

Webster Griffin
packed with know how

Case Study 0413

Wagg®

PET FOOD

High Speed FFS Bagging & Palletising





THE CLIENT

Representing good honest Yorkshire value, Harringtons and Wagg pet food are popular brands produced by Yorkshire firm IPN. Wagg Foods is a family owned business that understands the importance of giving pets the best possible food, using quality ingredients that are locally sourced where possible and free from artificial colours and flavourings.

Webster Griffin were awarded the contract to design, manufacture and supply the latest high speed packing line for Wagg Foods

THE CHALLENGE

- Wagg Foods knew they needed a fully automated system from bag filling to dispatch to match demand.
- Flexibility to handle different bag sizes including 10 - 25kg bags.
- A consistent output of neat, square, compact pallets suitable for stor age in their clients automated high bay warehouses.
- 24 hour a day operation at an impressive throughput of 1200 bags/ hour to keep up with the growing demand.
- Ability to stack and wrap 'mini' supermarket shelf retail pallets as well as standard UK and European shipping pallets.
- Integration of an automatic loaded pallet collating machine to combine two mini retail pallets and load them into a standard distribution pallet for supermarket chains' growing demand of fast turnaround.

THE SOLUTION

- Webster Griffin engineered the following totally automated solution:
- The new packing line includes a versatile Tubular Form Fill Seal bagger, multi programme palletiser, pallet collating and wrapping, labelling and conveying through the warehouse to automatic truck loading dock.
- Form Fill Seal Bagging machine capable of a high throughput- 1200 Bags/H
- The versitility to fill bags ranging from 10-20kg and form gusseted and non-gusseted bags from tubular film rolls.
- The automated film loading system for reel changes ensures minimal down time is required.
- Ultra high speed OKURA A1800V palletiser with OXPA 'self teach' software enables Wagg Foods to create and modify the palletising programmes.
- Auto change over of pallets to all sizes of pallet: mini-pallets, Euro pallets, etc.
- The Uniwrap 300AE, to provide reliable weatherproof packaging for distribution within a national logistics network.

THE RESULT

The system was commissioned and installed by our site engineers and delivered the following to our customers.

- Increased throughput with bagging and palletising at a consistent rate of 1200 x 17kg bags an hour, 24 hours a day.
- Neat, square wrapped pallets that are ready for transportation to retailers.
- Automatic pallet labelling.
- Automation of packing lines and warehouse duties which reduces the necessity for manual labour and frees up time for other tasks.
- Integration of packing lines with the Webster Griffin pallet conveying system.
  which receives loaded pallets from 7 automatic packing lines & trans- ports them to the dispatch zone with automatic truck loading system.
- IPN happy with the solution and two additional palletising lines have since been ordered.

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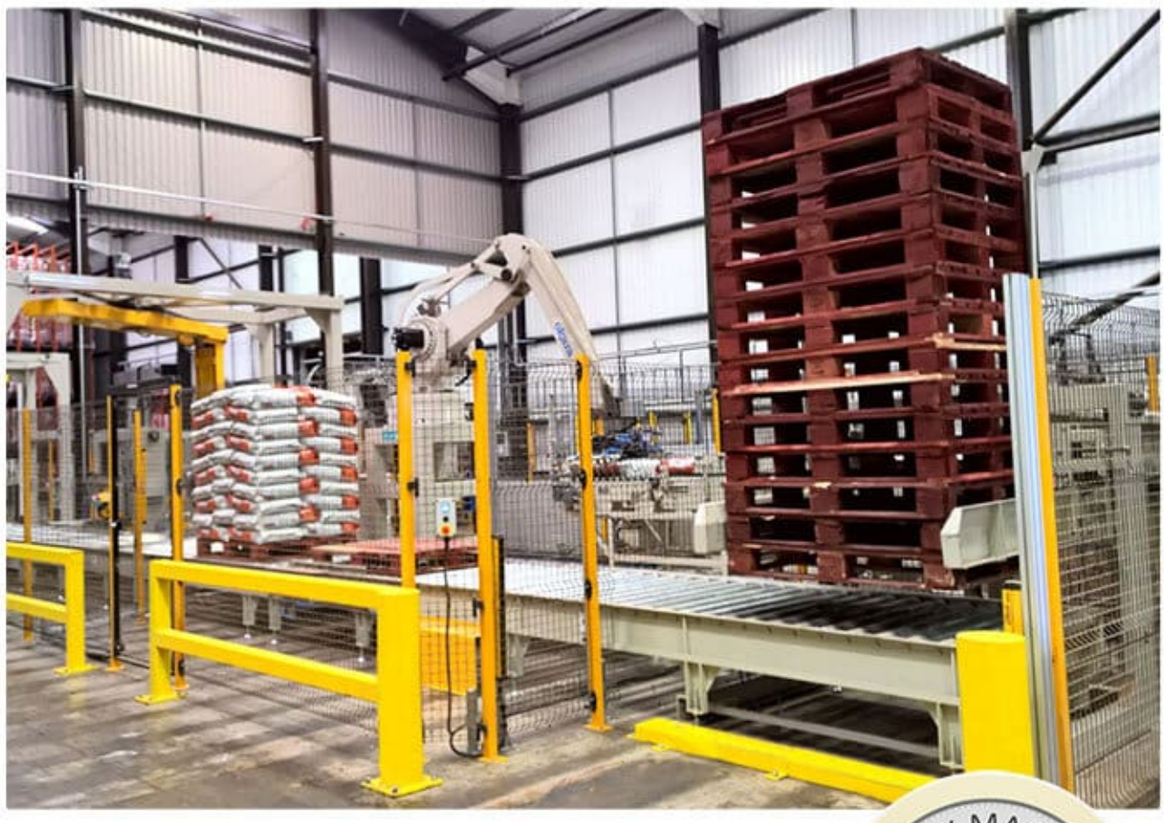












