

N. D. Jeans Engineering

Agricultural Bulk Feed Storage and Conveying Systems

Crowley Hopper Product Guide

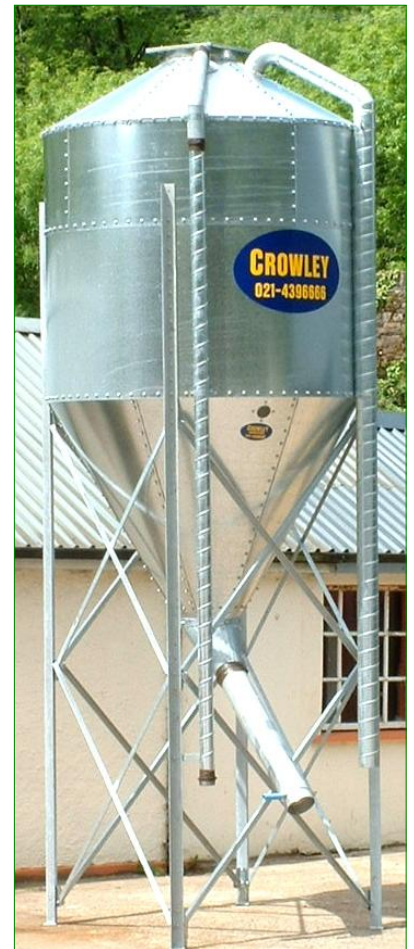
Overview

Established over 20 years N. D. Jeans Engineering manufacture a range of hoppers to suit all livestock feeding requirements, with a range of outlet types and configurations. We also supply and install centre-less auger systems, which are suitable for conveying all types of livestock feed. Through partnerships with milking parlour suppliers we are able to provide full dairy parlour systems.

We are the authorised dealer for Crowley hoppers in Southern England. Crowley based in the Republic of Ireland manufacture a wide range of agricultural equipment and have developed a robust, high quality range of hoppers. We import and assemble these hoppers at our works in Somerset, for delivery throughout Southern England.

Bulk feed hoppers

Our hoppers are of a sturdy high quality fully galvanised steel construction. Hoppers are smooth-walled, circular cross section therefore ensuring good flow of feed without the trapping effect of corrugated sections. The hoppers are constructed from heavy gauge (1.6 to 2mm) galvanised steel sheets, with the steel support structure from heavy gauge hop-dip galvanised steel sections. All hoppers are fitted with a comprehensive set of stiffeners to prevent deformation during the load/unload cycle. Stainless steel nuts and bolts are used throughout the hopper. This gives our hoppers a low maintenance lifespan of around 30 years when correctly cared for.



All hoppers in our range can be recycled.



All hoppers are supplied as standard with a 4" dia. blow & 6" dia. exhaust pipes, and also feed level sight glasses. Hoppers come in plain galvanized finish but for personal preference or local authority planning requirements hoppers can be sprayed in a range of landscape blending colours.

A range of extra equipment is available for the hoppers to suit almost every requirement, in addition to this, non-standard equipment can be manufactured to meet one-off individual requirements.

Hoppers are delivered, tipped upright and secured to the ground using our specialized hopper transport.

We can also relocate second hand hoppers.

Size Guide

Model	Tonnage	Capacity		Overall Height		Diameter	
		Cu. Metres	Cu. Feet	Metres	Feet	Metres	Feet
C224	4	6.25	224	3.87	12.7	2.3	7.5
C304	5.5	8.6	304	4.36	14.3	2.3	7.5
C332	6	9.4	332	4.62	15.2	2.3	7.5
C413	7.5	11.7	413	5.07	16.7	2.3	7.5
C498	9	14.1	498	5.56	18.3	2.3	7.5
C579	10.5	16.4	579	6.27	20.6	2.3	7.5
C664	12	18.8	664	6.76	22.3	2.3	7.5
C749	13.5	21.2	749	7.25	24.3	2.3	7.5
C826	15	23.4	826	7.96	26.2	2.3	7.5
C911	16.5	25.8	911	6.60	21.7	3.0	10.0
C1020	18.5	28.9	1020	7.20	23.6	3.0	10.0
C1158	21.0	32.8	1158	7.85	24.6	3.0	10.0
C1324	24.0	37.5	1324	8.24	27.6	3.0	10.0

Note: Tonnage capacities based on pellets at 640 kg / m³

Ventilation system

All hoppers are fitted as standard with an exhaust pipe to allow air to escape the hopper during filling without leaving dust on the roof. Where high moisture content feeds are to be stored roof mounted moist air ventilators to regulate the hoppers internal atmosphere are available. These incorporate an anti-dust valve, which automatically shuts during filling to prevent dust venting onto the hopper roof. Once filling is complete the valve opens to allow moist air to vent therefore preventing condensation.

Extras

- ✔ Moist air roof vent (standard on dairy hoppers)
- ✔ Side & roof ladders
- ✔ Bag-off chute
- ✔ Additional sight glasses
- ✔ Outlet adaptors
- ✔ Side access / inspection door
- ✔ Out-loading auger for diet feeders
- ✔ Other custom parts & equipment



For further details please see our website or contact us.

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