Direct tine drill specifications

TINE COULTER DIRECT DRILLS

Note n/a = feature not available; na = information not available. tbc = to be confirmed; poa = price on application; std = standard. See **fwi.co.uk** for updated and new drills review.

Model	Mounted or trailed	Width	Seed rows/spacing	Coulter rows	Hopper capacity	Seed/fertiliser	Weight	Price
AERWORX								*NEW MODELS
Grasshopper Format: Box drill with full-width hopper.								
Grasshopper DT 12*	Mounted	1.5m	12 x 125mm	Three separate rows	150 litres	Seed	395kg	£7,995
Boa Format: Box drill with full-width 1,000-litre hopper (seed-only, variable seed/fertiliser split and other sizes available), gravity feed and tine coulters. **Pre-coulter tools:** None. **Seed coulters:** Tine. **Depth control:** Manual by land wheel linked to parallel linkage tine frame. **After coulters:** Spring/pigtail tine levelling harrows or press wheels. **Fertiliser:** Mechanical metering across hopper with distribution through seed delivery tubes. Transport width 3m or under. **Options:** Tramline kit – electric or manual, Fieldmeter.								
Boa DT 19	Mounted	2.5m	19 x 125mm	Three separate rows	1,000 litres	Seed and fertiliser	1,100kg	£18,100
Boa DT 21	Mounted	2.7m	21 x 125mm	Three separate rows	1,000 litres	Seed and fertiliser	1,200kg	£18,600
Boa DT 23	Mounted	3m	23 x 125mm	Three separate rows	1,000 litres	Seed and fertiliser	1,250kg	£19,100
AGRISEM								NEW ENTRY
T-Boss Format: Mounted folding tine drill with pneumatic seed delivery from a separate hopper; three front support wheels and Cat 3 linkage. **Pre-coulter tools:** No separate cultivation tools specified. **Seed coulters:** Four rows of narrow, tungsten-carbide-protected openers on individual parallelogram linkages, with pneumatic pressure adjustment; seed placed behind the tine heel. **Depth control:** Individual EasyDepth adjustment and following depth-control/press wheel. **After coulters**: 110mm-wide FarmFlex W-profile press wheels with scrapers. **Fertiliser:** DSF/DSA split tank front hoppers available with up to three compartments.								
T-Boss	Mounted	6m	24 x 250mm	Four separate rows	1,500-3,200 litres	Seed or seed and fertiliser	2,545kg	£31,650
T-Boss	Mounted	6m	32 x 187.5mm	Four separate rows	1,500-3,200 litres	Seed or seed and fertiliser	3,035kg	£38,450
T-Boss	Mounted	8m	32 x 250mm	Four separate rows	1,500-3,200 litres	Seed or seed and fertiliser	3,100kg	£39,575
T-Boss	Mounted	8m	42 x 187.5mm	Four separate rows	1,500-3,200 litres	Seed or seed and fertiliser	3,610kg	£46,365
Note: *Single or dual outlet coulters for multi product applications. Following harrow an optional extra. Prices are for drill only.*								
Vibrosem SD Format: Folding mounted or trailed tine drill, compatible with DSF/DSA hoppers and pneumatic seed distribution. **Pre-coulter tools:** Front cutting-disc equipment available within the shared cultivator/drill platform; SD specification to be confirmed. **Seed coulters:** Four rows mounted or five rows trailed, using vibrating 3D sprung tines with narrow 12mm carbide-protected SD points and dedicated seed tubes. **Depth control:** Shared platform uses hydraulic adjustment through support wheels and/or roller. **After coulters:** Roller or harrow equipment according to specification. **Fertiliser:** Dual-product hoppers allow seed and fertiliser or two crops.								
Vibrosem SD	Mounted	4m	24 x 167mm or 20 x 220mm or 16 x 250mm	Four separate rows	1,500-3,200 litres	Seed or seed and fertiliser	1,840kg	£19,975
Vibrosem SD	Mounted	6m	36 x 167mm or 30 x 220mm or 24 x 250mm	Four separate rows	1,500-3,200 litres	Seed or seed and fertiliser	2,475kg	£25,775
Vibrosem SD	Trailed	6m	36 x 167mm or 30 x 220mm or 24 x 250mm	Five separate rows	1,500-3,200 litres	Seed or seed and fertiliser	5,450kg	£44,900
Vibrosem SD	Trailed	8m	48 x 167mm or 40 x 200mm or 32 x 250mm	Five separate rows	1,500-3,200 litres	Seed or seed and fertiliser	6,180kg	£49,875
Vibrosem SD	Trailed	9m	54 x 167mm or 45 x 200mm or 36 x 250mm	Five separate rows	1,500-3,200 litres	Seed or seed and fertiliser	6,340kg	£54,925
Note: *Agrisem drills are distributed in the UK by VSM Grow Tech. Prices are based on drill only with 250mm spacings, following harrow and LD 12mm points.*								
AITCHISON								
Grassfarmer 3000 Series Format: Full-width box hopper above coulters with gravity seed distribution. **Pre-coulter tools:** 355mm straight-running plain discs to cut through surface vegetation. **Seed coulters:** Three rows of pigtail tines with inverted 'T' boots. **Depth control:** Adjustable end wheels. **After coulters:** None. **Fertiliser:** Divided box hopper with drop tubes attached behind the tine coulters.								
3008	Mounted	1.2m	8 x 150mm	Three separate rows	130 litres	Seed	303kg	£8,995
3014C	Mounted	2.1m	14 x 150mm	Three separate rows	280 litres	Seed	525kg	£13,995
3018C	Mounted	2.7m	18 x 150mm	Three separate rows	365 litres	Seed	875kg	£16,995
Seedmatic 4000-series Mk4 Format: full-width box hopper above coulters with gravity seed distribution. **Pre-coulter tools:** 355mm straight-running plain discs mounted in pairs with coil spring adjustable pressure to cut through surface vegetation. **Seed coulters:** staggered row of pigtail tines with inverted 'T' boots. **Depth control:** adjustable end wheels. **After coulters:** None. **Fertiliser:** Divided box hopper with drop tubes attached behind the tine coulters.								
ASM-4020C	Mounted	2.5m	20 x 125mm	Three separate rows	700 litres	Seed	1,280kg	£17,995
ASM-4020CT	Trailed	2.5m	20 x 125mm	Three separate rows	700 litres	Seed	1,570kg	£19,995
ASM-4024C	Mounted	3m	24 x 125mm	Three separate rows	1,050 litres	Seed	1,440kg	£24,995
ASM-4124C	Mounted	3m	24 x 125mm	Three separate rows	1,160 litres	Seed and fertiliser	1,620kg	£29,995
ASM-4024CT	Trailed	3m	24 x 125mm	Three separate rows	1,050 litres	Seed	1,730kg	£26,995
ASM-4124CT	Trailed	3m	24 x 125mm	Three separate rows	1,160 litres	Seed and fertiliser	1,910kg	£31,995
ASM-4028CT	Trailed	3.5m	28 x 125mm	Three separate rows	1,000 litres	Seed	1,870kg	£33,995
ASM-4128CT	Trailed	3.5m	28 x 125mm	Three separate rows	1,355 litres	Seed and fertiliser	2,050kg	£35,995
Note: *Distributed by UK Farm Agri.*								
AMAZONE								
Cayena Format: Hopper on frame, rear press wheels. **Pre-coulter tools:** Optional straight-running, fluted trash-cutting discs. **Seed coulters:** TineTecC HD chisel openers protected by rubber frame-clamp inserts allowing three-way displacement. **Depth control:** Tractor lower link arms and rear packer; central depth adjustment by spindle. **After coulters:** Exact S harrow and 800mm wedge ring tyre roller. **Fertiliser:** Delivered into seed pipe.								
Cayena 6001	Trailed	6m	36 x 166mm	Three separate rows	3,600 litres	Seed	5,579kg	£103,649
Cayena 6001-C	Trailed	6m	36 x 166mm	Three separate rows	4,000 litres	Seed and fertiliser	5,679kg	£111,683
Condor Format: Coulter frame on rear of seed cart. **Pre-coulter tools:** None. **Seed coulters:** ConTeC pro heavy-duty tine coulters with tungsten carbide/cobalt alloy tip mounted on arm with frame-clamp rubber inserts for deflection; 120kg maximum pressure. **Distribution system:** Individual row shut-off available on Condor 02 series. **Depth control:** Coulter arm mounted air- or foam-filled or Otico flexi-press wheel. **After coulters:** See depth control. **Fertiliser:** Metered into seed pipe.								
Condor 8002-2C	Trailed	8m	40 x 200mm	Three separate rows	4,100 litres	Seed and fertiliser	7,300kg	na
Condor 8002-2C	Trailed	8m	32 x 250mm	Three separate rows	4,100 litres	Seed and fertiliser	7,300kg	na
Condor 9002-2C	Trailed	9m	45 x 200mm	Three separate rows	4,100 litres	Seed and fertiliser	7,600kg	£140,378
Condor 9002-2C	Trailed	9m	36 x 250mm	Three separate rows	4,100 litres	Seed and fertiliser	7,600kg	na

