



### Direct drills for sustainable arable farming

The Vredo Agri direct drills are world renowned for quality, performance and innovation in the global agricultural sector. These machines are a must for anyone looking for a professional approach to direct drilling in arable stubbles, such as wheat, barley and grain. The direct drills are also known as overseeders to rejuvenate pastures.

Seeding is only successful if the seed is directly sown into the soil. The Agricultural drills are equipped with the famous and proven Vredo Double-Disc System. The pairs of independently sprung discs, set 7.5 cms apart, deposits the seed up to 35mm deep into the soil. The seed is guided into a V-shaped slit in the sward. Whatever the soil conditions – clay, peat, loam or sand – wet or dry. The roller then closes the slit and ensures good contact between seed and soil. Water and nutrients have thereby easy access to the seed, this encourages strong root formation and fast germination. After clean harvesting of straw there is no need for prior seed bed cultivation or preparation beforehand. Vredo seeders can sow a large variety of seeds including arable and cover crops directly through cover crops up to 15cm in height.

Direct drilling doesn't disturb the surface and is therefore the most environmental responsible way to drill. The organic layer stays in the top part of the soil, which guarantees healthy crops.

Vredo agricultural drills are available from 3 up to 5.8 metres and equipped either a mechanical (Agri) or pneumatic hopper. (Agri Air and Agri Twin).

### Choose a suitable roller

The Agricultural drills can be equipped with either smooth or packer ring roller. Packer ring rollers are perfect for rough surfaces and paddocks with undulating terrain and ditches. This roller has movable cast iron rings with a vertical play of about 50 mm, are toothed. The toothed roller stimulates the tillering of good species and decrease the growth of weeds.

### Distribution of the seed

The seed hopper can be filled safely via a standing platform. The pneumatic/mechanical seed distribution has seamless adjustment from 3 to 210 kg/hectare. This enables an accurate and quick calibration. For very small quantities i.e. clover or large grain or barley, special cam wheels are available. With a working speed of approximately 13 km/h the capacity is fantastic. A land wheel drives the seed system independently keeping a consistent seed dosage irrespective of travel speed – slow or fast, seed rate per m<sup>2</sup> is always the same! As standard fitting the Agricultural drills are supplied with a hectare counter (day and overall counter), a platform for safe filling of the machine and LED light kits for safe road transport.

### VREDO double disc principal



Vredo Agri direct drills; "for environmentally and successful drilling"

**Campey Agriculture**

Call +44(0) 1260 224568 or visit [www.campeyagriculture.com](http://www.campeyagriculture.com)

**Vredo**

The fieldcare company



Smooth roller



Packer ring roller



### Options

1



Scraper for packer ring roller  
Ingeniously clever scraper to keep every movable packer ring individually clean for an optimal performance, even under wet and heavy conditions.

2



Cam wheel for seeding small seeds  
in small dosage, for instance clover seed.  
(only for Air and Twin)

2



Cam wheel for seeding bigger seeds  
in larger dosages, for instance rye seeds.  
(only for Air and Twin)

### Standard new features

A



Platform  
Stable metal standing platform for filling of the machine.  
Agri; platform optional

B



Digital hectare counter (day and overall counter)  
For a simple registration of the covered acres  
(only for Air and Twin)

C



LED lights  
Bright light with clear signs of direction and brakes for transport on the road.

3



Protection shield  
Black shield behind the discs for protection of the discs.

4



Stone protection  
To avoid getting stones, clods and crop residues in between the discs.

5



EDS  
Electronic Dosage System, for simply an accurately adjusting the required seed dosage. (only for Air and Twin)

## Specifications Vredo DZ Agri/Air/Twin

Seed distribution	Disc diameter	Element	Turf guard	Compaction Roller	Calibrate
Variable 3 till 190 kg/hectare	Ø 406 mm	Progressive suspension suspension length 11 cm 0-25mm sowing depth	Adjustable	Smooth roller: refillable 250/290 litre, height adjustable / Cast iron Packerring roller, with 50 mm vertical play	Calibration chart, Calibrating trays

Type	Roller	Width (m)	Row distance (cm)	Contents seed hop - per	Contents roller	Weight (kg)	Mounting	Required Tractor Power	Dimensions (m)
DZ 229.075 Agri	Smooth	3,00	7,5	290 l.	290 l.	1410	3-point	90 hp	1.31x3.00x1.23
DZ 229.075 Agri	Packer	3,00	7,5	290 l.	-	2205	3-point	100 hp	1.31x3.00x1.23
DZ 329.075 Agri Air	Smooth	3,00	7,5	450 l.	290 l.	1465	3-point	90 hp	1.31x2.90x1.60
DZ 329.075 Agri Air	Packer	3,00	7,5	450 l.	-	2115	3-point	100 hp	1.31x2.90x1.60
DZ 344.075 Agri Twin	Smooth	3,00/4.40	7,5	450 l.	440 l.	2235	3-point	125 hp	1.49x4.40x2.05
DZ 344.075 Agri Twin	Packer	3,00/4.40	7,5	450 l.	-	3000	3-point	150 hp	1.49x4.40x2.05
DZ 358.075 Agri Twin	Smooth	3,00/5.80	7,5	450 l.	580 l.	2750	3-point	150 hp	1.49x5.90x2.05
DZ 358.075 Agri Twin	Packer	3,00/5.80	7,5	450 l.	-	3815	3-point	180 hp	1.49x5.90x2.05