



DUNCAN

Built to work.

For great pasture and crop yield.

Choose Duncan Disc Drills.



DUNCANAG.COM

The world's best pasture and crops demand the world's best technology.

From our origins designing and building swamp ploughs for breaking in land, to supporting efficient pasture and crop management practices of modern day farming, Duncan machinery has always taken the lead.

Our world-best drilling technology is helping farmers produce some of the world's highest yielding pasture for all stock grazing applications – delivering improved milk output, greater returns from sheep and beef, and improved crop yields.

We understand farming conditions, so all Duncan products can be relied upon to deliver reduced downtime, lower maintenance costs and longer machine life, whatever the demands placed on them.

Choose Duncan to increase your yield and returns.

Direct drilling. Better for your soil, better for your bottom line.

Why choose a disc drill:

- excellent at cutting through trash and stubble
- cuts a clean slot leaving a very neat and tidy finish
- fluted and scalloped discs minimise hair pinning
- greater ability to follow contour of the ground to deliver seed evenly on all terrain
- suited for rocky conditions without bringing rocks to the surface
- in most set-ups it will sow

the fertiliser slightly deeper than the seed

- electric drive is available on most models
- available as double or triple disc configurations

Economic benefits:

- reduces fuel use by 50-75%
- reduces labour by up to 60%
- reduces time in tractor seat by up to 50%
- equipment breakages in stony conditions are rare compared with traditional tillage methods

Soil conservation benefits:

- reduces soil erosion caused by wind and water
- reduces soil compaction
- reduces soil moisture loss
- reduces irrigation frequency
- enables earlier grazing of new pastures due to the ground being left relatively intact
- stones are not brought to the surface



Which Duncan Disc Drill is right for you?

For horticulture or viticulture?	Vineyard Seeder	04
Looking for performance on a budget?	Enviro DD30,35	05
Large scale contractor?	Enviro DD45,50,55	07
Want the ultimate triple disc?	Enviro ATD30	09
Compare all disc drill features.	Comparison chart	10
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Vineyard Seeder

Designed for versatility and ease of sowing in vineyards and orchards. The drill is mounted on 3PL with ground wheels to set the sowing depth.



Seed size:
Small to large



Operation size:
Up to 100Ha

Features

- Large diameter discs to cut through trash
- Peg tooth roller units for sowing a variety of seeds and fertilisers
- Rear foot board
- Weather skirts to protect the outlet units in damp conditions
- Weigh kit to weigh seed and fertiliser
- Twin boxes
- Simple calibration system
- Agitator shaft prevents seed compaction and vee's in the bottom of boxes to improve seed flow
- Press wheels are optional

Dimensions & Capacities

10 Row

Sowing width (mm)	1800
Overall width (mm)	1835
Overall length (mm)	1610
Overall height (mm)	1520
Unladen weight (kg)	660
Row spacing (mm)	180
Box capacity (l per box)	209



Optional press wheels



Double discs



Guards on both ends of the drill to avoid snagging vines/trees



Enviro DD30/35

The fixed frame Enviro DD30 and DD35 have a double disc setup with a unique offset scalloped disc which leads a plain disc to open up the seeding slot and give good ground penetration. These machines will handle trash and deliver seed evenly on all terrain. An extensive list of options including press wheels make these very versatile drills.



Seed size:
Small to large



Operation size:
100Ha-300Ha

Features

- Accurate and versatile seed metering system
- Large capacity split hopper
- Double disc with ground following ability
- Large loading/access platform with safety rails

Dimensions & Capacities

23 Row 3 Metre

27 Row 3.5 Metre

Sowing width (mm)	2875	3375
Overall width (mm)	3070	3570
Working height (mm)	2300	2300
Transport height (mm)	2500	2500
Unladen weight - with press wheels fitted (kg)	2700	3000
Row spacing (mm)	125	125
Hopper capacity (L per side)	700	700



Scalloped disc and plain disc



Press wheel following the double discs




Metering distribution unit - high and low ratio settings



Enviro DD45/50/55

These Enviro DD models are folding versions of the DD30. Perfect for large scale farmers and contractors. These machines are easy to set up and operate, and the folding frame ensures that it is wide at work and narrow to transport. An extensive list of options including press wheels make these very versatile drills.