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Model	Mounted or trailed	Width	Seed rows/spacing	Coulter rows	Hopper capacity	Seed/fertiliser	Weight	Price
Condor 12001	Trailed	12m	48 x 250mm	Three separate rows	8,000 litres	Seed and fertiliser	12,867kg	£177,618
Condor 15001	Trailed	15m	60 x 250mm	Three separate rows	8,000 litres	Seed and fertiliser	12,245kg	£184,798
Primera DMC Format: Hopper on frame. **Pre-coulter tools:** None. **Seed coulters:** Chisel tine on rigid leg mounted on parallel linkage incorporating torsion spring lower links and auto-reset spring-loaded upper link allowing horizontal and vertical break-away. **Depth control:** Integral twin steel hoop ring rollers behind tine. **After coulters:** Slot-closing rollers – see depth control – then Exact covering harrow and optional row-aligned packer roller. **Fertiliser:** Metered into seed tube. Optional GreenDrill seeder box distributing to coulters or separate delivery plates. **Distribution system:** Individual row shut-off optional on Primera 02 series.								
Primera 3000	Trailed	3m	16 x 187mm	Four banks of four	4,200, 5,000 or 5,800 litres	Seed and fertiliser	4,887kg	£90,178
Primera 6000-2	Trailed	6m	32 x 187mm	Eight banks of four	4,200, 5,000 or 5,800 litres	Seed and fertiliser	6,487kg	£133,048
Primera 6002-2	Trailed	6m	33 x 187mm	Eight banks of four	5,000 litres	Seed and fertiliser	9,350kg	£142,233

BEDNAR

Girona GN Format: Rear-mounted coulter frame combined with tractor front-mounted pressurised Seed-Box SB single-hopper or Ferti-Box single or double hopper (with optional front weights and/or Frontpack system); can also be rear mounted on the Ferti-Cart FC, Combo-System CS and Matador MO strip-till drill. **Pre-coulter tools:** Levelling boards, tyre packer, Profi or Turbo disc coulters. **Seed coulters:** Rigid tines with 20x200mm wear resistant Long Life point mounted on a parallel linkage frame with optional half-side shut-off. **Depth control:** Mechanical or hydraulic with depth wheel behind each coulter tine. **After coulters:** Following harrow. **Fertiliser:** With the seed; when mounted on Matador MO there are multiple fertiliser placement options.

Girona GN 6000	Mounted	6m	36 x 167mm	Two separate rows	Mounted on coulter frame	Seed and fertiliser	tbc	£30,911
Girona GN 6000	Mounted	6m	24 x 250mm	Two separate rows	Mounted on coulter frame	Seed and fertiliser	tbc	£28,600

Note: *Other optional row spacings available, including strip-till options.*

BRAMLEYS *NEW MODELS

Zone Format: Rigid 3m (or 4m) and 6m centre-split folding frame with wing sections suspended from main frame on central mountings to follow contours; choice of on-board or tractor front-mounted hopper configurations. **Pre-coulter tools:** On two-row coulter versions, optional straight cutting discs with hydraulic lift-out. **Seed coulters:** Two or three rows of JJ Metcalfe 12mm chisel points or 100mm winged band-sowing points on rubber frame mounts. **Depth control:** Pin and hole adjusters on depth wheels or by individually-mounted trailing press wheels. **After coulters:** Single-row flexible tine covering harrow. **Fertiliser:** Optional delivery via seed coulter.

Zone 3m leading disc	Mounted	3m	12 rows x 250mm	Two separate rows	Toolbar only	Seed	850kg	£18,500
Zone 3m press wheel	Mounted	3m	12 rows x 250mm	Two separate rows	Toolbar only	Seed	850kg	£18,500
Zone 3m disc + press wheel	Mounted	3m	12 rows x 250mm	Two separate rows	Toolbar only	Seed	1,100kg	£22,500
Zone 3m leading disc	Mounted	3m	12 rows x 250mm	Two separate rows	1,000 litres	Seed	1,250kg	£29,000
Zone 3m press wheel	Mounted	3m	12 rows x 250mm	Two separate rows	1,000 litres	Seed	1,250kg	£29,000
Zone 3m disc + press wheel	Mounted	3m	12 rows x 250mm	Two separate rows	1,000 litres	Seed	1,500kg	£33,300
Zone 3m	Mounted	3m	12 rows x 250mm	Three separate rows	Toolbar only	Seed	600kg	£16,500
Zone 3m	Mounted	3m	12 rows x 250mm	Three separate rows	1,000 litres	Seed	1,000kg	£26,700
Zone 6m leading disc	Mounted	6m	24 rows x 250mm	Two separate rows	Toolbar only	Seed	2,250kg	£41,500
Zone 6m press wheel	Mounted	6m	24 rows x 250mm	Two separate rows	Toolbar only	Seed	2,250kg	£41,500
Zone 6m disc + press wheel	Mounted	6m	24 rows x 250mm	Two separate rows	Toolbar only	Seed	2,500kg	£47,700
Zone 6m leading disc	Mounted	6m	24 rows x 250mm	Two separate rows	2,000 litres	Seed	600kg/ 2,250kg	£59,800
Zone 6m press wheel	Mounted	6m	24 rows x 250mm	Two separate rows	2,000 litres	Seed	600kg/ 2,250kg	£59,800
Zone 6m disc + press wheel	Mounted	6m	24 rows x 250mm	Two separate rows	2,000 litres	Seed	600kg/ 2,500kg	£66,700
Zone 6m	Mounted	6m	24 rows x 250mm	Three separate rows	Toolbar only	Seed	1,500kg	£33,300
Zone 6m	Mounted	6m	24 rows x 250mm	Three separate rows	2,000 litres	Seed	600kg/ 1,500kg	£51,000
Zone 9m*	Mounted	9m	36 x 250mm	Two separate rows	2,000 litres	Seed	3,350kg	£87,500

Note: *Manufactured by Bramleys Seed Establishment.*

CLAYDON *UPDATED MODELS

Evolution Format: Three-point linkage mounted frame with tractor front-mounted or overhead hopper and air seeding system; T3 trailed version adds a drawbar and transport wheels. **Pre-coulter tools:** Optional front-mounted trash cutting discs followed by depth-adjustable soil-loosening tine with shear-bolt or hydraulic stone protection, or interchangeable single or twin discs with fluted options. **Seed coulters:** 'S' spring tine carriers with interchangeable points and boots for band-sowing or (for wet, sticky soils) single-line sowing. **Depth control:** Mid-frame support wheels with hydraulic adjustment. **After coulters:** Choice of covering/consolidating tools – paddle tines and levelling harrow, and two-row levelling harrow. **Fertiliser:** Placed by soil loosening tine or seed coulter boot; microgranule hopper option for venturi, toolbar or inter-row placement.

Evolution M3	Mounted	3m	9 x 333mm	Two separate rows	1,910 litres	Seed	2,065kg	£51,288
Evolution M3 Fert	Mounted	3m	9 x 333mm	Two separate rows	2,500 litres (50:50)	Seed and fertiliser	2,260kg	£65,993
Evolution M3 Toolbar Single Hopper*	Mounted	3m	9 x 333mm	Two separate rows	2,000 litres	Seed or fertiliser	1,705kg + 745kg	£56,713
Evolution M3 Toolbar Fert Double Hopper	Mounted	3m	9 x 333mm	Two separate rows	2,750 litres (55:45)	Seed and fertiliser	1,705kg + 750kg	£61,862
Evolution T3	Trailed	3m	9 x 333mm	Two separate rows	1,910 litres	Seed	3,200kg	£58,592
Evolution T3 Fert	Trailed	3m	9 x 333mm	Two separate rows	2,500 litres (50:50)	Seed and fertiliser	3,500kg	£73,297
Evolution M4R Rigid Chassis	Mounted	4m	13 x 308mm	Two separate rows	1,910 litres	Seed	2,300kg	£56,665
Evolution M4RF Rigid Chassis Fert	Mounted	4m	13 x 308mm	Two separate rows	2,500 litres (50:50)	Seed and fertiliser	2,400kg	£70,982
Evolution M4R Toolbar Single Hopper*	Mounted	4m	13 x 308mm	Two separate rows	2,000 litres	Seed or fertiliser	1,950kg + 745kg	£61,010
Evolution M4R Toolbar Fert Double Hopper	Mounted	4m	13 x 308mm	Two separate rows	2,750 litres (50:50)	Seed and fertiliser	1,940kg + 750kg	£63,422
Evolution M4	Mounted	4m	13 x 308mm	Two separate rows	1,910 litres	Seed	2,830kg	£66,771
Evolution M4 Toolbar Single Hopper*	Mounted	4m	13 x 308mm	Two separate rows	2,000 litres	Seed or fertiliser	2,470kg + 745kg	£70,213
Evolution M4 Toolbar Fert Double Hopper	Mounted	4m	13 x 308mm	Two separate rows	2,750 litres (55:45)	Seed and fertiliser	2,470kg + 750kg	£75,544
Evolution M4.5	Mounted	4.5m	13 x 346mm	Two separate rows	1,910 litres	Seed	2,930kg	£68,227
Evolution M4.5 Toolbar Single Hopper*	Mounted	4.5m	13 x 346mm	Two separate rows	2,000 litres	Seed or fertiliser	2,570kg + 745kg	£72,019
Evolution M4.5 Toolbar Fert Double Hopper	Mounted	4.5m	13 x 346mm	Two separate rows	2,750 litres (55:45)	Seed and fertiliser	2,570kg + 750kg	£77,350
Evolution M4.8	Mounted	4.8m	15 x 320mm	Two separate rows	1,910 litres	Seed	2,980kg	£71,003

