



# DAN COSGROVE

2014 LTD

**New Zealand's  
leading silo  
manufacturer  
since 1966**



[www.dancosgrove.co.nz](http://www.dancosgrove.co.nz)

# SILOS

## FARM SIZED SILOS

Model Number	Diameter (Metres)	Eave Height	Overall Height	Metric Wheat	Tonnes Barley
18/4	5.49	3.27	4.85	73	60
18/5	5.49	4.09	5.67	88	74
18/6	5.49	4.90	6.48	104	87
18/7	5.49	5.71	7.29	119	100
18/8	5.49	6.52	8.10	135	113
18/9	5.49	7.34	8.92	151	127
21/5	6.4	4.09	5.93	123	103
21/6	6.4	4.90	6.74	144	121
21/7	6.4	5.71	7.55	165	139
21/8	6.4	6.52	8.36	186	157
21/9	6.4	7.34	9.18	207	175
24/5	7.32	4.09	6.20	163	137
24/6	7.32	4.90	7.01	191	160
24/7	7.32	5.71	7.82	218	184
24/8	7.32	6.52	8.63	246	207
24/9	7.32	7.34	9.45	274	232
30/7	9.14	5.71	8.27	340	
30/8	9.14	6.52	9.08	383	
30/9	9.14	7.34	9.90	426	
30/10	9.14	8.15	10.71	470	
30/11	9.14	8.96	11.52	513	
30/12	9.14	9.78	12.34	554	
36/9	10.98	7.34	9.64	571	
36/10	10.98	8.15	10.45	618	
36/11	10.98	8.96	11.26	681	
36/12	10.98	9.78	12.08	743	
36/15	10.98	12.22	14.52	930	
36/18	10.98	14.65	16.95	1118	
48/24	14.63	19.53	22.63	2650	



### All Silos are supplied with:

- Walk-in doorways
- External wall ladder & anchor bolts
- Safety cage is standard on silos over six metres.
- Silo ladder fits down to 1.6m from silo base.
- Ground operated lid opening system.
- Ventilated roof to aid moisture reduction.

**PRICE AVAILABLE ON REQUEST**



# GRAIN DRYING & CONDITIONING

## GRAIN CONDITIONER



### Specification:

- Small Ø 450 | 1470H (mm)
- Large Ø 620 | 2480H (mm)
- Leg Height 470mm
- Standard Ducting kit included
- 1mm Mesh



## FULL RANGE OF UNLOAD AUGERS/SWEEPS



## FULL RANGE OF DRYING FLOORS

## GRAIN CONDITIONING FAN



### Specification:

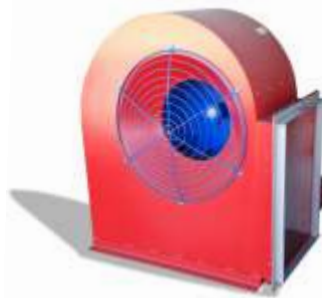
Single or Three Phase:

- Mobile - with wheels for easy manouverability
- Air Flow Rating Motor Size: Air Volume -  $1.4\text{m}^3/\text{s}$  Velocity m/s - 24.5
- Duct Size: 220 x 320mm
- 2840 rpm
- 2.2kw
- Three Phase 480 volts

## ROOF VENTS



## FULL RANGE OF FANS



## HEAT EXCHANGER



### Specification:

- 95-240KW Thermal Output
- Fired by Riello 40 G20S Diesel Burner
- Mounted on cradle frame
- Adjustable legs & Cowling
- One length flue pipe included
- No electrical accessories
- Nozzles - 3-4.5 GPH x 60°

**NOW 30% MORE EFFICIENT**

## FAN TO SILO DUCTING

## STIRRING UNITS

## AUTOMATED DRYING SYSTEM

## BURNERS

# SILOS

## ELEVATED CONE SILOS

Model Number	Cubic Metres	Diameter (Metres)	Overall Height	Tonnes Wheat	Tonnes Barley
15/4	68.8	4.58	6.79	56	47
15/5	82.1	4.58	7.59	66	56
18/4	104.1	5.49	7.24	84	71
18/5	123.4	5.49	8.06	100	85
21/4	148.7	6.4	7.78	120	102
21/5	174.9	6.4	8.59	141	120
21/6	-	6.4	8.85	153	132



**Specification:** Corrugated galvanised walls, galvanised roof c/w ladder, outside wall ladder, self opening lid:

- Height under valve 680mm
- Standard Tubular 30° Cone Base Silo.

