

CASE **STUDY**

HAYLEY 247 DEXIS

**HELPS PREVENT
LENGTHY DOWNTIME
FOR CHICKEN
PROCESSOR WITH
ELECTRIC MOTOR
REPAIR AND REVERSE
ENGINEERING
SERVICES**

CS201

HAYLEY DEXIS

MECHANICAL ENGINEERING SERVICES //
FOOD & BEVERAGES

Focus on **value**

**TRACK
UP**

THE SITUATION

A poultry processing facility in Norfolk contacted their local HAYLEY DEXIS team to visit site and identify motors being used to power a drum de-boner machine. During the visit, it was noted that the output shafts had been sheared off due to repeated overloading. These would need replacing urgently. The motors were also identified as OEM specials, meaning at least a two-week lead time on their replacement.

THE SOLUTION

The motors were removed by HAYLEY DEXIS and sent straight to the HAYLEY 247 DEXIS workshop in King's Lynn.

The specialist engineers within the team overhauled all three motors, treating the job as a priority given the criticality of the customer's application.

KEY VALUE AREAS



SERVICES



INCOME

Brand-new output shafts were reverse engineered in the same workshop, manufactured from high tensile EN24t steel to prevent future shearing. The units were reassembled, cleaned, and sent back to the customer, all within twenty-four hours.

THE RESULT

Without the electric motor overhaul and reverse engineering services delivered with such a fast turn-around, the de-boner application would have been offline

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**THE NEW OUTPUT
SHAFTS ARE FAR
BETTER SUITED TO THE
APPLICATION.**

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for at least fourteen days. The total downtime costs calculated from the lost production stands at £27,500.

The new output shafts are far better suited to the application, providing improved strength and durability. This will help to prevent future premature failures and reduce the costs and labour needed to keep the machine running effectively.

CONTACT US!

Speak to your local HAYLEY DEXIS branch today!

You can find their details by using our online Branch Finder tool:

www.hayley-group.co.uk/branch-finder.

KEY SOLUTIONS

Electric motor overhaul services.

Reverse engineering.

KEY RESULTS

At least £27,500 in lost production avoided.

Service life of motors and output shafts extended.

Costs and labour associated with maintaining machine uptime reduced.





HAYLEY

DEXIS