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Model	Mounted or trailed	Width	Seed rows/spacing	Coulter rows	Hopper capacity	Seed/fertiliser	Weight	Price
Evolution M4.8 Toolbar Single Hopper*	Mounted	4.8m	15 x 320mm	Two separate rows	2,000 litres	Seed or fertiliser	2,620kg + 745kg	£75,325
Evolution M4.8 Toolbar Fert Double Hopper	Mounted	4.8m	15 x 320mm	Two separate rows	2,750 litres (55:45)	Seed and fertiliser	2,620kg + 750kg	£80,726
Evolution M5	Mounted	5m	15 x 333mm	Two separate rows	1,910 litres	Seed	3,020kg	£72,124
Evolution M5 Toolbar Fert Single Hopper*	Mounted	5m	15 x 333mm	Two separate rows	2,000 litres	Seed or fertiliser	2,660kg + 745kg	£76,586
Evolution M4.8 Toolbar Fert Double Hopper	Mounted	5m	15 x 333mm	Two separate rows	2,750 litres (55:45)	Seed and fertiliser	2,660kg + 750kg	£81,987
Evolution M6	Mounted	6m	19 x 316mm	Two separate rows	1,910 litres	Seed	3,355kg	£80,688
Evolution M6 Toolbar Fert Single Hopper*	Mounted	6m	19 x 316mm	Two separate rows	2,000 litres	Seed or fertiliser	2,995kg + 745kg	£86,363
Evolution M6 Toolbar Fert Double Hopper	Mounted	6m	19 x 316mm	Two separate rows	2,750 litres (55:45)	Seed and fertiliser	2,995kg + 750kg	£92,168

Note: *Prices include base chassis, standard front and seeding tines with shear-bolt protection, front cutting disc kit, 180mm 'A' share seed coulter and 'splitter' boot, and metal levelling board plus covering harrow on rear toolbar. Prices for Toolbar Fertiliser drills include Evolution Single and Double Twin front hopper and are based on rear tine fertiliser placement with standard seeding tine.*

Hybrid Format: Trailed 'floating' seeding chassis separated from weight influence of longitudinal hopper mounted overhead. **Pre-coulter tools:** Optional front-mounted trash cutting discs or rubber press wheels, followed by depth-adjustable soil-loosening tine with shear-bolt or hydraulic stone protection or interchangeable single or twin discs with fluted options. **Seed coulters:** 'S' spring tine carriers with interchangeable points and boots for band-sowing or (for wet, sticky soils) single-line sowing. **Depth control:** Mid-frame support wheels with hydraulic adjustment. **After coulters:** Choice of covering/consolidating tools – paddle tines and levelling harrow, and two-row levelling harrow. **Fertiliser:** Placed by soil loosening tine or seed coulter boot; microgranule hopper option for venturi, toolbar or inter-row placement.

Hybrid T4	Trailed	4m	13 x 308mm	Two separate rows	3,500 litres	Seed	6,000kg	£116,028
Hybrid T4 Fert	Trailed	4m	13 x 308mm	Two separate rows	3,500 litres (60:40)	Seed and fertiliser	6,000kg	£126,856
Hybrid T4.8	Trailed	4.8m	15 x 320mm	Two separate rows	3,500 litres	Seed	6,200kg	£121,128
Hybrid T4.8 Fert	Trailed	4.8m	15 x 320mm	Two separate rows	3,500 litres (60:40)	Seed and fertiliser	6,200kg	£131,968
Hybrid T6c	Trailed	6m	19 x 316mm	Two separate rows	3,500 litres	Seed	7,900kg	£127,140
Hybrid T6c Fert	Trailed	6m	19 x 316mm	Two separate rows	3,500 litres (60:40)	Seed and fertiliser	7,900kg	£138,145
Hybrid T6	Trailed	6m	19 x 316mm	Two separate rows	5,500 litres	Seed	9,200kg	£144,587
Hybrid T6 Fert	Trailed	6m	19 x 316mm	Two separate rows	5,500 litres (60:40)	Seed and fertiliser	9,200kg	£155,592
Hybrid T8	Trailed	8m	25 x 320mm	Two separate rows	5,500 litres	Seed	11,200kg	£157,916
Hybrid T8 Fert	Trailed	8m	25 x 320mm	Two separate rows	5,500 litres (60:40)	Seed and fertiliser	11,200kg	£162,130

Note: *Prices include base chassis and standard drawbar, T4 front cutting discs, standard front and seeding tines with shear-bolt protection, 180mm 'A' share seed coulter and 'splitter' boot, and metal levelling board plus covering harrow on rear toolbar, and road lights. Fertiliser model prices based on front tine fertiliser placement and standard seeding tine.*

DALE

MTD Format: Three-point linkage mounted with hopper and Accord metering system on coulter frame (front-mounted hopper and separate toolbar also available); MTD+ version has extended chassis for 50% increased trash and residue clearance. Depth setting wheels positioned in front of coulters. **Pre-coulter tools:** Low disturbance track eradicators. **Seed coulters:** 12mm wide tungsten-tipped points mounted to semi-flexible brake tine. **Depth control:** Hydraulic adjustment of four wheels allows wings to contour independently of central section. **After coulters:** Single row of adjustable following harrow tines (or optional double row). **Fertiliser:** Divided hopper, separate metering unit and air distribution to a twin pipe seed boot for placement beneath seed.

MTD 3	Mounted	3m	24 x 125mm or 18 x 166mm	Four separate rows	1,600 litres	Seed	1,600kg	£37,500
MTD 3 F	Mounted	3m	24 x 125mm or 18 x 166mm	Four separate rows	1,600 litres	Seed and fertiliser	1,600kg	£44,000
MTD+ 3	Mounted	3m	24 x 125mm or 18 x 166mm	Four rows / 600mm centres	1,350 litres	Seed	1,800kg	£42,950
MTD 4	Mounted	4m	32 x 125mm or 24 x 166mm	Four separate rows	1,600 litres	Seed	2,000kg	£42,900
MTD 4 F	Mounted	4m	32 x 125mm or 24 x 166mm	Four separate rows	1,600 litres	Seed and fertiliser	2,000kg	£49,300
MTD+ 4	Mounted	4m	32 x 125mm or 24 x 166mm	Four rows / 600mm centres	1,350 litres	Seed	2,200kg	£48,250
MTD 4.8	Mounted	4.8m	38 x 125mm or 29 x 166mm	Four separate rows	1,600 litres	Seed	2,150kg	£49,000
MTD 4.8 F	Mounted	4.8m	38 x 125mm or 29 x 166mm	Four separate rows	1,600 litres	Seed and fertiliser	2,150kg	£55,500
MTD+ 4.8	Mounted	4.8m	38 x 125mm or 29 x 166mm	Four rows / 600mm centres	1,350 litres	Seed	2,350kg	£54,400
MTD 6	Mounted	6m	48 x 125mm or 36 x 166mm	Four separate rows	1,600 litres	Seed	2,300kg	£51,400
MTD 6 F	Mounted	6m	48 x 125mm or 36 x 166mm	Four separate rows	1,600 litres	Seed and fertiliser	2,300kg	£57,800
MTD+ 6	Mounted	6m	48 x 125mm or 36 x 166mm	Four rows / 600mm centres	1,350 litres	Seed	2,350kg	£56,800
MTD 8	Mounted	8m	64 x 125mm or 48 x 166mm	Four separate rows	1,600 litres	Seed	2,600kg	£57,900
MTD 8 F	Mounted	8m	64 x 125mm or 48 x 166mm	Four separate rows	1,600 litres	Seed and fertiliser	2,600kg	£64,300
MTD+ 8	Mounted	8m	64 x 125mm or 48 x 166mm	Four rows / 600mm centres	1,350 litres	Seed	2,800kg	£63,250
MTD 10 Toolbar/Front Tank	Mounted	10m	80 x 125mm or 60 x 166mm	Four separate rows	2,000 litres	Seed	2,800kg	£77,400

Eco-Drill Format: 'S' models – three-point linkage mounted with hopper on chassis or tractor front-mounted; 'M' models – trailed, hopper mounted above mid-chassis wheels; 'L' models – trailed, hopper on frame above rear-chassis wheels; 'XL' models – trailed, hopper on chassis ahead of large transport wheels mounted within the coulter frame. **Pre-coulter tools:** None. **Seed coulters:** 12mm wide tungsten-tipped tine coulters with adjustable row spacing mounted in staggered pairs on parallel linkage with hydraulic down-pressure, stone release cylinder. **Depth control:** Integral serrated press wheel shaped for seed row consolidation. **After coulters:** Optional following harrow. **Fertiliser:** 250mm row spacing – applied via front coulter, 125mm row spacing – applied from the back of each tine. New Scorpion drilling assembly available on all Eco Models – 250mm row spacing with double coulter boot for two product application. 12mm tine followed by two Guttler rings mounted to a tandem axle, toe out with negative camber to draw soil over seed and 'pinch' seeding zone closed.

