


GENERAL CATALOGUE

EN



 **DCM**
SPREADERS

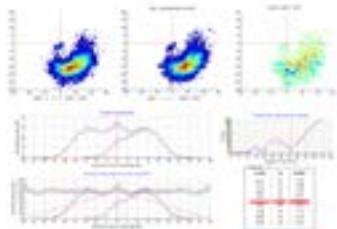
TECHNOLOGY, PRODUCTIVITY AND ELEGANCE AT THE HIGHEST LEVELS



The firm Dal Cero was first established in 1980 in Roncà (Verona), we were particularly specialized in the production of fertilizer spreaders, trailer, drills and tools for agriculture.

PRECISION SPREADING

TESTED



The Section Control system is used for a perfect distribution even in irregularly shaped fields. The border system controls the spreading on the borders in accordance with European environmental standards EN 13739-1.

It is connected to the new additional weighing frame making it possible to regulate the dose and the working width by the ISOBUS terminal.

Precision control is ensured by an extremely tested weighing technique to regulate the flow, regardless of the quantity, feed rate or working width.

ELECTRONIC CONTROL

To maximize efficiency and work more profitably while protecting the environment and its natural resources at the same time, we have carefully designed a control and management systems that regulate the automatic sliders opening and the sections.



FUNCTIONAL EQUIPMENT

- 1 ISOBUS terminal ISO 11783;
- 2 Additional frame with self-calibrating and continuous weighing system with 2 or 4 load cells (depending on the model);
- 3 Spreading charts with free download APP (iOS or Android);
- 4 Oil bath reduction gear (fully sealed);
- 5 Simple and precise quantity adjustment;
- 6 Automatic dosage system (by electric actuators) according to the feed rate of the tractor (DPAE);
- 7 Adjustable and extendable vanes to adjust the working width according to the type of fertilizer;
- 8 Eccentric agitators with reduced rotation speed (only on Line M);
- 9 Reflex reflectors and retro-reflective tape white/red for road safety;
- 10 STAINLESS STEEL front splash guards;
- 11 Led lighting kit;
- 12 SECTION CONTROL 2.0: work width management (on fields with irregular shapes) by 2 independent electric actuators (16 sections).

LINE SW 5

10 - 18 METERS

SW5

Professional fertilizer spreader, SW5 (PATENTED) is a compact machine. It is suitable for the distribution of chemical, granulated, powdery and pellets fertilizer on vineyard.

The hopper width (1,10 mt), ideal for vineyards and orchards, avoids damages to the plants.

Capacity from 600 to 1000 lt.

The spreading disc, vanes, agitators, housing and opening plates are made of stainless steel in order to ensure a long-term life.

Due to the corrosive products used during operations, every component of the machine has been treated and painted before being assembly.

ISOBUS version available with load cells.

Entering prescription maps on the monitor it is possible to diversify the dose, based on the real needs of the plants (VARIABLE RATE).

SW5



M: **MECHANICAL** **E:** **ISOBUS**

Model	Liters	Maximum capacity	r.p.m.	Machine dimension	Loading height	Weight	
	lt	Kg	r.p.m.	M-E	cm	M	E
SW5 M-E 600	590	1.000	540	A=130 B=110 C=100	100	240	250
SW5 M-E 800	830	1.000	540	A=130 B=110 C=120	120	260	270
SW5 M-E 1000	1.010	1.000	540	A=130 B=110 C=140	140	280	290

LINE S18

10 - 18 METERS

S18

Professional fertilizer spreader S18 is suitable for the distribution of chemical, granulated, powdery and pellets fertilizer. It is able to reach a maximum working width of 18 mt. (with urea is spreadable up to 15 mt.).

Available with a capacity from 800 to 1600 lt. The spreading discs, vanes, agitators, housing and opening plates are made of stainless steel in order to ensure a long-term life. Due to the corrosive products used during operations, every component of the machine has been treated and painted before being assembly. ISOBUS version available with load cells. Entering prescription maps on the monitor it is possible to diversify the dose, based on the real needs of the plants (VARIABLE RATE).

SECTION CONTROL 1.0

S18 S model has a standard 8 section working width control through dose variation.

In wedge-shaped areas the spreading is more uniform, and the actual amount of fertilizer remains constant over the entire surface.

It is possible to adjust the working width AUTOMATICALLY by GPS from outside to inside in 4 sections per side.