**PRICE AVAILABLE ON REQUEST**

## CB TRANSPORTABLE SILOS

Model Number	Diameter (Metres)	Overall Height	Wheat Tonnes	Barley
CB12/3	3.66	4.93	27	23
CB12/4	3.66	5.74	34	29
CB12/5	3.66	6.55	41	35
CB12/6	3.66	7.36	47	40



**The silo comes complete with external wall ladder.**

Standard Tubular 30° Cone Base Silo

- Height under valve .500mm
- Auger Length 45'

**PRICE AVAILABLE ON REQUEST**

# SILOS

## HL TRANSPORTABLE SILOS

Model Number	Diameter (Metres)	Overall Height	Wheat Tonnes	Barley	Height under valve	Auger length
HL12/3 - 30°	3.66	5.930	25	21	1.400	45
HL12/4 - 30°	3.66	6.740	32	27	1.400	45
HL12/5 - 30°	3.66	7.550	38	33	1.400	45
HL12/3 - 45°	3.66	5.900	27	23	.600	45
HL12/4 - 45°	3.66	6.740	34	29	.600	45
HL12/5 - 45°	3.66	7.550	40	35	.600	45
HL12/3 - 60°	3.66	7.000		28	.680	45
HL12/4 - 60°	3.66	7.800		34	.680	45
HL12/5 - 60°	3.66	8.500		40	.680	45



**Specification:** Corrugated galvanised walls, galvanised roof c/w ladder, outside wall ladder, self opening lid, painted steel base on five legs at 2.0m spacings, cone bottom 30°, 45° & 60° c/w manhole.

**PRICE AVAILABLE ON REQUEST**

**PLEASE NOTE:** All Capacities for Silos are approx. only, calculated at - .770kg per cubic metre for wheat, 653kg per cubic metre for barley which may vary dependant on moisture and compaction.

## FEED SILOS

Model Number	Number of Rings	Metric Tonnes		Cubic Metres	Overall Height	Clearance Under hopper
		Wheat	Barley			
<b>1.83 Diameter with 60° centre draw hopper to 450mm opening</b>						
FG6160	1	3.130	2.670	4.090	3.280	0.600
FG6260	2	4.770	4.070	6.230	4.090	0.600
FG6360	3	6.410	5.460	8.370	4.913	0.600
<b>2.74 Diameter with 45° centre draw hopper to 150mm opening</b>						
FG9145	1	6.920	5.900	9.030	4.299	1.400
FG9245	2	10.590	9.030	13.820	5.113	1.400
FG9345	3	14.260	12.160	18.620	5.927	1.400
FG9445	4	17.93	15.29	23.42	6.741	1.400
<b>2.74 Diameter with 60° centre draw hopper to 450mm opening</b>						
FG9160	1	8.410	7.170	10.980	4.187	0.600
FG9260	2	12.080	10.300	15.770	5.00	0.600
FG9360	3	15.750	13.430	20.570	5.815	0.600
FG9460	4	19.42	16.56	25.37	6.629	0.600

Capacities for feed silos are calculated at:

- 770 kg per cubic metre for wheat
- 653 kg per cubic metre for barley

With no allowances for compaction.

Feed silos are supplied in kitset form for erection by purchaser.

**PRICE AVAILABLE ON REQUEST**



# SILO SAFETY

## SILO LADDER SAFETY CAGE

- Built to comply with NZ standard NZS/AS 1657: 1992
- Reduce the risk of falls to your workforce
- Available to suit all silo sizes
- Manufactured in Timaru.
- Manufactured out of pre-galvanised steel



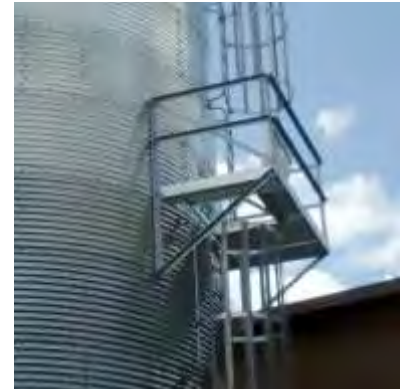
## LADDER EXTENSION LOCKABLE DOOR

- Lockable door for convenient access to your silo
- Bolts straight on to existing Dan Cosgrove silos
- Restricts & prevents unauthorised access
- Easily fitted
- Affordable safety solutions



# OPTIONAL EXTRAS

**Blow Pipe • Bag off Chute • Self Opening Kit  
Sight Glass • Level Indicator • Platforms**



## TANK

### EFFLUENT TANK

- Concrete Floor
- Strong Robust Construction using
- Stainless Steel Composite Plate
- Site Specific Design to meet your Individual Requirements
- 500m<sup>3</sup> to 3,000m<sup>3</sup> and larger





# New Zealand's leading silo manufacturer since 1966

**100% LOCALLY OWNED  
AND OPERATED**

**PERSONAL SERVICE  
WITH PRIDE**

**Contact us today to find out  
how we can support you  
and your business.**



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2014 LTD

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