Eco-Drill S 3	Mounted	3m	24 x 125mm and 12 x 250mm	Three separate rows	2,000 litres	Seed and fertiliser	2,750kg	£54,800
Eco-Drill S 4	Mounted	4m	32 x 125mm and 16 x 250mm	Three separate rows	2,000 litres	Seed and fertiliser	3,250kg	£64,700
Eco-Drill S 5	Mounted	5m	40 x 125mm and 20 x 250mm	Three separate rows	2,000 litres	Seed and fertiliser	3,750kg	£73,800
Eco-Drill M 3	Trailed	3m	24 x 125mm and 12 x 250mm	Three separate rows	3,000 litres	Seed and fertiliser	4,330kg	£60,100
Eco-Drill M 4	Trailed	4m	32 x 125mm and 16 x 250mm	Three separate rows	3,000 litres	Seed and fertiliser	4,850kg	£71,000
Eco-Drill M 5	Trailed	5m	40 x 125mm and 20 x 250mm	Three separate rows	3,000 litres	Seed and fertiliser	5,100kg	£78,500
Eco-Drill M 6	Trailed	6m	48 x 125mm and 24 x 250mm	Three separate rows	3,000 litres	Seed and fertiliser	5,900kg	£88,000
Eco-Drill M 8	Trailed	8m	64 x 125mm and 32 x 250mm	Three separate rows	3,000 litres	Seed and fertiliser	7,200kg	£105,500
Eco-Drill L 6	Trailed	6m	48 x 125mm and 24 x 250mm	Three separate rows	4,000-5,350 litres	Seed and fertiliser	6,200kg	£88,000
Eco-Drill L 8	Trailed	8m	64 x 125mm and 32 x 250mm	Three separate rows	4,000-5,350 litres	Seed and fertiliser	7,500kg	£105,500
Eco-Drill XL 9	Trailed	9m	72 x 125mm and 36 x 250mm	Three separate rows	6,000-8,000 litres	Seed and fertiliser	9,150kg	£126,000
Eco-Drill XL 10	Trailed	10m	80 x 125mm and 40 x 250mm	Three separate rows	6,000-8,000 litres	Seed and fertiliser	10,000kg	£135,000
Eco-Drill XL 12	Trailed	12m	96 x 125mm and 48 x 250mm	Three separate rows	6,000-8,000 litres	Seed and fertiliser	11,500kg	£157,500
Eco-Drill XL 13.5	Trailed	13.5m	108 x 125mm and 54 x 250mm	Three separate rows	6,000-8,000 litres	Seed and fertiliser	12,500kg	£178,500

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Model	Mounted or trailed	Width	Seed rows/spacing	Coulter rows	Hopper capacity	Seed/fertiliser	Weight	Price
DUNCAN								
Renovator MK4 Format: Full-width box hopper incorporating metering units with gravity distribution to coulters below; land wheel or electric motor drive. **Pre-coulter tools:** Fluted trash-cutting and slot-forming discs with coil spring downforce. **Seed coulters:** Flexible 25mm spring steel coil tine with replaceable Baker 'T' boot featuring tungsten carbide leading edge, cavity-opening wings and heel, and seed and fertiliser outlets at different depths; tines arranged in four-row staggered formation. **Depth control:** Drawbar and land wheels either end of frame. **After coulters:** Covering harrow. **Fertiliser:** Divided hopper and separate metering and air distribution to coulter outlets.								
Renovator MK4 21 3m	Trailed	3.1m	21 x 147.5mm	Four staggered rows	2 x 550 litres	Seed and fertiliser	2,030kg	£31,000
Renovator MK4 24 3m	Trailed	3m	24 x 125mm	Four staggered rows	2 x 550 litres	Seed and fertiliser	2,130kg	£32,600
Renovator AS Format: Trailed frame with overhead hopper and hydraulic fan with heat exchanger; Accord metering system drive by jockey wheel or electric motor. **Pre-coulter tools**: Fluted trash cutting and slot-forming discs with coil spring downforce. **Seed coulters:** Flexible 25mm spring steel coil tine with replaceable Baker 'T' boot featuring tungsten carbide leading edge, cavity-opening wings and heel, and seed and fertiliser outlets at different depths; tines arranged in four-row staggered formation. **Depth control:** Drawbar and land wheels either end of frame. **After coulters:** Covering harrow. **Fertiliser:** Divided hopper and separate metering and air distribution to coulter outlets.								
Renovator AS3000 21	Trailed	3m	21 x 147mm	Four staggered rows	2 x 700 litres	Seed and fertiliser	2,060kg	£36,000
Renovator AS3000 24	Trailed	3m	24 x 125mm	Four staggered rows	2 x 700 litres	Seed and fertiliser	2,190kg	£36,600
Renovator AS3500 24	Trailed	3.5m	24 x 157mm	Four staggered rows	2 x 700 litres	Seed and fertiliser	2,390kg	£37,250
Renovator AS3500 28	Trailed	3.5m	28 x 125mm	Four staggered rows	2 x 700 litres	Seed and fertiliser	2,520kg	£37,430
Renovator AS5300 42	Trailed	5.3m	42 x 125mm	Four staggered rows	2 x 1,000 litres	Seed and fertiliser	5,300kg	£97,400
Renovator AS5300 36	Trailed	5.3m	36 x 147mm	Four staggered rows	2 x 1,000 litres	Seed and fertiliser	5,100kg	£103,600
Renovator AS5300 30	Trailed	5.3m	30 x 175mm	Four staggered rows	2 x 1,000 litres	Seed and fertiliser	4,900kg	£101,520
Renovator AS6100 48	Trailed	6.1m	48 x 125mm	Four staggered rows	2 x 1,000 litres	Seed and fertiliser	5,600kg	£114,550
Renovator AS6100 42	Trailed	6.1m	42 x 147mm	Four staggered rows	2 x 1,000 litres	Seed and fertiliser	5,400kg	£111,600
Renovator AS6100 36	Trailed	6.1m	36 x 175mm	Four staggered rows	2 x 1,000 litres	Seed and fertiliser	5,200kg	£108,650
Note: *Duncan Eco Seeder from £22,640, Renovator Classic from £24,400 – both trailed with removable drawbar for tractor-mounted operation. Distributed by Duncan Ag UK & Ireland.*								
GRANGE								
Tine Drill Toolbar Format: Rear-mounted frame in combination with tractor front-mounted hopper; wings suspended from main frame on central mountings allowing +/-5deg pitch to accommodate surface contours. **Pre-coulter tools:** Wheel eradicator spring tines. **Seed coulters:** Bourgault tungsten carbide tile-protected tip on Grange rigid legs with shear-bolt protection arranged in four rows. **Depth control:** Land wheels with hydraulic on-the-go adjustment, each positioned ahead of two coulters. **After coulters:** Hydraulic levelling paddles and rear 'z' tine covering harrow on a parallel linkage. **Fertiliser:** Optional second distribution head, pipework and coulter tine-mounted outlet placing below seed depth; optional microgranule or slug pellet broadcasting kit.								
TDT 3	Mounted	3m	12 x 250mm	Four separate rows	2,200kg	Seed	na	£33,725
TDT 3	Mounted	3m	12 x 250mm	Four separate rows	2,400kg	Seed and fertiliser	na	£34,995
TDT 4	Mounted	4m	16 x 250mm	Four separate rows	2,200kg	Seed	na	£46,845
TDT 4	Mounted	4m	16 x 250mm	Four separate rows	2,400kg	Seed and fertiliser	na	£48,295
TDT 6	Mounted	6m	24 x 250mm	Four separate rows	2,200kg	Seed	na	£52,520
TDT 6	Mounted	6m	24 x 250mm	Four separate rows	2,400kg	Seed and fertiliser	na	£54,270
Note: *Prices and weights are for coulter frame only.*								
HORSCH								
Sprinter SL Format: Rear-mounted coulter frame working in combination with tractor front-mounted pressurised Partner 1600 FT single-hopper or 2000 FT double-hopper with optional front weights, steel ring packer or press wheels. **Pre-coulter tools:** None. **Seed coulters:** Rigid tines with 180kg hydraulic resistance (also used to retract tines for transport) and choice of three-point widths for single line to band sowing. **Depth control:** Integral chamfered depth wheel behind each coulter tine. **After coulters:** None. **Fertiliser:** Additional outlet on coulter tines.								
Sprinter 6.25 SL	Mounted	6m	24 x 250mm	Three separate rows	1,600 litres	Seed	2,500kg	£35,650
Sprinter 6.25 SL	Mounted	6m	24 x 250mm	Three separate rows	2,220 litres	Seed and fertiliser	2,500kg	£35,650
Sprinter SC Format: Trailed hopper with mounted coulter frame. **Pre-coulter tools:** None. **Seed coulters:** Rigid tines with 180kg hydraulic resistance (also used to retract tines for transport) and choice of three-point widths for single line to band sowing. **Depth control:** Integral chamfered depth wheel behind each coulter tine. **After coulters:** None. **Fertiliser:** Additional outlet on coulter tines.								
Sprinter 12.25 SC Double	Trailed	12m	48 x 250mm	Three separate rows	6,300 litres	Seed and fertiliser	7,700-8,500kg	£153,400
Sprinter 12.25 SC Triple	Trailed	12m	48 x 250mm	Three separate rows	6,400 litres	Seed and fertiliser	7,700-8,500kg	£158,700
Sprinter ST + SW Format: 'ST' models – hopper on frame, rear press wheels; 'SW' models – hopper on seed cart, coulter frame behind. **Pre-coulter tools:** Optional front-mounted tyre packer. **Seed coulters:** Duett double seed row wing tine points on parallel linkage assembly with coil spring pressure up to 285kg. **Depth control:** Rear tyre packer and front support wheels or optional tyre packer. **After coulters:** Two rows of flexible tines and 650mm to 780mm diameter in-line or staggered-row tyre packer. **Fertiliser:** Horsch PPF system places fertiliser below seed depth; Sprinter ST – dry fertiliser only, Sprinter SW – dry or liquid fertiliser.								
Sprinter 4 ST	Trailed	4m	14 x 286mm	Three separate rows	2,800 litres	Seed	4,000kg	£65,600
Sprinter 4 ST	Trailed	4m	14 x 286mm	Three separate rows	5,000 litres	Seed and fertiliser	4,550kg	£75,250
Sprinter 6 ST	Trailed	6m	22 x 273mm	Three separate rows	3,500 litres	Seed	5,400kg	£89,300
Sprinter 6 ST	Trailed	6m	22 x 273mm	Three separate rows	5,000 litres	Seed and fertiliser	6,020kg	£99,100
Sprinter 8 SW	Trailed	8m	28 x 285mm	Three separate rows	8,000 litres	Seed and fertiliser	10,750kg	£173,310
Sprinter 9 SW	Trailed	9m	30 x 300mm	Three separate rows	8,000 litres	Seed and fertiliser	11,500kg	£187,340
Sprinter 10 SW	Trailed	10m	34 x 300mm	Three separate rows	8,000 litres	Seed and fertiliser	12,200kg	£202,860
Sprinter 12 SW	Trailed	12m	40 x 300mm	Two separate rows	8,000 litres	Seed and fertiliser	14,200kg	poa
KOCKERLING								
Ultima Format: CS 300 and CS 400 – hopper on frame; CS 600 – hopper on drawbar and frame, rear wheels ahead of finishing tools; 800 and 900 models – hopper on seed caddy with rear-mounted seeding frame. **Pre-coulter tools:** Optional leading paddle tines. Individual press wheels carrying 70% of drill weight. **Seed coulters:** Integrated with press wheels – 60mm wide coulter boot. **Depth control:** Leading press wheel, central hydraulic adjustment. **After coulters:** Seed covering and levelling sweeper tines, steel 'u' profile consolidating roller and flexible harrow tines. **Fertiliser:** Applied via disc coulters placing fertiliser between seed rows.								
CS 300	Trailed	3m	16 x 185mm	Five staggered rows	2,800 litres	Seed	4,570kg	£70,200
CS 400	Trailed	4m	22 x 185mm	Five staggered rows	2,800 litres	Seed	5,720kg	£86,300
CS 600	Trailed	6m	32 x 185mm	Five staggered rows	3,300 litres	Seed	9,000kg	£125,300
CS 600 Combi	Trailed	6m	32 x 185mm	Five staggered rows	3,300 litres	Seed and fertiliser	9,000kg	£139,500
CS 720	Trailed	7.2m	38 x 187mm	Five staggered rows	3,300 litres	Seed	10,800kg	£135,800
CS 720 Combi	Trailed	7.2m	38 x 187mm	Five staggered rows	3,300 litres	Seed and fertiliser	10,800kg	£149,450
CS 750	Trailed	7.5m	40 x 187mm	Five staggered rows	3,300 litres	Seed	11,000kg	£138,970
CS 750 Combi	Trailed	7.5m	40 x 187mm	Five staggered rows	3,300 litres	Seed and fertiliser	11,000kg	£152,420
800	Trailed	8m	44 x 185mm	Five staggered rows	4,000 litres	Seed	11,000kg	£174,800

