



# V-MAC SILOS Diet Feeder Wagon Options



## DIET FEEDER WAGON OPTIONS

### SILO & AUGER

Our **standard silo fitted with a high output reverse drive auger** provides a mid range solution where you don't have the space for a gantry silo and have an available power supply. This option comes fully fitted with a 4.5 inch reverse drive auger (housed in the enclosed storage space below the cone) and will output 200kgs per minute. It comes fully wired to a start/stop switch – all you need to do is provide power to the start/stop switch.

Having the auger underneath the cone has the benefit of protecting it from the elements, also if the auger flight is hit only the auger pipe is damaged not the motor. If any maintenance has to be carried out its easily accessible. The auger has the added benefit of acting as a vibration unit when its on, which helps draw feed down through the silo.



SILO WITH AUGER



CONE WITH SLIDE CLOSE, RAGGING CHUTE



STOP/START SWITCH



STANDARD DIET FEEDER SILO



HIGH LEG OFFSET

### SILO & AUGER

Approx. tonnage	Capacity (feet <sup>3</sup> )	Capacity (m <sup>3</sup> )	Height (feet)	Height (m)	Diameter (feet)	Diameter (m)
8	450	12.7	21' 6"	6.6	7' 5"	2.3m
10	600	17	23' 6"	7.2	7' 5"	2.3m
12	700	19.8	26'	7.9	7' 5"	2.3m
14	800	22.6	27' 6"	8.4	7' 5"	2.3m
16	900	25.4	30'	9.1	7' 5"	2.3m
18	1000	28.3	27'	8.2	10'	3m
20	1100	31.1	27' 6"	8.4	10'	3m
21.5	1200	33.9	28' 8"	8.8	10'	3m
25	1400	39.6	31'	9.4	10'	3m
28	1600	45.3	34' 3"	10.4	10'	3m
30	1700	48.1	36' 7"	11.2	10'	3m
35	2000	56.6	38' 10"	11.8	10'	3m

The auger comes through the silo wall at a height of 6 feet and extends 9 feet from the silo body. The discharge point is 11 feet off the ground

### DIET FEEDER GANTRY SILO

Approx. tonnage	Capacity (feet <sup>3</sup> )	Capacity (m <sup>3</sup> )	Height (feet)	Height (m)	Body Diameter (feet)	Body Diameter (m)
8	450	12.7	27' 2"	8.3m	7' 5"	2.3m
10	600	17	30'	9.2m	7' 5"	2.3m
12	700	19.8	32'	9.8m	7' 5"	2.3m
14	800	22.6	29'	8.9m	10'	2.3m
16	900	25.4	30' 6"	9.3m	10'	2.3m
18	1000	28.3	32'	9.8m	10'	3m
21.5	1200	33.9	33' 9"	10.3m	10'	3m
25	1400	39.6	35' 6"	10.8m	10'	3m
28	1600	45.3	38' 6"	11.7m	10'	3m
30	1700	48.1	40'	12.3m	10'	3m

All Gantry Silos have a 5m<sup>2</sup> footprint  
450 - 700 feet<sup>3</sup> silo are available as single silos

### DIET FEEDER GANTRY SILO

Our **standard diet feeder silo on its own gantry** is ideal where adequate space is available and you have a requirement for fast filling. Because there are no electrical or moving parts this silo is relatively maintenance free and gravity fills the feeder wagon from a central cone. You just have to drive or reverse your wagon underneath the gantry and open up the butterfly valve to fast fill your wagon. There is a 3.2m height under the cone and 3.3m width to drive or reverse through.

### HIGH LEG OFFSET

The **High Leg Offset silo** allows you to drive alongside the Silo and discharge straight into your feeder wagon. The chute is opened using a butterfly valve on a chain and pulley system providing fast filling of your wagon. The chute is 3350mm (11 feet) off the ground and comes complete with a PVC skirt to stop the wind from blowing the feed. The offset comes from the centre of the silo with the full weight of the feed pushing through the offset to ensure a good flow of feed.

