

# County Silo S1 Range

Collinson 

CENTRE DISCHARGE

The 60° cone and smooth walls provide excellent mass feed flow for free flowing pelleted products and wholegrains to fill a conveyor system, bags or a barrow.

## Special Features

- Volumes from 6.7m<sup>3</sup> to 54.3m<sup>3</sup>
- 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 <sup>3</sup> )	Meal @ 577 kg/m <sup>3</sup>	Pellets @ 650 kg/m <sup>3</sup>	Grain @ 693 kg/m <sup>3</sup>	Base Size (m)
S1A07	4.12m	1.0	2.06m	6.70m <sup>3</sup>	3.87t	4.36t	4.64t	2.7 x 2.7 x 0.15m
S1A09	4.70m	1.5	2.06m	8.70m <sup>3</sup>	5.02t	5.66t	6.03t	2.7 x 2.7 x 0.15m
S1A11	5.33m	2.0	2.06m	10.70m <sup>3</sup>	6.17t	6.96t	7.42t	2.7 x 2.7 x 0.15m
S1B12	4.71m	1.0	2.57m	11.50m <sup>3</sup>	6.64t	7.48t	7.97t	3.2 x 3.2 x 0.15m
S1A13	5.91m	2.5	2.06m	12.80m <sup>3</sup>	7.39t	8.32t	8.87t	2.7 x 2.7 x 0.20m
S1B15	5.29m	1.5	2.57m	14.60m <sup>3</sup>	8.42t	9.49t	10.12t	3.2 x 3.2 x 0.20m
S1A15	6.54m	3.0	2.06m	14.80m <sup>3</sup>	8.54t	9.62t	10.26t	2.7 x 2.7 x 0.25m
S1C15	5.04m	1.0	2.87m	15.10m <sup>3</sup>	8.71t	9.82t	10.46t	3.5 x 3.5 x 0.20m
S1B18	5.92m	2.0	2.57m	17.70m <sup>3</sup>	10.21t	11.51t	12.27t	3.2 x 3.2 x 0.20m
S1C19	5.62m	1.5	2.87m	19.00m <sup>3</sup>	10.96t	12.35t	13.17t	3.5 x 3.5 x 0.20m
S1B21	6.50m	2.5	2.57m	20.80m <sup>3</sup>	12.00t	13.52t	14.41t	3.2 x 3.2 x 0.20m
S1D22	5.59m	1.0	3.35m	22.30m <sup>3</sup>	12.87t	14.50t	15.45t	4.0 x 4.0 x 0.25m
S1C23	6.25m	2.0	2.87m	22.90m <sup>3</sup>	13.21t	14.89t	15.87t	3.5 x 3.5 x 0.25m
S1B24	7.13m	3.0	2.57m	24.00m <sup>3</sup>	13.85t	15.60t	16.63t	3.2 x 3.2 x 0.25m
S1C27	6.83m	2.5	2.87m	26.80m <sup>3</sup>	15.46t	17.42t	18.57t	3.5 x 3.5 x 0.25m
S1B27	7.71m	3.5	2.57m	27.10m <sup>3</sup>	15.64t	17.62t	18.78t	3.2 x 3.2 x 0.25m
S1D28	6.24m	1.5	3.35m	27.60m <sup>3</sup>	15.93t	17.94t	19.13t	4.0 x 4.0 x 0.25m
S1B30	8.34m	4.0	2.57m	30.30m <sup>3</sup>	17.48t	19.70t	21.00t	3.2 x 3.2 x 0.25m
S1C31	7.46m	3.0	2.87m	30.80m <sup>3</sup>	17.77t	20.02t	21.34t	3.5 x 3.5 x 0.30m
S1D33	6.80m	2.0	3.35m	32.90m <sup>3</sup>	18.98t	21.39t	22.80t	4.0 x 4.0 x 0.30m
S1C35	8.09m	3.0	2.87m	34.80m <sup>3</sup>	20.08t	22.62t	24.12t	3.5 x 3.5 x 0.35m
S1D38	7.38m	2.5	3.35m	38.30m <sup>3</sup>	22.10t	24.90t	26.54t	4.0 x 4.0 x 0.30m
S1C39	8.72m	4.0	2.87m	38.80m <sup>3</sup>	22.39t	25.22t	26.89t	3.5 x 3.5 x 0.35m
S1D44	8.01m	3.0	3.35m	43.20m <sup>3</sup>	24.93t	28.08t	29.94t	4.0 x 4.0 x 0.30m
S1D49	8.59m	3.5	3.35m	49.00m <sup>3</sup>	28.27t	31.85t	33.96t	4.0 x 4.0 x 0.35m
S1D54	9.22m	4.0	3.35m	54.30m <sup>3</sup>	31.33t	35.30t	37.63t	4.0 x 4.0 x 0.40m

## 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.

The models in italics are only available with 1300mm clearance under the cone to accommodate a gate valve slide unit.

## 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.