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Model	Mounted or trailed	Width	Seed rows/spacing	Coulter rows	Hopper capacity	Seed/fertiliser	Weight	Price
KRM SOLA								
SD-3115 SM Format: Mechanical box drill. **Pre-coulter tools:** None. **Seed coulters:** Rigid tine with auto reset spring protection and tungsten carbide tip. **Depth control:** End wheels. **After coulters:** Single row flexible tine covering harrow. **Fertiliser:** Second outlet on coulter tine feeding below seed depth.								
SD-3115	Mounted	3m	16 x 188mm	Three separate rows	665 or 866 litres	Seed	890-960kg	£21,420
SD-3115	Mounted	3m	21 x 143mm	Three separate rows	866 or 1,000 litres	Seed	960kg	£22,780
SD-3115 Twin Hopper	Mounted	3m	16 x 188mm	Three separate rows	866 or 1,000 litres	Seed and fertiliser	866kg	£24,250
Soladrill 1909 SM Format: Hopper on coulter frame. **Pre-coulter tools**: None. **Seed coulters:** Narrow tungsten carbide points carried on rigid, coil-spring tensioned tines in four rows. **Depth control:** Ratchet-adjusted land wheels (hydraulic option available). **After coulters:** Two-row flexible tine covering harrow. **Fertiliser:** Optional small hopper for applying microgranular fertilisers or small seeds.								
1909 SM 4.0	Mounted	4m	25 x 160mm	Four separate rows	2,000 litres	Seed	2,100kg	£49,480
1909 SM 4.8	Mounted	4.8m	29 x 160mm	Four separate rows	2,000 litres	Seed	2,200kg	£51,360
1909 SM 5.0	Mounted	5m	31 x 160mm	Four separate rows	2,000 litres	Seed	2,260kg	£51,560
1909 SM 6.0	Mounted	6m	37 x 160mm	Four separate rows	2,000 litres	Seed	2,350kg	£54,130
1909 SM 7.0	Mounted	7m	43 x 160mm	Four separate rows	5,500 litres	Seed	3,700kg	£57,820
Soladrill SM-P Elektra As SM but with isobus-controlled metering and a pressurised hopper with external seed distribution heads; Aura models have a tractor front-mounted hopper with one or two metering units for seed-only or seed and fertiliser operation.								
SM-P 4.0	Mounted	4m	25 x 160mm	Four separate rows	2,000 litres	Seed	2,200kg	£56,870
SM-P 4.8	Mounted	4.8m	29 x 160mm	Four separate rows	2,000 litres	Seed	2,300kg	£58,770
SM-P 5.0	Mounted	5m	31 x 160mm	Four separate rows	2,000 litres	Seed	2,360kg	£58,970
SM-P 6.0	Mounted	6m	37 x 160mm	Four separate rows	2,000 litres	Seed	2,450kg	£61,550
SM-P 6.0 Aura	Mounted	6m	37 x 160mm	Four separate rows	2,000 litres	Seed	2,200kg	£71,090
SM-P 6.0 Aura	Mounted	6m	37 x 160mm	Four separate rows	2,000 litres	Seed and fertiliser	2,350kg	£79,100
SM-P 6.0	Mounted	6m	24 x 250mm	Four separate rows	2,000 litres	Seed	2,320kg	£59,420
SM-P 6.0 Aura	Mounted	6m	24 x 250mm	Four separate rows	2,000 litres	Seed	2,070kg	£69,790
SM-P 6.0 Aura	Mounted	6m	24 x 250mm	Four separate rows	2,000 litres	Seed and fertiliser	2,220kg	£77,800
SM-P 7.0	Mounted	7m	43 x 160mm	Four separate rows	2,000 litres	Seed	2,600kg	£67,420
SM-P 7.0 Aura	Mounted	7m	24 x 250mm	Four separate rows	2,000 litres	Seed	2,350kg	£71,290
SM-P 7.0 Aura	Mounted	7m	24 x 250mm	Four separate rows	2,000 litres	Seed and fertiliser	2,500kg	£79,300
SM-P 8.0	Mounted	8m	32 x 250mm	Four separate rows	2,000 litres	Seed	2,550kg	£66,470
KVERNELAND								
ts-drill Format: Hopper on coulter frame. **Pre-coulter tools:** None. **Seed coulters:** Low-disturbance narrow rigid tine option with 15mm points and coil spring tension giving obstruction deflection and up to 50kg pressure. **Depth control:** Spacer-adjusted central and screw jack adjusted wing-mounted land wheels. **After coulters:** Two-row flexible tine covering harrows or individual rubber press wheels. **Fertiliser:** None.								
4800	Mounted	4.8m	38 x 125mm	Five separate rows	1,750 litres	Seed	1,900kg	£52,045
4800	Mounted	4.8m	32 x 150mm	Five separate rows	1,750 litres	Seed	1,800kg	£50,051
5000	Mounted	5m	40 x 125mm	Five separate rows	1,750 litres	Seed	1,950kg	£52,267
5600	Mounted	5.6m	40 x 150mm	Five separate rows	1,750 litres	Seed	2,050kg	£53,382
6000	Mounted	6m	48 x 125mm	Five separate rows	1,750 litres	Seed	2,180kg	£57,012
6000	Mounted	6m	40 x 150mm	Five separate rows	1,750 litres	Seed	1,980kg	£54,527
Note: *Isobus control optional.*								
MZURI WORLD								
Pro-Til Format: Hopper on frame, mid-mounted press wheels. **Pre-coulter tools:** Optional trash-cutting discs, soil loosening/fertiliser placement tines with hydraulic auto reset protection and staggered row of press wheels. **Seed coulters:** Pivoting coulter tines with individual hydraulic pressure downforce. **Depth control:** Semi-pneumatic press wheels on coulter arms. **After coulters:** Optional covering harrow with hydraulic pressure adjustment. **Fertiliser:** Delivered via front tines.								
Pro-Til 3.33	Trailed	3m	9 x 333mm or 5 x 666mm	Two staggered rows	3,600/5,400/5,600 litres	Two, three or four products	4,700kg	£95,405
Pro-Til 3.33 Xzact	Trailed	3m	9 x 333mm or 5 x 666mm	Two staggered rows	3,600/5,400/5,600 litres	Two, three or four products	5,700kg	£150,000
Pro-Til 3.35	Trailed	3.15m	9 x 350mm or 5 x 700mm	Two staggered rows	3,600/5,400/5,600 litres	Two, three or four products	4,700kg	£106,411
Pro-Til 3.35 Xzact	Trailed	3.15m	9 x 350mm or 5 x 700mm	Two staggered rows	3,600/5,400/5,600 litres	Two, three or four products	5,700kg	£166,000
Pro-Til 3.45	Trailed	3m	7 x 450mm or 4 x 900mm	Two staggered rows	3,600/5,400/5,600 litres	Two, three or four products	4,700kg	£100,000
Pro-Til 3.45 Xzact	Trailed	3m	7 x 450mm or 4 x 900mm	Two staggered rows	3,600/5,400/5,600 litres	Two, three or four products	5,700kg	£160,000
Pro-Til 4.35	Trailed	4m	11 x 350mm or 6 x 700mm	Two staggered rows	3,600/5,400/5,600 litres	Two, three or four products	5,200kg	£131,675
Pro-Til 4.35 Xzact	Trailed	4m	11 x 350mm or 6 x 700mm	Two staggered rows	3,600/5,400/5,600 litres	Two, three or four products	6,200kg	£180,000
Pro-Til 4.36	Trailed	4m	11 x 363mm or 6 x 726mm	Two staggered rows	3,600/5,400/5,600 litres	Two, three or four products	5,200kg	£130,000
Pro-Til 4.36 Xzact	Trailed	4m	11 x 363mm or 6 x 726mm	Two staggered rows	3,600/5,400/5,600 litres	Two, three or four products	6,200kg	£180,000
Pro-Til 4.50	Trailed	4m	8 x 500mm	Two staggered rows	3,600/5,400/5,600 litres	Two, three or four products	5,200kg	£130,000
Pro-Til 4.50 Xzact	Trailed	4m	8 x 500mm	Two staggered rows	3,600/5,400/5,600 litres	Two, three or four products	6,200kg	£180,000
Pro-Til 6.35	Trailed	6m	17 x 350mm	Two staggered rows	4,500/6,500 litres	Seed and fertiliser	11,000kg	£190,000
Pro-Til 6.35 Xzact	Trailed	6m	17 x 350mm or 9 x 700mm	Two staggered rows	4,500/6,500 litres	Seed and fertiliser	12,000kg	£240,000
Pro-Til 6.45	Trailed	5.4m	12 x 450mm	Two staggered rows	4,500/6,500 litres	Seed and fertiliser	11,000kg	£190,000
Pro-Til 6.45 Xzact	Trailed	5.4m	12 x 450mm	Two staggered rows	4,500/6,500 litres	Seed and fertiliser	12,000kg	£240,000
Pro-Til 6.50	Trailed	6m	12 x 500mm	Two staggered rows	4,500/6,500 litres	Seed and fertiliser	11,000kg	£190,000
Pro-Til 6.50 Xzact	Trailed	6m	12 x 500mm	Two staggered rows	4,500/6,500 litres	Seed and fertiliser	12,000kg	£240,000

