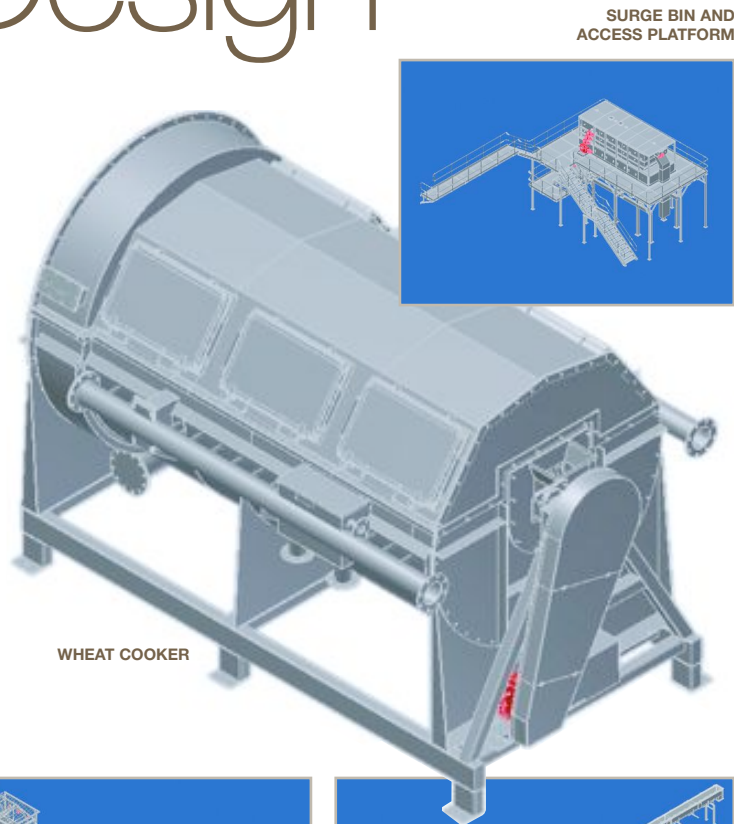
The investment into Inventor advanced computer aided design software is proving invaluable.

The clear views that the full modelling facility gives helps to ensure customers are able to discuss equipment operation as if they are looking at the finished system.

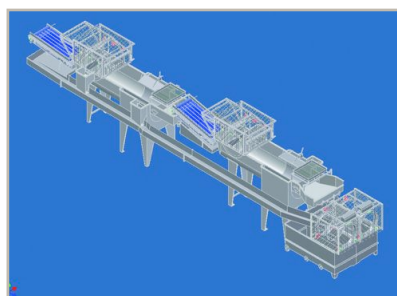
The dimensional checks within the software also ensure that parts that are to be fitted together match. Changing a dimension on one part will ensure that the corresponding parts are also modified.

Our project team works closely with suppliers and production, to ensure systems are completed within the time schedule.

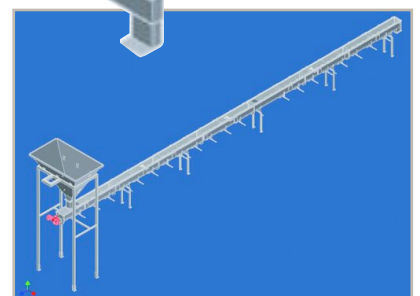
More workstations are planned, with corresponding hardware and staff training.



WHEAT COOKER



WASHING SYSTEM



FEED SCREW

Washed Out

Effectively washing a wide range of products, with some being small volumes often causes producers a problem.

Some products sink while others are very buoyant ideally requiring different washing techniques.

A simple answer is to pass the different produce through a washer in trays either within a bath or under a deluge spray.

Ambit recently supplied a deluge spray system for a producer handling a wide range of fruit and vegetables.

The system was fitted with two alternative deluge systems. The recycled deluge option pumped the water from a collecting tank and through coarse deluge pipe work. Product such as pineapple and melons receive a heavy deluge of treated water with a fine rinse final spray.

The fine mist option provides pre-dosed water for delicate products such as soft fruit.

Check out Ambits washers for a wide range of products

Did you know?

FOUR THINGS YOU PROBABLY NEVER KNEW YOUR MOBILE PHONE COULD DO

In the case of theft, emergency or even life threatening situations your mobile has hidden features.

EMERGENCY

The Emergency Number worldwide for mobile phones is 112. In an emergency and finding yourself outside your own networks coverage, dial 112 and the mobile will search for any network to establish the emergency number for you.

112 can be dialled even if the keypad is locked.

HIDDEN BATTERY POWER

If your battery is very low dial *3370#

Your mobile will start with this reserve and the instrument will show 50% increase in battery. This reserve will be made up next time your mobile is charged.

DISABLE A STOLEN PHONE

Key in *#06# to check your phone serial number. This is a 15 digit number. **Keep it safe.**

If your phone gets stolen, give this number to your service provider and they can block your handset. The phone will not work even if the thief changes the SIM card.

YOUR KEYS GET LOCKED IN YOUR CAR

If your car has remote keyless entry, this may come in handy some day.

Call someone at home on their mobile and ask them to get your spare key then press unlock, holding it close to their phone. By holding your mobile about a foot from your car door it should unlock.

(On the two occasions we know keys have got locked in a car, no one was at home!)



DISCHARGE GRAVITY ROLLERS



WASHER ACCESS DOORS



WASHER TUNNEL

The trays of product are conveyed through the washing tunnel by a plastic modular belt, whose speed is controlled by an inverter.

This facility enables a quick rinse or a more extensive wash to be selected.

The washer is designed to be located at the low risk and high care wall divide. On emerging from the tunnel into high care the tray passes onto a gravity roller conveyor to drain.

The system can be fitted with an air blower to remove surplus water prior to discharge.

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