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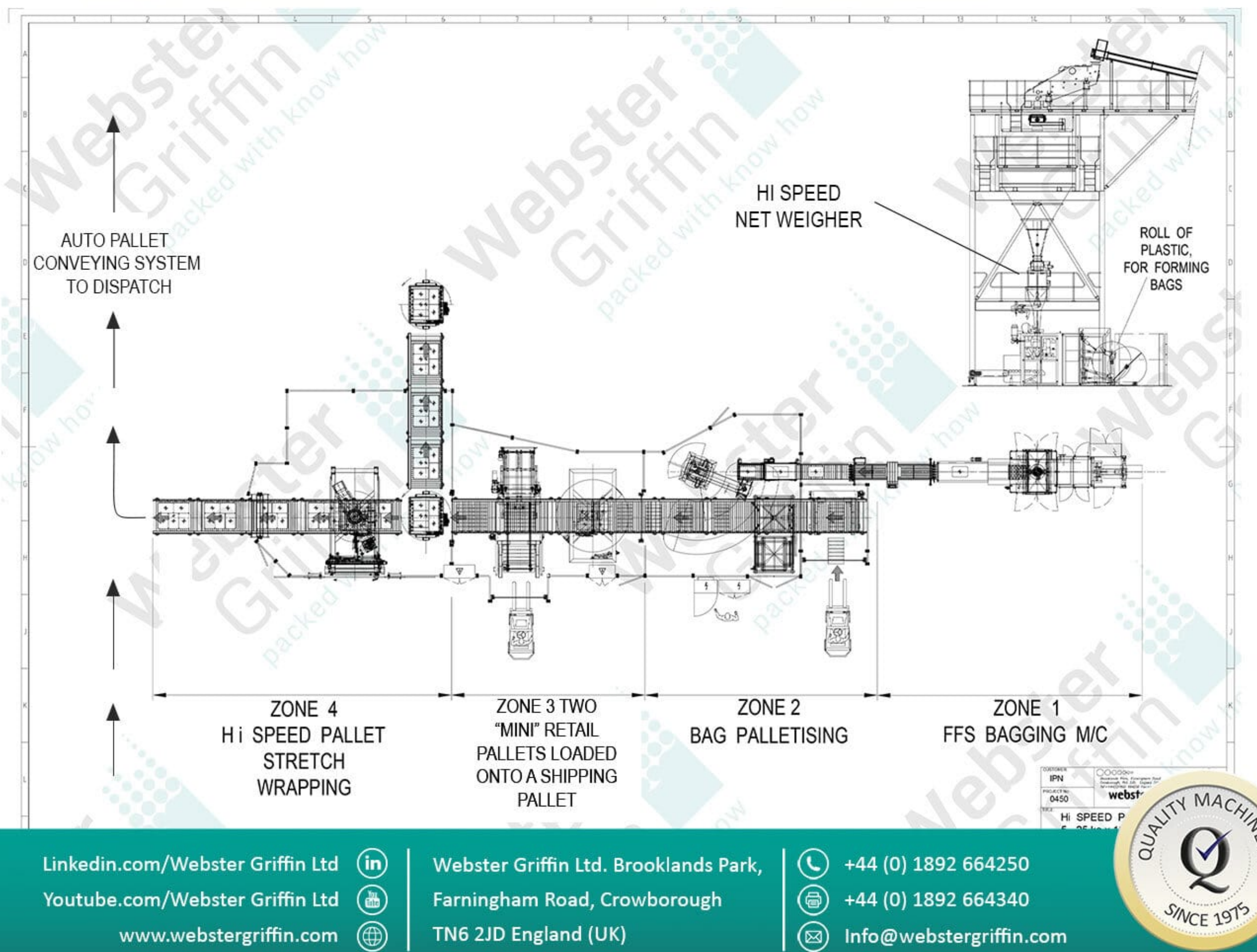
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