Note: *'Select' models have retractable alternate tine coulters for choice of row spacing. Xzact models have precision seeding module with individual seeding units.* ***Seed delivery:*** *Electronically controlled vacuum or pressure metering system for single seed dosing.* ***Seed coulters:*** *Hydraulic downforce and dual-plane movement.* ***Depth control:*** *Press wheels.* ***After coulters:*** *Consolidating wheels.* ***Fertiliser:*** *Hoppers of 3,600-litre or more are split 60:40 with individual metering giving option to supply seed to row unit hoppers from main tank, and simultaneously apply one fertiliser type, or fill main tank with two types of fertiliser for combined applications and use only the 50-litre row unit hoppers for seed. Multiple fertiliser placement and distribution options available.*

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Model	Mounted or trailed	Width	Seed rows/spacing	Coulter rows	Hopper capacity	Seed/fertiliser	Weight	Price
SIMTECH								**RE-BRANDED LISTING**
TSG-300SP, TS-300P, TS-350AP, TS-450WP, TS-480LP, TS-480 4A Toolbar, TS-600 4A Toolbar, TS-480 APL Toolbar								**CONSOLIDATED**
Gravity Range Format: Gravity fed with a full width box hopper, grass or arable tine options. **Pre-coulter tools:** 380mm boron steel opening discs mounted in pairs on a sprung axle for stone protection. The disc bar has a central adjuster to allow the disc depth to be adjusted according to conditions. **Seed coulters:** Double or Triple coiled 'S' tines with tungsten tiled Z-tip points. **Depth control:** Simple depth wheels with an adjuster handle, optional spring flex or rubber roller can be specified. **After coulters:** Chain covering harrow. **Fertiliser:** Grain only as standard with the option of micro-fertiliser by fitting a Stocks applicator.								
TSG-240	Mounted	2.4m	16 x 150mm	Three separate rows	400 litres	Seed	1,220kg	£21,499
TSG-240E	Mounted	2.4m	16 x 150mm	Three separate rows	400 litres	Seed	1,220kg	£24,832
TSG-300	Mounted	3m	20 x 150mm	Three separate rows	500 litres	Seed	1,440kg	£23,809
TSG-300E	Mounted	3m	20 x 150mm	Three separate rows	500 litres	Seed	1,440kg	£27,142
TSG-300S	Mounted	3m	20 x 150mm	Three separate rows	1,000 litres	Seed	1,600kg	£27,772
TSG-300SE	Mounted	3m	20 x 150mm	Three separate rows	1,000 litres	Seed	1,600kg	£31,075
TS-300	Mounted	3m	20 x 150mm	Three separate rows	1,000 litres	Seed	1,750kg	£31,762
TS-300E	Mounted	3m	20 x 150mm	Three separate rows	1,000 litres	Seed	1,750kg	£35,064
TSA-300	Mounted	3m	16 x 187.5mm	Three separate rows	1,000 litres	Seed	1,700kg	£30,712
TSA-300E	Mounted	3m	16 x 187.5mm	Three separate rows	1,000 litres	Seed	1,700kg	£33,804
Applicator Range Format: Stocks Ag Turbo Jet for seed metering and distribution, grass or arable application. **Pre-coulter tools:** 380mm boron steel opening discs are mounted in pairs on a sprung axle for stone protection. Disc bar has a central adjuster to allow the disc depth to be adjusted according to conditions. **Seed coulters:** Double coiled 'S' tines with tungsten tiled Z-tip points. **Depth control**: Simple depth wheels with an adjuster handle. **After coulters:** Chain covering harrow.								
TJG-240	Mounted	2.4m	20 x 150mm	Three separate rows	400 litres	Seed	tbc	£20,553
TJG-240i	Mounted	2.4m	20 x 150mm	Three separate rows	400 litres	Seed	tbc	£21,303
TJG-300	Mounted	3m	20 x 150mm	Three separate rows	400 litres	Seed	tbc	£22,863
TJG-300i	Mounted	3m	20 x 150mm	Three separate rows	400 litres	Seed	tbc	£23,613
TJG-300S	Mounted	3m	20 x 150mm	Three separate rows	1,000 litres	Seed	tbc	£26,461
TJG-300Si	Mounted	3m	20 x 150mm	Three separate rows	1,000 litres	Seed	tbc	£27,211
Pneumatic Range Format: Models include rigid, hydraulic folding rear mounted and front/rear combinations. **Pre-coulter tools:** 380mm boron steel opening discs mounted in pairs on a sprung axle for stone protection. Disc bar has a central adjuster to allow the disc depth to be adjusted according to conditions. Optional front tyre roller. **Seed coulters:** Double or triple coiled 'S' tines with tungsten tiled Z-tip points. **Depth control:** Depth wheels with an adjuster handle. In arable applications an optional Spring Flex roller can be specified. **After coulters:** Chain covering harrow. **Fertiliser:** 'T' models have twin metering for grain and fertiliser or multiple cover crop mixtures; additional Stocks Ag applicators can be specified for further metering flexibility.								
TSGP-300	Mounted	3m	20 x 150mm	Three separate rows	1,100 litres	Seed	1,799kg	£37,983
TSGP-300i	Mounted	3m	20 x 150mm	Three separate rows	1,100 litres	Seed	1,799kg	£39,112
TSGP-480	Mounted	4.8m	24 x 150mm	Three separate rows	1,700 litres	Seed	tbc	£61,004
TSGP-480i	Mounted	4.8m	24 x 150mm	Three separate rows	1,700 litres	Seed	tbc	£62,133
TSAP-300	Mounted	3m	16 x 187.5mm	Three separate rows	1,100 litres	Seed	1,800kg	£39,243
TSAP-300i	Mounted	3m	16 x 187.5mm	Three separate rows	1,100 litres	Seed	1,800kg	£40,372
TSAP-480	Mounted	4.8m	24 x 187.5mm	Three separate rows	1,700 litres	Seed	3,250kg	£58,957
TSAP-480i	Mounted	4.8m	24 x 187.5mm	Three separate rows	1,700 litres	Seed	3,250kg	£60,086
TSAP-600	Mounted	6m	32 x 187.5mm	Three separate rows	1,700 litres	Seed	3,550kg	£71,426
TSAP-600i	Mounted	6m	32 x 187.5mm	Three separate rows	1,700 litres	Seed	3,550kg	£72,555
TSAP-300T	Mounted	3m	16 x 187.5mm	Three separate rows	1,100 litres	Seed and fertiliser	tbc	£50,106
TSAP-300Ti	Mounted	3m	16 x 187.5mm	Three separate rows	1,100 litres	Seed and fertiliser	tbc	£51,235
TSAP-480T	Mounted	4.8m	24 x 187.5mm	Three separate rows	1,700 litres	Seed and fertiliser	tbc	£69,168
TSAP-480Ti	Mounted	4.8m	24 x 187.5mm	Three separate rows	1,700 litres	Seed and fertiliser	tbc	£70,297
TSAP-600T	Mounted	6m	32 x 187.5mm	Three separate rows	1,700 litres	Seed and fertiliser	tbc	£81,663
TSAP-600Ti	Mounted	6m	32 x 187.5mm	Three separate rows	1,700 litres	Seed and fertiliser	tbc	£82,792
TSAP-300-4	Mounted	3m	16 x 187.5mm	Four separate rows	1,100 litres	Seed	tbc	£47,244
TSAP-300i-4	Mounted	3m	16 x 187.5mm	Four separate rows	1,100 litres	Seed	tbc	£48,373
TSAP-300T-4	Mounted	3m	16 x 187.5mm	Four separate rows	1,100 litres	Seed and fertiliser	tbc	£52,731
TSAP-300Ti-4	Mounted	3m	16 x 187.5mm	Four separate rows	1,100 litres	Seed and fertiliser	tbc	£53,860
TSAF-480-4	Mounted	4.8m	24 x 187.5mm	Four separate rows	n/a	n/a	tbc	£40,241
TSAF-600-4	Mounted	6m	32 x 187.5mm	Four separate rows	n/a	n/a	tbc	£51,607