 **Seed size:**
Small to large

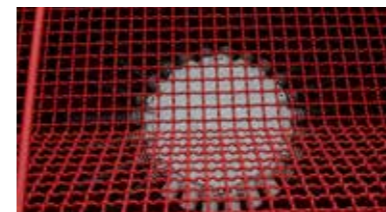
 **Operation size:**
300Ha plus

Features

- Large, easy access loading platforms & safety rails
- Unique scalloped disc creates tilth and leads the plain disc which opens up the slot
- RDS electric drive system with ground speed radar
- Accord type metering and air system with hydraulic fan
- Wide flotation transport wheels
- Automatic wing locks when in transport
- Hydraulically controlled downward pressure on the wings
- Easy sowing depth adjustment
- Bin level sensors in hoppers
- Large 1200 litre hoppers with internal distributor heads

Dimensions & Capacities

	DD45 30 Run	DD45 36 Run	DD50 34 Run	DD50 40 Run	DD55 36 Run	DD55 44 Run
Sowing width (mm)	4500	4500	5100	5000	5400	5500
Transport width (mm)	3100	3100	3100	3100	3100	3100
Working width (mm)	4920	4920	5320	5320	5820	5820
Overall length (mm)	5225	5225	5225	5225	5225	5225
Working height (mm)	2940	2940	2940	2940	2940	2940
Transport height (mm)	3265	3265	3265	3265	3265	3265
Unladen weight (kg)	4650	4900	4800	5050	4950	5200
Row spacing (mm)	150	125	150	125	150	125
Hopper capacity (L per side)	1200	1200	1200	1200	1200	1200



Distributor head & mesh screen in the hopper



Hydraulic fan with splitter



2 point hitch tow coupling



Depth adjustment on rams



Folded for transport



Optional heat exchanger



Enviro ATD30

The Enviro ATD30 is the ultimate triple disc, multi-purpose seeder. It features opening Turbo Tilth discs followed by large diameter, narrow "V" spacing double discs for excellent ground penetration. The double disc and press wheel assemblies are mounted on ground following parallelogram systems. Tailor to your needs by adding a steering axle, brakes, stabilising wheels, bin cameras and extra hoppers for small seeds and pesticides.



Seed size:
Small to large



Operation size:
300Ha plus

Features

- RDS electric drive system with ground speed radar
- Stainless steel Amazone metering units with exchangeable cartridges for sowing a variety of small to large seeds and fertilisers and are very easy to calibrate
- Large 406mm diameter Turbo Tilth blades cut slots into the toughest of ground conditions
- Large 400mm plain discs mounted in a narrow "V" penetrate and open up the slots for accurate seed and fertiliser placement
- Depth control press wheels control the sowing height and close the slot, enhancing seed to soil contact.
- Bin level sensors in hoppers
- Large 1300 litre split hoppers
- 500/60-22.5 wide flotation transport wheels
- 2 point hitch tow coupling for easy maneuverability

Dimensions & Capacities

	25 Row	27 Row
Sowing width (mm)	3100	3100
Overall width (mm)	3100	3100
Overall length (mm)	6100	6100
Working height (mm)	2790	2790
Transport height (mm)	3330	3330
Unladen weight (kg)	6600	6600
Row spacing (mm)	125	115
Hopper capacity (L per side)	1300	1300



Heat exchanger keeps air flow dry



Opening Turbo Tilth disc, double discs on parallelogram & press wheels



Stainless steel Amazone style metering system in both hoppers



External distributor heads with straight hose runs for good seed flow



Optional rear towbar kit



Optional 3rd & 4th hoppers for small seeds & pesticides

Disc Drill Feature Comparison Chart

MODELS	Vineyard Seeder	DD30 DD35	DD45 DD50 DD55	ATD30
FEATURES				
Gravity feed	•			
Air feed		•	•	•
Single box/hopper		○	○	○
Double or dual box/hopper	•	•	•	•
2PTL hitch			•	•
Drawbar hitch		•		
3PL hitch	•			
Fixed frame	•	•		•
Folding frame			•	
Double disc	•	•	•	
Triple disc				•
Spring head assembly		•	•	
Drag arm assembly	•			
Parallelogram assembly				•
Press wheels	○	○	○	
Depth control - press wheels				•
Depth control - wheel arms	•	•	•	
Powder coated finish	•	•	•	•
Stainless steel agitator shafts in box/hopper	•	•	•	•
3 year structural warranty	•	•	•	•
3rd seed box/hopper - seeds		○	○	○
4th hopper - pesticides		○	○	○
Tine harrows		○	○	
Uni-Roller		○		
Hectaremeter kit	○	•		
Mechanical drive	•	•		
Electric drive		○	•	•
ISOCAN - only with electric drive		○	•	•
ISOBUS		○	○	○
Stainless steel box/hopper	○	○	○	○
Heat exchanger kit		○	○	•
Hydraulic ram on drawbar		○		
Mounted hydraulic crane		○	○	○
Seed level indicator in box/hopper	○	○	•	•
Camera in hopper		○	○	○
Wider tyres		○		
Bin extension kit		○		
Rear tow bar		○	○	○
Jack stand on drawbar		•		
Drop down stand			•	•
Visibility & lighting kit		○	○	•

• Standard feature ○ Optional feature



Following Tools and Accessories

Achieve superior germination with our range of quality following tools and accessories for your Duncan seed drill.