S18



M: **MECHANICAL** **E:** **ISOBUS** **S:** **ISOBUS** **SECTION CONTROL 1.0**

Model	Liters	Maximum capacity	r.p.m.	Machine dimension	Loading height	Weight	
	lt	Kg	r.p.m.	M-E-S	cm	M	E-S
S18 M-E-S 800	800	1.600	540	A=116 B=141 C=114	114	250	260
S18 M-E-S 1.200	1.170	1.600	540	A=116 B=141 C=142	142	270	280
S18 M-E-S 1.600	1.540	1.600	540	A=116 B=141 C=169	169	290	300

LINE S18 X

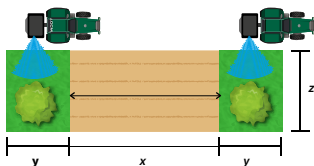
10 - 18 METERS



S18 X

Professional fertilizer spreader S18 is suitable for the distribution of chemical, granulated, powdery and pellets fertilizer. It is able to reach a maximum working width of 18 mt. (with urea is spreadable up to 15 mt.). Available with a capacity from 800 to 1600 lt. The spreading discs, vanes, agitators, housing and opening plates are made of stainless steel in order to ensure a long-term life. Due to the corrosive products used during operations, every component of the machine has been treated and painted before being assembled.







The spreader is equipped with SONAR system to accurately detect the plants. It is suitable for open field, vineyard, fruit orchards, nut, poplar and olive plantations. The machine is fitted with a 4.5" monitor to set the distribution interval measurements (x,y,z) or to control the openings deactivating the sonar.



S18 X



DCM
SONAR

Model	 Liters	 Maximum capacity	 r.p.m.	 Machine dimension	 Loading height	 Weight
	lt	Kg	r.p.m.	cm	cm	Kg
S18 X 800	800	1.600	540	A=116 B=141 C=114	114	260
S18 X 1200	1.170	1.600	540	A=116 B=141 C=142	142	280
S18 X 1600	1.540	1.600	540	A=116 B=141 C=169	169	300

LINE S 2 4

10 - 24 METERS



S24

Professional fertilizer spreader S24 is suitable for the distribution of chemical, granulated, powdery and pellets fertilizer. It is able to reach a maximum working width of 24 mt. (with urea is spreadable up to 18 mt.). Available with a capacity from 1200 to 2300 lt.

The spreading discs, vanes, agitators, housing and opening plates are made of stainless steel in order to ensure a long-term life. Due to the corrosive products used during operations, every component of the machine has been treated and painted before being assembly. ISOBUS version available with load cells. Entering prescription maps on the monitor it is possible to diversify the dos

SECTION CONTROL 1.0

S24 S model has a standard 8 section working width control through dose variation.

In wedge-shaped areas the spreading is more uniform, and the actual amount of fertilizer remains constant over the entire surface. It is possible to adjust the working width AUTOMATICALLY by GPS from outside to inside in 4 sections per side.



S24



M: **MECHANICAL** **E:** **ISOBUS** **S:** **ISOBUS** **SECTION CONTROL 1.0**

Model	Liters	Maximum capacity	r.p.m.	Machine dimension	Loading height	Weight	
	lt	Kg	r.p.m.	M-E-S	cm	M	E-S
S24 M-E-S 1.200	1.200	2.300	540	A=135 B=200 C=120	120	280	290
S24 M-E-S 1.750	1.750	2.300	540	A=135 B=200 C=142	142	300	310
S24 M-E-S 2.300	2.300	2.300	540	A=135 B=200 C=164	164	320	330

LINE M36

18 - 36 METERS

M36

Professional fertilizer spreader M36 is suitable for the distribution of chemical, granulated, powdery and pellets fertilizer. It is able to reach a maximum working width of 36 mt. Available with a capacity from 1500 to 4200 lt. The spreading discs, vanes, agitators, housing and opening plates are made of stainless steel in order to ensure a long-term life. Due to the corrosive products used during operations, every component of the machine has been treated and painted before being assembly. ISOBUS version available with load cells. Entering prescription maps on the monitor it is possible to diversify the dose, based on the real needs of the plants (VARIABLE RATE).

SECTION CONTROL 1.0

M36 S model has a standard 8 section working width control through dose variation.

In wedge-shaped areas the spreading is more uniform, and the actual amount of fertilizer remains constant over the entire surface.

It is possible to adjust the working width AUTOMATICALLY by GPS from outside to inside in 4 sections per side.