Note: *Front tank options include FT-1800, FT-1800i, FT-1800T & FT-1800Ti, all with 1,800-litre hopper capacity, T models have twin metering with an 80:20 split and are available with either electronic or isobus metering. Prices for front tanks start at £25,804.*								
SKY AGRICULTURE								***NEW MODELS**
LS Format: Rear-mounted coulter frame with air distribution from tractor front-mounted hopper. **Seed coulters:** Four rows of 12mm-wide carbide-reinforced Metcalfe seeding tines with adjustable seed delivery tubes; 711mm underframe clearance. **Depth control:** Four frame-mounted gauge wheels. **After coulters:** Rear covering harrow with each row independently adjustable. **Fertiliser:** Separately metered seed and fertiliser from divided front hopper.								
LS P180*	Mounted	4m	19 x 210mm	Four rows	Tractor front hopper	Seed and fertiliser	2,129kg	£34,088
LS P180*	Mounted	6m	29 x 210mm	Four rows	Tractor front hopper	Seed and fertiliser	2,523kg	£40,160
Note: *Requires Progress TF 2,200-litre front hopper with two compartments for seed or separately metered seed and fertiliser. Optional one or two 100-litre hoppers allow additional seed products to be applied. Isobus control; optional central support/packer wheels for the front hopper.*								
SUMO								***UPDATED FEATURE**
Deep Tillage Seeder Format: Mounted – hopper over frame with air distribution. Trailed – seed hopper on chassis with air distribution, folding coulter frame behind supported by main and wing-mounted wheels. **Pre-coulter tools:** 457mm diameter straight-running trash-cutting serrated discs, then staggered row of rigid strip cultivating tines with 15mm Tungsten points and hydraulic stone protection. **Seed coulters:** Staggered row of twin cast openers sowing two rows in a 120mm band, followed by covering discs. **Depth control:** Angled-in rubber press wheel attached to disc/tine/coulter arm mounted on parallel linkage. **Fertiliser:** Delivered separately via seed coulter tine.								
DTS 3 Toolbar	Mounted	3m	9 x 333mm	One row	Tractor front hopper	Seed	2,890kg	£59,888
DTS 3	Mounted	3m	9 x 333mm	One row	2,400 litres*	Seed	3,280kg	£80,999
DTS 4 Toolbar	Mounted	4m	12 x 333mm	One row	Tractor front hopper	Seed	3,995kg	£76,493
DTS 4	Trailed	4m	12 x 333mm	One staggered row	5,000 litres*	Seed	6,600kg	£126,878
DTS 4 G&F	Trailed	4m	12 x 333mm	One staggered row	5,000 litres*	Seed and fertiliser	6,600kg	£143,153
DTS 5	Trailed	5m	15 x 333mm	One staggered row	5,000 litres*	Seed	8,061kg	£143,184
DTS 5 G&F	Trailed	5m	15 x 333mm	One staggered row	5,000 litres*	Seed and fertiliser	8,061kg	£159,428
DTS 6	Trailed	6m	18 x 333mm	One staggered row	5,000 litres*	Seed	9,550kg	£168,415
DTS 6 G&F	Trailed	6m	18 x 333mm	One staggered row	5,000 litres*	Seed and fertiliser	9,550kg	£184,690
DTS 8	Trailed	8m	22 x 333mm	One staggered row	5,000 litres*	Seed	11,130kg	£193,986
DTS 8 G&F	Trailed	8m	22 x 333mm	One staggered row	5,000 litres*	Seed and fertiliser	11,130kg	£210,261

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Model	Mounted or trailed	Width	Seed rows/spacing	Coulter rows	Hopper capacity	Seed/fertiliser	Weight	Price
DTS 9	Trailed	9m	24 x 333mm	One staggered row	5,000 litres*	Seed	12,670kg	£224,600
DTS 9 G&F	Trailed	9m	24 x 333mm	One staggered row	5,000 litres*	Seed and fertiliser	12,670kg	£240,875

TAEGE

Utility Drill UD Format: Full-width box hopper above coulters with electronic seed metering. **Pre-coulter tools:** None. **Seed coulters:** Three or four rows of sprung tines. **Depth control:** Manually-adjustable end wheels. **After coulters:** Optional adjustable harrow and M3 gravity and air broadcasting unit. **Fertiliser:** Optional divided box hopper with drop tubes attached behind tine coulters.

UD120 Utility Drill	Mounted	1.2m	8 x 131mm	Three separate rows	75 litres	Seed	330kg	£11,995
UD180 Utility Drill	Mounted	1.8m	14 x 131mm	Three separate rows	120 litres	Seed	525kg	£12,995
UD300 Utility Drill	Mounted	3m	23 x 131mm	Four separate rows	1,080 litres	Seed	1,150kg	£18,995

DB AS Series Format: DB300 – full-width box hopper, single compartment on DB300 SB, two equal-size compartments on all Double Box (DB) versions mounted above coulters, with electronic metering and air seed distribution. AS series – twin hoppers over or ahead of coulter frame depending on width. **Pre-coulter tools:** None. **Seed coulters:** Staggered row of sprung tines. **Depth control:** Hydraulically-adjustable wheels. **After coulters**: Optional adjustable harrows and M3 gravity and air broadcasting unit. **Fertiliser:** Drop tubes attached behind tine coulters. Larger seed bins available. Hydraulic bag lifter can be added. **Configurations:** Configuration options available, including custom builds to suit individual farmers or contractors.

DB300 SB	Mounted/ trailed	3m	25 x 121mm	Three-and-a-half separate rows	1,050 litres	Seed	1,140kg	£25,995
DB300 DB	Mounted/ trailed	3m	25 x 121mm	Three-and-a-half separate rows	1,008 litres	Seed and fertiliser	1,790kg	£31,995
DB300 DB SS	Mounted/ trailed	3m	25 x 121mm	Three-and-a-half separate rows	1,008 litres	Seed and fertiliser	1,790kg	£32,995
DB360 DB SS	Trailed	3.6m	29 x 121mm	Three-and-a-half separate rows	1,256 litres	Seed and fertiliser	1,950kg	£37,995
AS310 DB	Trailed	3.1m	25 x 121mm	Four-and-a-half separate rows	1,700 litres	Seed and fertiliser	2,000kg	£40,995
AS360 DB	Trailed	3.6m	29 x 121mm	Four-and-a-half separate rows	1,700 litres	Seed and fertiliser	2,200kg	£42,995
AS480 DB	Trailed	4.8m	39 x 121mm	Four-and-a-half separate rows	1,700 litres	Seed and fertiliser	3,300kg	£55,995
AS600 DB	Trailed	6m	49 x 121mm	Four-and-a-half separate rows	2,800 litres	Seed and fertiliser	4,300kg	£79,995

Note: *All 3m drills supplied with three-point linkage mountings and drawbar. Distributed by Farm Agri UK.*

TRITON

Blade Closer Format: Tractor-mounted with integral hopper over coulter frame with flotation wheels at the rear. **Pre-coulter tools:** None. **Seed coulters:** Four rows of wide-spaced rigid steel 770mm legs with two-stage impact plus shear-bolt back-up protection, carrying straight or cranked tungsten-tipped points that create drainage/rooting channel 150mm beyond sowing depth, plus seed tube and deflector. **Depth control:** Tractor hydraulic linkage and adjustable rear-mounted support wheels, plus optional 'sledge' bar on seed coulter. **After coulters**: Seed secured by a single row of paired spring tines with side pressing plates aligned between the seed rows. **Fertiliser:** Delivered into dual zone applicator.