### Base requirements

- 3m x 3m by 300mm for the 5 - 16 ton silos with augers
- 4m x 4m by 300mm for 18 - 35 ton silos with augers
- 5m x 5m by 300mm for Diet Feeder Silos with gantry and High Leg Offset

### HIGH LEG OFFSET SILO

Approx Tonnage	Capacity (feet <sup>3</sup> )	Capacity (m <sup>3</sup> )	Height (feet)	Height (m)	Body Diameter (feet)	Body Diameter (m)
14	800	22.6	37.3	11.4	10	3
16	900	25.4	38.3	11.7	10	3
18	1000	28.3	39.3	12	10	3
20	1100	31.1	40.3	12.3	10	3
21.5	1200	33.9	40.7	12.4	10	3
25	1400	39.6	43.3	13.2	10	3

3350mm (11 feet) under the chute. Chute extends 605mm (2 feet) excluding PVC skirt

Due to our policy of continuing product improvement we reserve the right to alter specifications and construction without notice





# V-MAC SILOS

## V-Mac Offset Silos

### KEY FEATURES

- Fully galvanised construction.
- Stainless steel nuts and bolts used.
- Open with lever and paddle control mechanism.
- Low angle galvanized lid.
- Large inspection window on the cone.
- Heavy duty galvanized legs with leg strengthener brackets.
- Full leg bracing to optimize stability.
- Heavy duty filler pipe and bends.
- Cone is approx 42 inches off the ground.

### Optional Extras

- Painted.
- Extra height.
- Ladder.
- Inspection glasses.

### Base Requirements

10 feet square by 1 foot deep ready mix concrete - no reinforcing is required.

### Capacity

Is based on ratio of 18kg per cubic foot.



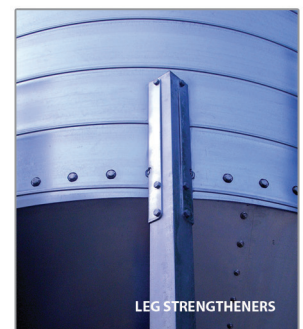
### V-Mac Offset Silo Range

The V-Mac Offset Silo is ideal to store animal feed for use with a Snacker or to fill a wide loader bucket. The design of the Offset cone, with a wide neck funnelling down to the bagging spout, is designed to reduce the feed "bridging" and sticking in the cone. The full weight of the feed in the silo pushes through the offset cone to ensure maximum feed flow.

The silo body is made from a rolled galvanized steel strip with the seams interlocked providing a complete smooth wall finish which ensures optimum feed flow within the silo. The Offset cone is formed from hot dipped galvanized 2mm mild steel.

A heavy duty filler pipe with low angle bends to reduce wear and tear enters directly into the low angle lid. A 6 inch breather pipe promotes air flow through the silo to remove condensation.

The silo comes with a standard bagging chute with reducer fitted to the cone that is operated with a lever mechanism. The cone is 42 inches off the ground as standard, although this can be raised to suit larger buckets or snackers.



### Standard Dimensions

Approx. tonnage	Capacity		Height		Body Diameter	
	(feet)	(m)	(feet)	(m)	(feet)	(m)
5	300	8.5	21'	6.4	8'	2.45m
6	350	9.9	22'	6.7	8'	2.45m
8	450	12.7	24'	7.3	8'	2.45m
10	600	17	26'	7.9	8'	2.45m
12	700	19.8	28'	8.5	8'	2.45m
14	800	22.6	29' 6"	9	8'	2.45m
16	900	25.4	32'	9.75	8'	2.45m
18	1000	28.3	31' 10"	9.7	10'	3.00m
20	1100	31.1	32' 10"	10	10'	3.00m
21.5	1200	33.9	33' 2"	10.1	10'	3.00m
25	1400	39.6	35' 8"	10.9	10'	3.00m

Body diameter = 7.5 feet (2.3m) extra allowed for bracing and filler pipe  
Standard height 42 inches (1.07m) under the cone



### Piping into a shed? No Problem!

If you want to pipe your silo into a shed or parlour the Offset silo is the best solution. Typically, we add extra height to the legs raising the silo's offset cone to create a fall into the shed. An extension piece is fitted to the bottom of the offset and brought through the shed wall. The bagging chute is then connected inside the shed. While every site is different, we custom build each silo to your specific requirements.