M36



M: **MECHANICAL** **E:** **ISOBUS** **S:** **SECTION CONTROL 1.0**

Model	Liters	Maximum capacity	r.p.m.	Machine dimension		Loading height	Weight	
	lit	Kg	r.p.m.	M	E-S	cm	M	E-S
M36 M-E-S 1.500	1.500	4.200	540	A=160	A=178 B=220 C=125	125	530	590
M36 M-E-S 2.000	2.000	4.200	540	A=160	A=178 B=220 C=140	140	570	630
M36 M-E-S 2.500	2.500	4.200	540	A=160	A=178 B=220 C=155	155	610	670
M36 M-E-S 3.000	3.000	4.200	540	A=160	A=178 B=220 C=170	170	650	710
M36 M-E-S 3.200	3.200	4.200	540	A=160	A=178 B=280 C=154	154	610	670
M36 M-E-S 3.700	3.700	4.200	540	A=160	A=178 B=280 C=164	164	652	712
M36 M-E-S 4.200	4.200	4.200	540	A=160	A=178 B=280 C=174	174	694	754

LINE M42 ISO

18 - 45 METERS

M42 ISO

The new fertilizer spreader M42 ISO with a hopper capacity from 1.500 to 4.200 lt. has been specially designed for professional farmers. The working width (45 mt) is divided into 16 sections (8 right – 8 left).

The dose and the drop point of the fertilizer are automatically adjusted by disconnecting the sections from the outside to the inside. Section Control system 2.0 connected to the ISOBUS terminal allows to adjust the dose and the working width by GPS, allowing a perfect overlap, saving costs and maximizing the production, especially in the presence of fields with irregular shapes.

The distribution is extremely tested in flow regulation, independently of the changes of quantity, speed or working width, through the use of a subframe. ISOBUS version available with load cells.

Entering prescription maps on the monitor it is possible to diversify the dose, based on the real needs of the plants (VARIABLE RATE).



M42 ISO



ISO: **SECTION CONTROL 2.0**

Model	Liters	Maximum capacity	r.p.m	Machine dimension	Loading height	Weight
	lt	Kg	r.p.m.	ISO	cm	Kg
M42 ISO 1.500	1.500	4.200	540	A=178 B=220 C=125	125	610
M42 ISO 2.000	2.000	4.200	540	A=178 B=220 C=145	140	650
M42 ISO 2.500	2.500	4.200	540	A=178 B=220 C=155	155	690
M42 ISO 3.000	3.000	4.200	540	A=178 B=220 C=170	170	730
M42 ISO 3.200	3.200	4.200	540	A=178 B=280 C=154	154	690
M42 ISO 3.700	3.700	4.200	540	A=178 B=280 C=164	164	732
M42 ISO 4.200	4.200	4.200	540	A=178 B=280 C=174	174	774

LINE SCU DD

10 - 18 METERS







SCU/DD

The particular form of the hopper and the slow-turning agitator (77 g/min) allow an easy flow of compost with a specific humidity up to 38%. Model SCU/DD (PATENTED) double disc has been mainly designed for the distribution of humid fertilizers (as compost, humus, concentrated manure) but it is able to distribute also gypsum and lime besides of any other type of fertilizer, guaranteeing uniformity of distribution both in full field and localized (possibility to distribute only to the RIGHT, only to the LEFT or on both sides).



SCU/DD



Model	 Liters	 Maximum capacity	 r.p.m	 Machine dimension	 Loading height	 Weight
	lt	Kg	r.p.m.	DD	cm	kg
SCU DD 700	730	1.400	540	A=157 B=115 C=115	115	365
SCU DD 1.000	1.080	1.400	540	A=157 B=115 C=135	135	385
SCU DD 1.400	1.430	1.400	540	A=157 B=115 C=161	161	405

LINE SCU/N







6 -16 METERS

SCU/N

The particular form of the hopper and the slow-turning agitator (77 g/min) allow an easy flow of compost with a specific humidity up to 38%. Model SCU/N (PATENTED) mono disc has been mainly designed for the distribution of humid fertilizers (as compost, humus, concentrated manure) but it is able to distribute also gypsum and lime besides of any other type of fertilizer.

SCU/N



Model	 Liters	 Maximum capacity	 r.p.m	 Machine dimension	 Loading height	 Weight
	lt	Kg	r.p.m.	N	cm	kg
SCU N 700	730	1.400	540	A=157 B=115 C=115	115	315
SCU N 1.000	1.080	1.400	540	A=157 B=115 C=135	135	335
SCU N 1.400	1.430	1.400	540	A=157 B=115 C=161	161	355

LINE G10

G10

G10 model is designed to lift 600 kg or more fertilizer bags in an easy way and it can be applied to any tractor with a 3-point linkage 2° category.

Made of high quality steel, it can be connected to any fertilizer spreader with a maximum capacity of 2500 lt.

The lifting arm is controlled by an hydraulic distributor from the tractor cab (2 double-acting hydraulic connections are required) and it can lift up to 1000 kg maximum.

Its maneuverability and speed of movement is very useful for various lifting jobs within the farm.

Made of high quality steel, it can be connected to any fertilizer spreader with a maximum capacity of 2500 lt.



