

County Silo S1 Range

CENTRE DISCHARGE

Collinson 

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 6.7m³ to 54.3m³
- 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)
<i>S1A07</i>	<i>4.12m</i>	<i>1.0</i>	<i>2.06m</i>	<i>6.70m³</i>	<i>3.87t</i>	<i>4.36t</i>	<i>4.64t</i>	<i>2.7 x 2.7 x 0.15m</i>
<i>S1A09</i>	<i>4.70m</i>	<i>1.5</i>	<i>2.06m</i>	<i>8.70m³</i>	<i>5.02t</i>	<i>5.66t</i>	<i>6.03t</i>	<i>2.7 x 2.7 x 0.15m</i>
<i>S1A11</i>	<i>5.33m</i>	<i>2.0</i>	<i>2.06m</i>	<i>10.70m³</i>	<i>6.17t</i>	<i>6.96t</i>	<i>7.42t</i>	<i>2.7 x 2.7 x 0.15m</i>
<i>S1B12</i>	<i>4.71m</i>	<i>1.0</i>	<i>2.57m</i>	<i>11.50m³</i>	<i>6.64t</i>	<i>7.48t</i>	<i>7.97t</i>	<i>3.2 x 3.2 x 0.15m</i>
<i>S1A13</i>	<i>5.91m</i>	<i>2.5</i>	<i>2.06m</i>	<i>12.80m³</i>	<i>7.39t</i>	<i>8.32t</i>	<i>8.87t</i>	<i>2.7 x 2.7 x 0.20m</i>
<i>S1B15</i>	<i>5.29m</i>	<i>1.5</i>	<i>2.57m</i>	<i>14.60m³</i>	<i>8.42t</i>	<i>9.49t</i>	<i>10.12t</i>	<i>3.2 x 3.2 x 0.20m</i>
<i>S1A15</i>	<i>6.54m</i>	<i>3.0</i>	<i>2.06m</i>	<i>14.80m³</i>	<i>8.54t</i>	<i>9.62t</i>	<i>10.26t</i>	<i>2.7 x 2.7 x 0.25m</i>
<i>S1C15</i>	<i>5.04m</i>	<i>1.0</i>	<i>2.87m</i>	<i>15.10m³</i>	<i>8.71t</i>	<i>9.82t</i>	<i>10.46t</i>	<i>3.5 x 3.5 x 0.20m</i>
<i>S1B18</i>	<i>5.92m</i>	<i>2.0</i>	<i>2.57m</i>	<i>17.70m³</i>	<i>10.21t</i>	<i>11.51t</i>	<i>12.27t</i>	<i>3.2 x 3.2 x 0.20m</i>
<i>S1C19</i>	<i>5.62m</i>	<i>1.5</i>	<i>2.87m</i>	<i>19.00m³</i>	<i>10.96t</i>	<i>12.35t</i>	<i>13.17t</i>	<i>3.5 x 3.5 x 0.20m</i>
<i>S1B21</i>	<i>6.50m</i>	<i>2.5</i>	<i>2.57m</i>	<i>20.80m³</i>	<i>12.00t</i>	<i>13.52t</i>	<i>14.41t</i>	<i>3.2 x 3.2 x 0.20m</i>
<i>S1D22</i>	<i>5.59m</i>	<i>1.0</i>	<i>3.35m</i>	<i>22.30m³</i>	<i>12.87t</i>	<i>14.50t</i>	<i>15.45t</i>	<i>4.0 x 4.0 x 0.25m</i>
<i>S1C23</i>	<i>6.25m</i>	<i>2.0</i>	<i>2.87m</i>	<i>22.90m³</i>	<i>13.21t</i>	<i>14.89t</i>	<i>15.87t</i>	<i>3.5 x 3.5 x 0.25m</i>
<i>S1B24</i>	<i>7.13m</i>	<i>3.0</i>	<i>2.57m</i>	<i>24.00m³</i>	<i>13.85t</i>	<i>15.60t</i>	<i>16.63t</i>	<i>3.2 x 3.2 x 0.25m</i>
<i>S1C27</i>	<i>6.83m</i>	<i>2.5</i>	<i>2.87m</i>	<i>26.80m³</i>	<i>15.46t</i>	<i>17.42t</i>	<i>18.57t</i>	<i>3.5 x 3.5 x 0.25m</i>
<i>S1B27</i>	<i>7.71m</i>	<i>3.5</i>	<i>2.57m</i>	<i>27.10m³</i>	<i>15.64t</i>	<i>17.62t</i>	<i>18.78t</i>	<i>3.2 x 3.2 x 0.25m</i>
<i>S1D28</i>	<i>6.24m</i>	<i>1.5</i>	<i>3.35m</i>	<i>27.60m³</i>	<i>15.93t</i>	<i>17.94t</i>	<i>19.13t</i>	<i>4.0 x 4.0 x 0.25m</i>
<i>S1B30</i>	<i>8.34m</i>	<i>4.0</i>	<i>2.57m</i>	<i>30.30m³</i>	<i>17.48t</i>	<i>19.70t</i>	<i>21.00t</i>	<i>3.2 x 3.2 x 0.25m</i>
<i>S1C31</i>	<i>7.46m</i>	<i>3.0</i>	<i>2.87m</i>	<i>30.80m³</i>	<i>17.77t</i>	<i>20.02t</i>	<i>21.34t</i>	<i>3.5 x 3.5 x 0.30m</i>
<i>S1D33</i>	<i>6.80m</i>	<i>2.0</i>	<i>3.35m</i>	<i>32.90m³</i>	<i>18.98t</i>	<i>21.39t</i>	<i>22.80t</i>	<i>4.0 x 4.0 x 0.30m</i>
<i>S1C35</i>	<i>8.09m</i>	<i>3.0</i>	<i>2.87m</i>	<i>34.80m³</i>	<i>20.08t</i>	<i>22.62t</i>	<i>24.12t</i>	<i>3.5 x 3.5 x 0.35m</i>
<i>S1D38</i>	<i>7.38m</i>	<i>2.5</i>	<i>3.35m</i>	<i>38.30m³</i>	<i>22.10t</i>	<i>24.90t</i>	<i>26.54t</i>	<i>4.0 x 4.0 x 0.30m</i>
<i>S1C39</i>	<i>8.72m</i>	<i>4.0</i>	<i>2.87m</i>	<i>38.80m³</i>	<i>22.39t</i>	<i>25.22t</i>	<i>26.89t</i>	<i>3.5 x 3.5 x 0.35m</i>
<i>S1D44</i>	<i>8.01m</i>	<i>3.0</i>	<i>3.35m</i>	<i>43.20m³</i>	<i>24.93t</i>	<i>28.08t</i>	<i>29.94t</i>	<i>4.0 x 4.0 x 0.30m</i>
<i>S1D49</i>	<i>8.59m</i>	<i>3.5</i>	<i>3.35m</i>	<i>49.00m³</i>	<i>28.27t</i>	<i>31.85t</i>	<i>33.96t</i>	<i>4.0 x 4.0 x 0.35m</i>
<i>S1D54</i>	<i>9.22m</i>	<i>4.0</i>	<i>3.35m</i>	<i>54.30m³</i>	<i>31.33t</i>	<i>35.30t</i>	<i>37.63t</i>	<i>4.0 x 4.0 x 0.40m</i>

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.