Uni-Roller

The Uni-Roller is a following tool for use in direct drilled or worked ground applications. The Uni-roller comes with new tyres for even compaction, can be water filled for added weight, and is able to be towed on the road.

Features	Dimensions	2.4m	3m	3.5m
• 2.4 metre, 3 metre or 3.5 metre sizes	Overall width (mm)	2554	3153	3612
• Made with new tyres	Working width (mm)	2390	2990	3448
• Jack stand is standard	Length (mm)	2300	2300	2300
• Ability to add water weight	Weight with water (kg)	680	800	915
• Fully powder coated finish	Weight - unladen (kg)	496	578	652



Contour Rollers

The Contour Tyre Roller has two wheels per independent oscillating assembly for the best ground following ability in closing the slots and ensuring good seed-to-soil contact.

Features	Dimensions	3m	3.5m	5.3m	6m
• 2 wheels per oscillating assembly for better ground following ability	Overall width (mm)	3000	3660	5560	6280
• Fully powder coated finish	Transport width (mm)	3000	3660	3000	3000
• Ability to add water weight	Height - working (mm)	1030	1030	1150	1150
• Made with new tyres	Height - transport (mm)	-	-	3260	3615
• Jack stand	Length (mm)			4050	4050
• Hydraulic folding frame for wider than 3.5m models	Qty of tyres	14	20	30	34
	Turf tyre	23 x 10, 5-12/12" x 7" Rim			



Tine Harrows

The ideal and economical following tool after sowing direct or into worked ground. Offering adjustable tension and tine pitch, with transport and work positions. This covering tool will create good seed-to-soil contact.

Features	Dimensions	1.9m	2.4m	3m	3.5m
• Adjustable tine pitch	Overall width (mm)	1900	2400	3000	3500
• Raises up and down with drill	Working width (mm)	1900	2400	3000	3500
• Adjustable spring tension	Weight (kg)	70	80	90	110
• Adjustable transport/work position					
• Replaceable tines					



Crane

The German manufactured Duncan Atlas hydraulic cranes are compact, lightweight and effective lifting and loading tools for the safe loading of seed or fertiliser bags into any Duncan seed drill hopper.

Dimensions & Capacities	AKT23A28	AKT33A28
Max. lift capacity (kg)	1800	2350
Reach @ max. lift capacity	1.26	1.36
Stages	3	3
Max. reach (m)	4.2	4.36
Lift capacity @ max. reach (kg)	500	700

AKT23A28				
Weight (kg)	1800	950	650	500
Reach (mm)	1260	2260	3260	4200

AKT33A28				
Weight (kg)	2350	1350	950	700
Reach (mm)	1360	2360	3360	4360



APV Slug Bait Spinner

The ES 100 M3 Special is ideal for spreading grass seed or slug bait. The working width can be adjusted for the specific requirements from the driver's seat using the control box. The seeding rate can be quickly and easily adjusted using a metering shutter.

Features

- 2 -24 metre working width
- Unit weighs 30kg empty
- 105 litre hopper
- 12v, 25 amp power supply
- 3 metre cable from battery to the control panel
- 6 metre cable from the APV unit to the control panel in the tractor cab
- Dispersion plate for improved accuracy
- Model 3.5 control panel
- Automatic starter for compacted material



APV Seeder

These APV hydraulic or electric air seeding units are suitable as third hoppers on most Duncan drill models. Ideally suited for broadcasting cover crops in the same pass as sowing the main crop.

Dimensions & Capacities	PS 300 M1 Electric fan	PS 300 M1 Hydraulic fan	PS 500 M2 Hydraulic fan
Hopper (L)	300	300	500
Sowing width (m)	1 - 4	1 - 12	1 - 12
Outlets	8	8	8
Weight (kg)	70	93	116
Dimensions (L x W x H cm)	110x77x100	110x77x100	125x80x125
V (through a euro (D) plug)	12V, 25A	12V, 25A	12V, 25A
Control panel	Yes	Yes	Yes
Spreader plates	Yes	Yes	Yes
Fine and coarse seed roller	Yes	Yes	Yes
25m Seed hose	Yes	Yes	Yes
Cable (1.5m) from euro plug to control panel	Yes	Yes	Yes
Cable (6m) from control panel to the APV Unit	Yes	Yes	Yes
8mm Base metal base plate	Standard	Standard	Standard





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