

County Silo S5 Range

Collinson 

LOW LEVEL SIDE DISCHARGE

The unique 90/50 side discharge cone and smooth walls provide excellent mass feed flow for meals, blends and other free flowing products. Discharge options suitable for filling bags, barrow, low loader, wall entry or via conveyor.

Special Features

- Volumes from 7.4m³ to 46.7m³
- Galvanised or Plasteel™ (Plastic coated galvanised steel) construction
- Smooth internal walls
- Pressure relief valve
- AutoVent
- FloView™ SafetyClean panel
- External, lockable filler pipe
- Heavy duty top filler bend (5mm wall thickness)
- Independent exhaust pipe
- Level indicators
- Crane lifting points
- Galvanised support structure designed to Eurocode 1, Part 1-4
- Standard clearance under cone: 1.7m
- CE Marked

Range of 6 Plasteel™ Finishes

Juniper Green
BS 12B29

Olive Green
BS 12B27

Moorland Green
BS 12B21

Merlin Grey
BS 18B25

Slate Blue
BS 18B29

Vandyke Brown
BS 08B29

Colours may not be accurately reproduced in printing,
colour samples available on request

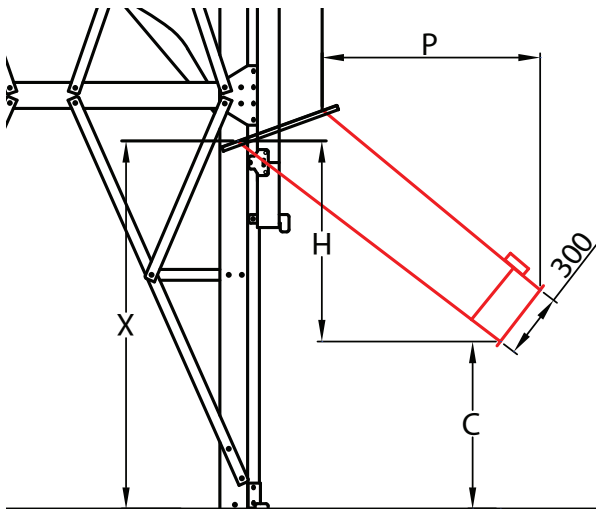


Model Number	Overall Height	Barrels	Dia. (m)	Capacity (m ³)	Meal @ 577 kg/m ³	Pellets @ 650 kg/m ³	Grain @ 693 kg/m ³	Base Size (m)
S5A07	5.60m	1.00	2.06m	7.40m ³	4.27	4.81t	5.13	2.7 x 2.7 x 0.15m
S5A09	6.18m	1.50	2.06m	9.40m ³	5.42t	6.11t	6.51t	2.7 x 2.7 x 0.20m
S5A11	6.81m	2.00	2.06m	11.40m ³	6.58t	7.41t	7.90t	2.7 x 2.7 x 0.20m
S5B13	6.34m	1.00	2.57m	12.80m ³	7.39t	8.32t	8.87t	3.2 x 3.2 x 0.20m
S5A13	7.39m	2.50	2.06m	13.40m ³	7.73t	8.71t	9.29t	2.7 x 2.7 x 0.25m
S5A15	8.02m	3.00	2.06m	15.40m ³	8.89t	10.01t	10.67t	2.7 x 2.7 x 0.30m
S5B16	6.92m	1.50	2.57m	16.00m ³	9.23t	10.4t	11.09t	3.2 x 3.2 x 0.20m
S5C17	6.79m	1.00	2.87m	17.00m ³	9.81t	11.05t	11.78t	3.5 x 3.5 x 0.20m
S5B19	7.55m	2.00	2.57m	19.00m ³	10.96t	12.35t	13.17t	3.2 x 3.2 x 0.20m
S5C21	7.37m	1.50	2.87m	20.90m ³	12.06t	13.59t	14.48t	3.5 x 3.5 x 0.25m
S5B22	8.13m	2.50	2.57m	22.20m ³	12.81t	14.43t	15.38t	3.2 x 3.2 x 0.25m
S5C25	7.98m	2.00	2.87m	24.80m ³	14.31t	16.12t	17.19t	3.5 x 3.5 x 0.25m
S5B25	8.76m	3.00	2.57m	25.30m ³	14.60t	16.45t	17.53t	3.2 x 3.2 x 0.25m
S5D25	7.50m	1.00	3.35m	25.30m ³	14.60t	16.45t	17.53t	4.0 x 4.0 x 0.25m
S5C29	8.58m	2.50	2.87m	28.70m ³	16.56t	18.66t	19.89t	3.5 x 3.5 x 0.25m
S5D31	8.08m	1.50	3.35m	30.60m ³	17.66t	19.89t	21.21t	4.0 x 4.0 x 0.30m
S5D36	8.71m	2.00	3.35m	36.00m ³	20.77t	23.4t	24.95t	4.0 x 4.0 x 0.30m
S5D41	9.29m	2.50	3.35m	41.30m ³	23.83t	26.85t	28.62t	4.0 x 4.0 x 0.35m
S5D47	9.92m	3.00	3.35m	46.70m ³	26.95t	30.36t	32.36t	4.0 x 4.0 x 0.35m

Important Notes

- * Silo capacity indicated is the true volume of the entire shell of the silo. Please allow extra capacity in the silo you choose to allow for:
 - a) Variations in product density due to aeration of product during pneumatic silo filling.
 - b) Variable density of the product due to manufacturing specification.
 - c) Extra spare capacity of 20% over and above the size of loads you are planning to have delivered.
 - d) Silos with extra leg length are subject to different base requirements; please check your quotation or order acknowledgement for specific requirements

Tapered Side Discharge Chute



Important: The Low level side discharge silo has a clearance of 1.7m under the cone. Please ensure that the correct chute is specified from the options below to suit the discharge target. i.e. bucket or trailer.

Silo Cone Plate Height (X)	Clearance Under Chute (C)	Projection (P)	Height (H)	Part No.
1.7m	1.35m	0.25m	0.35m	RDE-5A025
1.7m	1.17m	0.50m	0.53m	RDE-5A050
1.7m	0.98m	0.75m	0.72m	RDE-5A075
1.7m	0.78m	1.00m	0.91m	RDE-5A100
1.7m	0.60m	1.25m	1.10m	RDE-5B125
1.7m	0.40m	1.50m	1.29m	RDE-5B150

Optional Extras



Load Cell Mounting Frame

The load cell mounting frame c/w specially adapted silo feet. Collinson Silos **SHOULD NOT** be mounted on load cells without the special Collinson load cell mounting frame.



Cyclone Dust Collection Unit

Connect a cyclone to your silo for zero feed wastage and improved biosecurity.

Getting the Silo Ready to Use

- 1) It is your responsibility as the customer to provide a suitable ready mix concrete with grade C30 base, dimensions as per recommendation.
- 2) The County Range Silos are delivered and erected by vehicles fitted with hydraulic tipping gear which erects the silo onto the concrete base.
- 3) The driver/fitter will drill the concrete base and bolt the silo into position using expansion type anchor bolts.
- 4) If fitted with a slide unit the silo is now ready to use alternatively if a conveyor discharge is being connected, fitting can now take place.