

Case Study 0451

HARRINGTONS
The Natural Choice

Webster Griffin
packed with know how

PET FOOD

High Speed Auto Bagging & Palletising





THE CLIENT

Representing good honest Yorkshire value, Harringtons and Wagg pet food are popular brands produced by Yorkshire firm IPN. Harringtons 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 Harringtons.

THE CHALLENGE

- Harrington's knew they needed a fully automated system from bag filling to dispatch to match demand.
- Flexibility to handle different bag sizes including 2.5- 15 kg 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 auto bag packing machine, multiprogramme palletiser, pallet collating and wrapping, and conveying system to the warehouse to automatic truck loading dock.
- Auto Bagging machine capable of 800- 1000 bags/h
- The versitility to fill bags ranging from 2.5- 15 kg and form gusseted and non-gusseted bags from tubular film rolls.
- Ultra high speed OKURA A1800V palletiser with OXPA 'self teach' software enables Harringtons 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 and reliable 24h/day productivity
- Neat, square wrapped pallets ready for transportation to retailers.
- Integration of automatic labelling system.
- 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 high speed 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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QUALITY MACHINERY SINCE 1975



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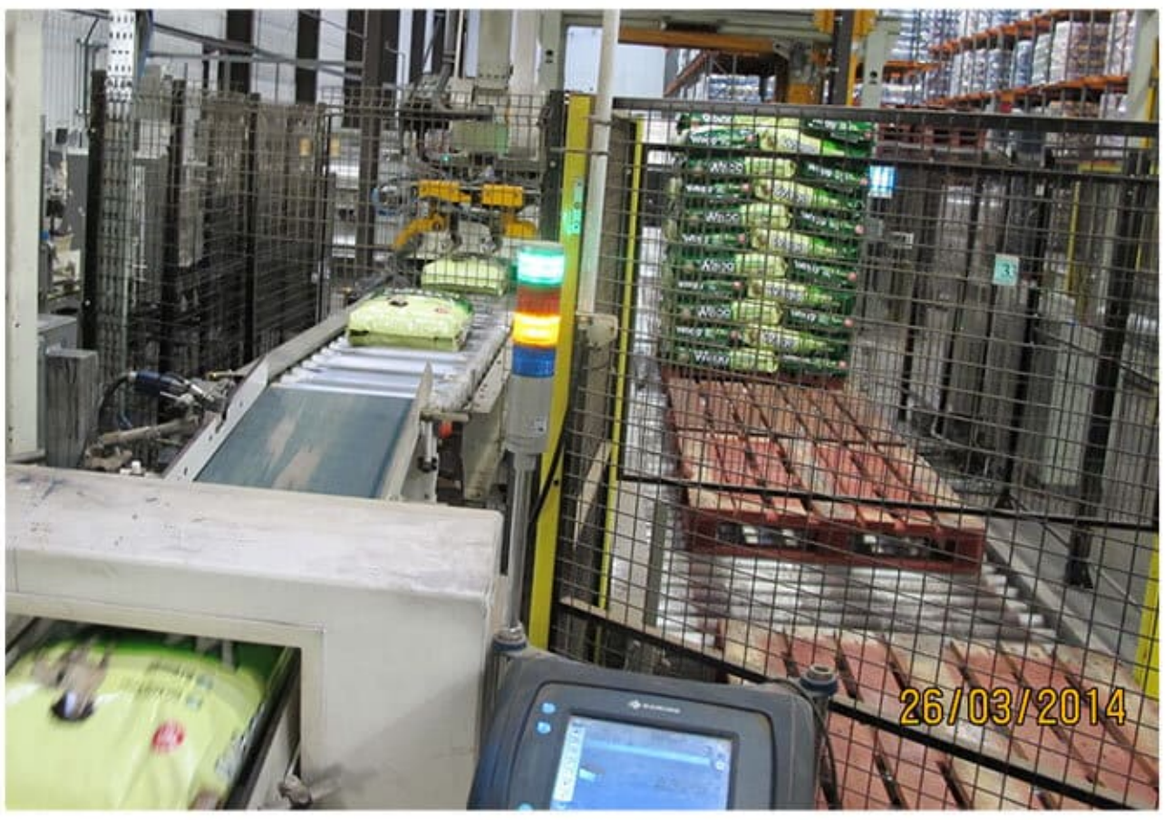
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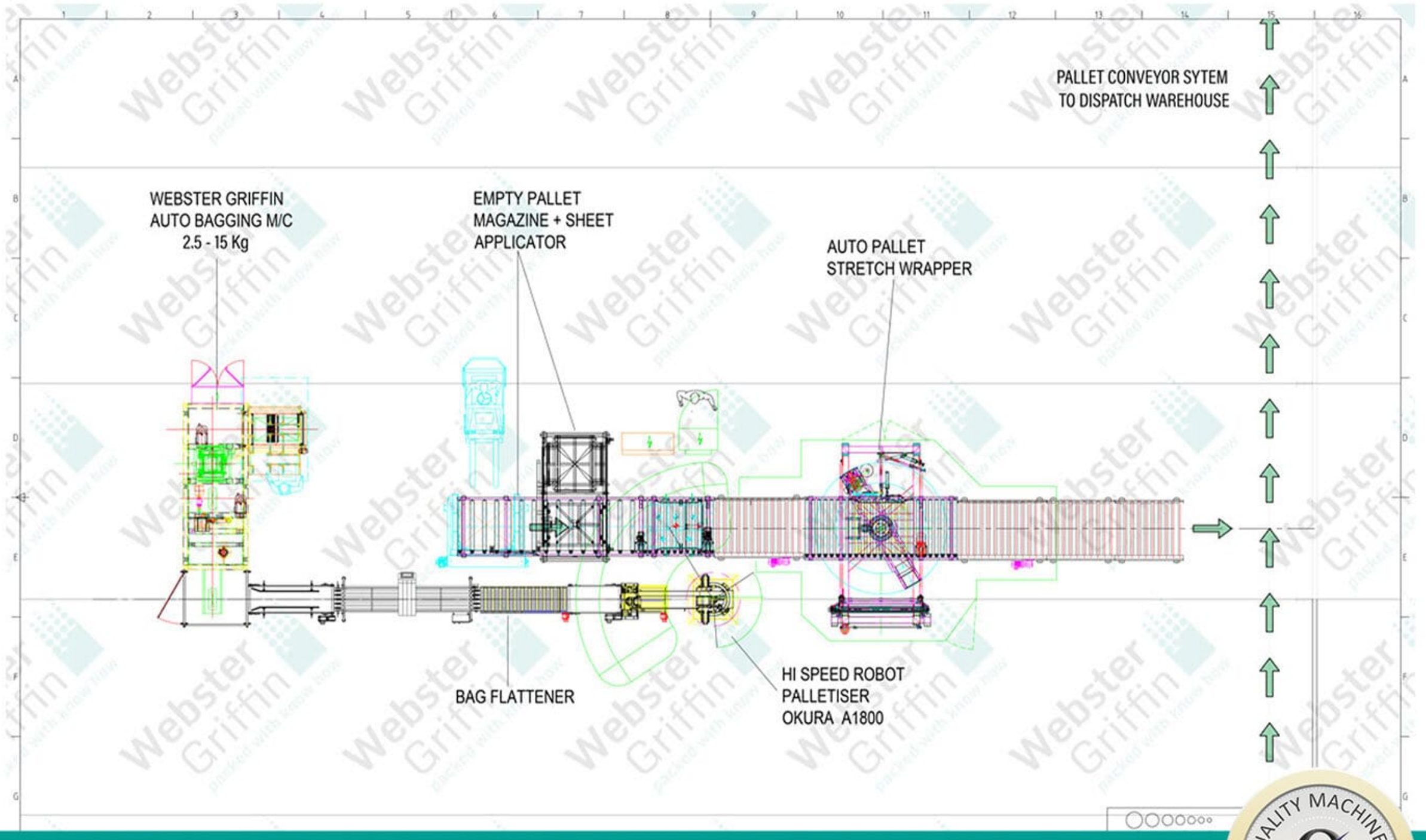
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