

## DIRECT DRIVE UNITS

The Independent Direct Drive units manufactured by Dalton Engineering have been in production since early 2001. They were developed with ease of maintenance being the primary objective, hence some of the unique design features.

- The motor used is a standard metric frame motor, which is readily available throughout the UK from any reputable motor supplier.

If the chain should wrap around the drive wheel, or a solid object is trapped, then it is a simple operation to remove the shaft fixing bolt and knock the output shaft back and through the rear of the gearbox, allowing the drive wheel and drive arm to drop off, releasing the chain.



- The unit can be mounted in the standard upright position, giving at least 200mm clearance from the litter, which reduces dust and dirt ingress to the motor, or if it is to be used with restricted head room, then it can be mounted level with the trough.

- Strong cast iron Unibox construction.
- Dry joint between motor and gearbox.
- Assembled in our own workshop in Dalton.



Dalton Engineering Ltd, supplying the Poultry Industry with chain feeders, pan feeders, nipple drinkers, bulk hoppers, nests, centreless augers, mist cooling systems, winching materials, hooks and pulley's. We also have our own workshop and produce bespoke hoppers and spin feeders.

Distributors of



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# CHAIN FEEDING CHAIN FEEDING

Dalton Engineering, in co-operation with VDL Agrotech offer you a high quality tailor made chainfeeding system for any poultry house.



**4 TRACK HOPPER**

We offer various types of feed hopper. Including our 4 track galvanised tall, narrow hopper which is ideal to position in the end of the house in a nest walk over. Plus standard 1, 2 and 3 track mini hoppers, and the large conventional VDL Agrotech hopper complete with integrated drive unit.



**MINI HOPPER**

The VDL Agrotech feed chain is designed for optimal feed distribution, its high tensile strength makes it very reliable.



**FEEDCHAIN**

VDL Agrotech chainfeeding corners, available in 90° and 135°, are epoxy powder coated and have a heat treated steel bottom plate to prevent corrosion and wear. The cast iron corner wheel has a self lubricating bronze bearing.



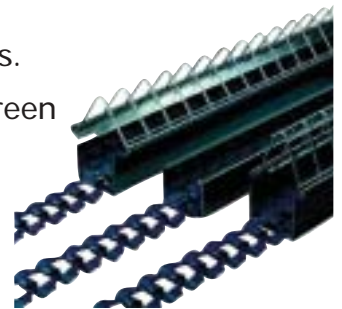
**CORNER 90°**



**FEEDCLEANER**

Our support legs are Hotdip Galvanised, as are the couplers. A range of couplers is available including Single and Double lipped suspended ones.

The feedcleaner has a roto-screen with a special holepattern for optimal separation of dirt from the feed. For high speed feedchain, a feed cleaner with a speedreducer has been designed to secure optimal feedcleaning.



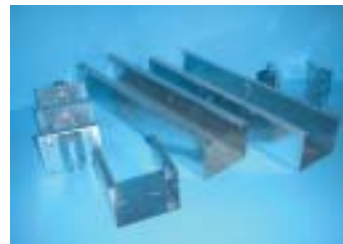
**FEEDTROUGH WITH EXCLUDERGRILL**



**BATCHWEIGHER**

For exact weighing of the feed, we offer the VDL-D feedweigher, a two compartment weigher with an hourly capacity of 6 tonne. The simple mechanism and great accuracy make the VDL-D weigher an ideal system to control and record feed consumption.

and great accuracy



**LEG & COUPLER**

*(We reserve the right to supply alternative items of similar quality.)*



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