

County Silo S3 Range

Collinson 

CENTRE DISCHARGE

The 67° cone and smooth walls provide excellent mass feed flow for storing free flowing pelleted products and wholegrains, the steeper angled cone also makes this silo ideal to store blends and meals to fill a conveyor system, bags or a barrow.

Special Features

- Volumes from 7.5m³ to 47m³
- 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
- Clearance under cone plate:
 - 800mm for conveyor discharge
 - 1300mm for gate valve slide unit
- Discharge aperture: 400mm diameter
- 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



CE

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)
S3A08	4.66m	1.00	2.06m	7.50m ³	4.33t	4.88t	5.20t	2.7 x 2.7 x 0.15m
S3A10	5.24m	1.50	2.06m	9.50m ³	5.48t	6.18t	6.58t	2.7 x 2.7 x 0.15m
S3A12	5.87m	2.00	2.06m	11.50m ³	6.64t	7.48t	7.97t	2.7 x 2.7 x 0.20m
S3B13	5.48m	1.00	2.57m	13.00m ³	7.50t	8.45t	9.01t	3.2 x 3.2 x 0.20m
S3A14	6.45m	2.50	2.06m	13.50m ³	7.79t	8.78t	9.36t	2.7 x 2.7 x 0.20m
S3A16	7.08m	3.00	2.06m	15.50m ³	8.94t	10.08t	10.74t	2.7 x 2.7 x 0.25m
S3B16	6.06m	1.50	2.57m	16.10m ³	9.29t	10.47t	11.16t	3.2 x 3.2 x 0.20m
S3C17	5.84m	1.00	2.87m	17.20m ³	9.92t	11.18t	11.92t	3.5 x 3.5 x 0.20m
S3B19	6.69m	2.00	2.57m	19.20m ³	11.08t	12.48t	13.31t	3.2 x 3.2 x 0.20m
S3C21	6.42m	1.50	2.87m	21.10m ³	12.17t	13.72t	14.62t	3.5 x 3.5 x 0.25m
S3B22	7.27m	2.50	2.57m	22.40m ³	12.92t	14.56t	15.52t	3.2 x 3.2 x 0.25m
S3C25	7.05m	2.00	2.87m	25.00m ³	14.43t	16.25t	17.33t	3.5 x 3.5 x 0.25m
S3B26	7.90m	3.00	2.57m	25.50m ³	14.71t	16.58t	17.67t	3.2 x 3.2 x 0.25m
S3D26	6.59m	1.00	3.35m	25.60m ³	14.77t	16.64t	17.74t	4.0 x 4.0 x 0.25m
S3C29	7.63m	2.50	2.87m	29.00m ³	16.73t	18.85t	20.10t	3.5 x 3.5 x 0.25m
S3D31	7.16m	1.50	3.35m	31.00m ³	17.89t	20.15t	21.48t	4.0 x 4.0 x 0.25m
S3C33	7.46m	3.00	2.87m	33.00m ³	19.04t	21.45t	22.87t	3.5 x 3.5 x 0.30m
S3D36	7.80m	2.00	3.35m	36.30m ³	20.95t	23.60t	25.16t	4.0 x 4.0 x 0.30m
S3D42	8.37m	2.50	3.35m	41.60m ³	24.00t	27.04t	28.83t	4.0 x 4.0 x 0.35m
S3D47	9.01m	3.00	3.35m	47.00m ³	27.12t	30.55t	32.57t	4.0 x 4.0 x 0.35m

Important Notes

- * O/A Silo height is based on the 800mm clearance under the cone, for silos with the 1300mm clearance, add 500mm to the overall silo height.
- ** Silo capacity indicated is the true volume of the entire shell of the silo. Please allow extra capacity in the silo you chose 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. As a general rule we recommend you chose a silo with a minimum additional capacity of 20% over and above the size of loads you are planning to have delivered.

Optional Extras



Gate Valve Slide Unit

Choose from a horizontal or 30° gate valve, incorporating a 450mm Dia aperture. The photo shows a horizontal option with a fixed short chute to assist with bagging off.



SafetyClean Plus

Extra discharge from the cone of the silo is ideal when a conveyor is connected. Clearance under chute for bagging off is 950mm.



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.