

Case Study: Eley DS LC Checkweigher

Project: Eley, UK

Project Brief: To design and manufacture a checkweigher to replace existing Guardian 90 Checkweigher and increase line throughput

Driver Southall have supported Eley with the production of their ammunition since the installation of the existing machines in the early 1980.

With more and more parts on the existing checkweighers becoming obsolete and more difficult to source, a decision was made to replace the existing checkweigher with a new checkweigher than would offer the same weighing performance but also increase line speed and remove the concern of obsolete parts.

A site visit was arranged the following week to discuss the options available and to ascertain the customer's requirements. The quote was submitted and following a visit to the Group headquarters in Burntwood and order was placed.

Upon completion of the build the project manager, Frederic Sage, at Eley attended site for a Pre-delivery Inspection and were pleased with the machine performance during product trials. Special note was made on the build quality. Overall the machine achieved a dynamic accuracy of +/- 0.5g at 140 Packs Per Minute.

Frederic Sage had this to say:

"In summary: The project was conducted professionally and was delivered on time and within budget. The installation date was fixed so regular updates were given on the progress of the machine.

Some minor issues did arise during the pre-acceptance at Driver Southall, But Jamie and his team did overcome them the same day, hence not impacting on the delivery date. The machine was delivered on schedule and the installation was done in time.

Since then the machine has been running with no downtime."



This is the first of three machines that Driver Southall is looking to replace at Eley and are currently quoting more of these systems to customers who don't require the retail specifications on their machines.