G10



Model	Max load with extended arm	Max extension	Max elevation of uplifting	Weight empty	Size when closed	Min required tractor's power	Min required pressure
	Kg	mt	mt	Kg	cm	hp	
G10	1.000	3,5	4,5	360	200 x 120 x 230	60	25 l/min - 180 bar

LINE CSE - CPS

CSE-CPS

CSE-CPS are trailers that can be used to mount any fertilizer spreader with a capacity from 4.000 to 5.000 liters.

It has got an adjustable wheel spacing from 1,80 to 2,20 mt and it is possible to mount wheels for rice field.



Trolleys are equipped with ladder and 3-point linkage 2° category, adjustable both in height and width.

The support foot is adjustable in two heights (if the wheels change).



CSE - CPS



Model	Capacity		
		Maximum capacity	Weight
	Kg	Kg	Kg
CSE	4.000	4.000	550
CPS	5.000	5.000	580



LINE CSC

CSC

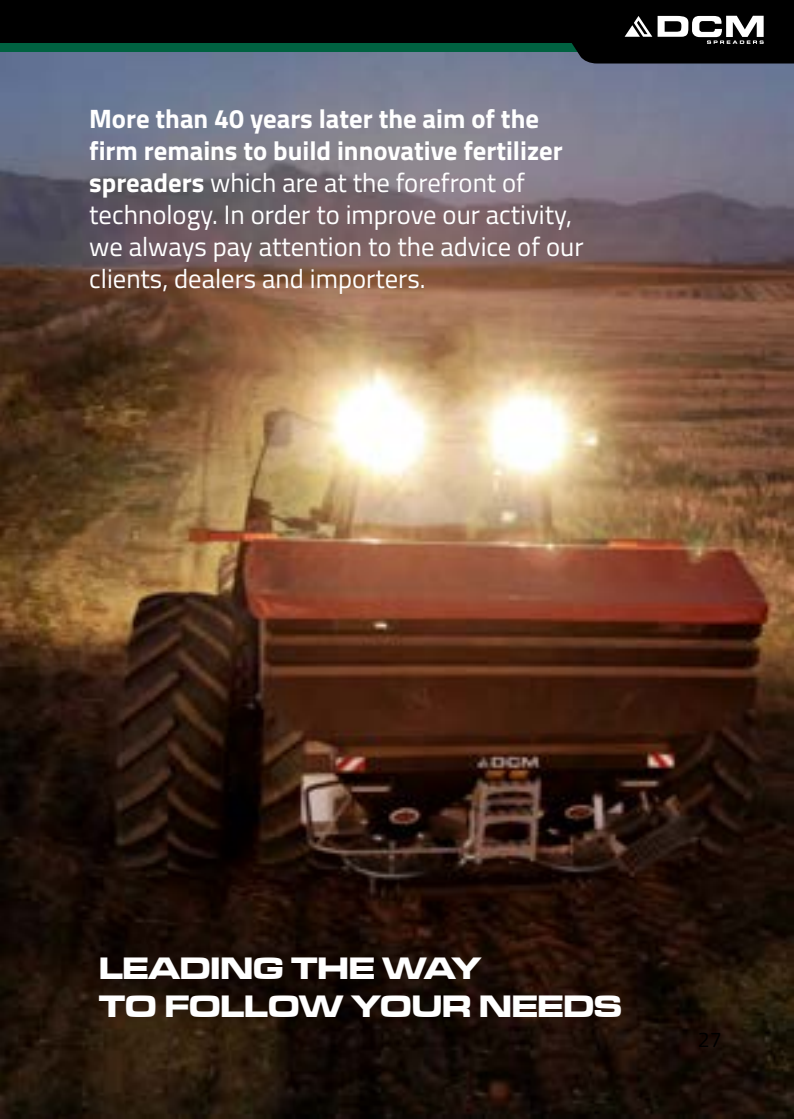


CSC model is designed for models of Line SW5, S18 and SCU both for open field spreading and localized.

Its fixed wheel spacing, of only 1,40 mt and its maximum capacity of 2500 kg, allows you to enter quietly on vineyards / orchards, but also on open field crops. The CSC trolley is complete with cardan shaft and adjustable support foot.

Model	Capacity	 Maximum capacity	 Weight
	Kg	Kg	
CSC	2.500	2.500	300



More than 40 years later the aim of the firm remains to build innovative fertilizer spreaders which are at the forefront of technology. In order to improve our activity, we always pay attention to the advice of our clients, dealers and importers.



**LEADING THE WAY
TO FOLLOW YOUR NEEDS**



Via Moschina, 4 - 37030 Roncà (VR) ITALY
Tel. (+39) 045 7460455
www.dcmspreaders.com
info@dcmspreaders.com

  DCM Spreaders