Blade Closer 300RGD	Mounted	3m	16 x 187.5mm	Four separate rows	1,600 litres	Seed	1,900kg	£34,990
Blade Closer 360RGD	Mounted	3.6m	16 x 225mm	Four separate rows	1,600 litres	Seed	2,000kg	£34,990
Blade Closer 480FLD	Mounted	4.8m	24 x 200mm	Four separate rows	1,600 litres	Seed	2,600kg	£58,000
Blade Closer 600FLD	Mounted	6m	32 x 187.5mm	Four separate rows	1,600 litres	Seed	3,000kg	£64,000

Note: *All drills standard with integral drill-mounted hopper and GPS-controlled metering. Version with new front-mounted hopper available to special order, or an existing hopper can be used instead. Fertiliser placement option. All drills made by Cousins of Emneth. Distributed by Triton UK.*

VADERSTAD

Seed Hawk Format: Three-compartment hopper mounted above folding coulter frame. **Pre-coulter tools:** Optional straight-running trash-cutting discs, pivot mounted, provide residue management with independent hydraulic lift and lowering; slim cultivating tine fitted with fertiliser placement boot prepares seed-bed. **Seed coulters:** Offset, shelf-carving knife coulters create tilth that effectively covers the fertiliser while placing seed to one side for separation. Each coulter mounted on trailing arm with hydraulic pressure and stone protection. **Depth control:** Integral rubber press wheel mounted on pre-tine and coulter tine arm. **After coulters:** None. **Fertiliser:** Applied via knife tine positioned ahead of seed coulter.

SH 600C	Trailed	6m	24 x 250mm	Five separate rows	7,000 litres	Seed and fertiliser	8,900kg	£135,000
SH 800C	Trailed	8m	32 x 250mm	Five separate rows	7,000 litres	Seed and fertiliser	10,900kg	£154,100
SH 900C	Trailed	9m	36 x 250mm	Five separate rows	7,000 litres	Seed and fertiliser	11,300kg	£162,450

VIRKAR

Dynamic C Format: Hopper on frame, rear wheels with steering linked to semi-mounted drawbar for sowing in curves. **Pre-coulter tools:** none. **Seed coulters:** Low-disturbance tines on trailing arms connected hydraulically to maintain up to 280kg downforce pressure and even depth over undulations. **Depth control:** Integral press wheel with pin and hole individual adjustment. **After coulters**: 'V'-shaped double press wheels attached to coulter arms. **Fertiliser:** Dry or liquid applied via seed coulters.

Dynamic C 4.5	Trailed	4.5m	24 x 190mm or 18 x 250mm	Two staggered rows	5,300 or 6,800 litres	Seed	5,000kg	£86,900
Dynamic C 4.5 G&F	Trailed	4.5m	24 x 190mm or 18 x 250mm	Two staggered rows	5,300 or 6,800 litres	Seed and fertiliser	5,000kg	£91,200
Dynamic C 5.0	Trailed	5m	26 x 190mm or 20 x 250mm	Two staggered rows	5,300 or 6,800 litres	Seed	6,000kg	£90,800
Dynamic C 5.0 G&F	Trailed	5m	26 x 190mm or 20 x 250mm	Two staggered rows	5,300 or 6,800 litres	Seed and fertiliser	6,000kg	£95,700
Dynamic C 6.0	Trailed	6m	32 x 190mm or 24 x 250mm	Two staggered rows	5,300 or 6,800 litres	Seed	7,000kg	£101,500
Dynamic C 6.0 G&F	Trailed	6m	32 x 190mm or 24 x 250mm	Two staggered rows	5,300 or 6,800 litres	Seed and fertiliser	7,000kg	£106,300
Dynamic C 7.0	Trailed	7m	28 x 250mm	Two staggered rows	5,300 or 6,800 litres	Seed	7,500kg	£110,900
Dynamic C 7.0 G&F	Trailed	7m	28 x 250mm	Two staggered rows	5,300 or 6,800 litres	Seed and fertiliser	7,500kg	£115,700

Dynamic DC Format: Hopper on frame, rear wheels with steering linked to semi-mounted drawbar for sowing in curves. **Pre-coulter tools:** Fluted trash-cutting discs on hydraulically pressured arms to create initial tilth. **Seed coulters:** Low-disturbance tines on trailing arms connected hydraulically to maintain up to 280kg downforce pressure and even depth over undulations. **Depth control:** Integral press wheel with pin and hole individual adjustment. **After coulters:** 'V'-shaped double press wheels attached to coulter arms. **Fertiliser:** Dry or liquid applied via seed coulters.

Dynamic DC 4.5	Trailed	4.5m	24 x 190mm or 18 x 250mm	Two staggered rows	5,300 or 6,800 litres	Seed	5,000kg	£82,388
Dynamic DC 4.5 G&F	Trailed	4.5m	24 x 190mm or 18 x 250mm	Two staggered rows	5,300 or 6,800 litres	Seed and fertiliser	5,000kg	£85,900
Dynamic DC 5.0	Trailed	5m	26 x 190mm or 20 x 250mm	Two staggered rows	5,300 or 6,800 litres	Seed	6,000kg	£85,298
Dynamic DC 5.0 G&F	Trailed	5m	26 x 190mm or 20 x 250mm	Two staggered rows	5,300 or 6,800 litres	Seed and fertiliser	6,000kg	£89,100
Dynamic DC 6.0	Trailed	6m	32 x 190mm or 24 x 250mm	Two staggered rows	5,300 or 6,800 litres	Seed	7,000kg	£94,916
Dynamic DC 6.0 G&F	Trailed	6m	32 x 190mm or 24 x 250mm	Two staggered rows	5,300 or 6,800 litres	Seed and fertiliser	7,000kg	£98,800
Dynamic DC 7.0	Trailed	7m	28 x 250mm	Two staggered rows	5,300 or 6,800 litres	Seed	7,500kg	£100,200
Dynamic DC 7.0 G&F	Trailed	7m	28 x 250mm	Two staggered rows	5,300 or 6,800 litres	Seed and fertiliser	7,500kg	£105,000

Note: *Prices are for 250mm row spacing. Distributed by Samagri.*

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Model	Mounted or trailed	Width	Seed rows/spacing	Coulter rows	Hopper capacity	Seed/fertiliser	Weight	Price
WEAVING								***NEW MODELS**
Sabre Format: Hopper on frame with four mid-mounted wheels or with a tractor front-mounted hopper. **Pre-coulter tools:** None. **Seed coulters:** Rigid 12mm chisel tines with tungsten tips mounted on short coulter arms with rubber frame-clamp inserts. **Depth control:** Hydraulic via two mid-frame tyres. **After coulters:** Two-row flexible tine harrow on parallel linkage. **Fertiliser:** 130-litre applicator, also for slug pellets and oilseed rape; optional 240-litre Avadex applicator. Front Tank models available with grain and fertiliser option.								
Sabre 3000M	Mounted	3m	18 x 166mm	Four separate rows	2,000 litres	Seed	2,000kg	£36,800
Sabre 4800M	Mounted	4.8m	29 x 172mm	Four separate rows	2,000 litres	Seed	2,800kg	£52,800
Sabre 4800 Front Tank	Mounted	4.8m	29 x 172mm	Four separate rows	2,000 litres	Seed	910kg + 2,400kg	£62,800
Sabre 6000M	Mounted	6m	36 x 166mm	Four separate rows	2,000 litres	Seed	3,200kg	£55,800
Sabre 6000 Front Tank	Mounted	6m	36 x 166mm	Four separate rows	2,400 litres	Seed	950kg + 2,800kg	£65,800
Sabre 6400M	Mounted	6.4m	38 x 166mm	Four separate rows	2,000 litres	Seed	3,300kg	£58,800
Sabre 7200M	Mounted	7.2m	42 x 166mm	Four separate rows	2,000 litres	Seed	3,600kg	£70,800
Sabre 7200 Front Tank	Mounted	7.2m	42 x 166mm	Four separate rows	2,400 litres	Seed	950kg + 3,200kg	£78,800
Sabre 8000M	Mounted	8m	48 x 166mm	Four separate rows	2,000 litres	Seed	3,900kg	£74,800
Sabre 8000 Front Tank	Mounted	8m	48 x 166mm	Four separate rows	2,400 litres	Seed	950kg + 3,500kg	£82,800
Trailed Sabre Format: Trailed triple hopper with rear coulter bar, wrap-around fold. **Pre-coulter tools:** One row of hydraulic wavy cutting discs. **Seed coulters:** Rigid chisel tines with tungsten tips mounted on short coulter arms with rubber frame-clamp inserts. Available in either 12mm or 50mm wide tines by request. **Depth control:** Hydraulic via mid-frame tyres. **After coulters:** Two-row flexible tine harrow on parallel linkage. **Fertiliser:** Hopper split 50:10:40 and suitable for granular fertiliser, seed and small seeds.								
Sabre 12.48*	Trailed	12m	48 x 250mm	Two separate rows	6,500 litres	Seed and fertiliser	12,500kg	£148,800
Sabre 12.60*	Trailed	12m	60 x 200mm	Two separate rows	6,500 litres	Seed and fertiliser	12,750kg	£155,800

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