

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
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AERWORK

NEW LISTING

Boa Format: box drill with full-width hopper 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	£20,600
Boa DT 21	Mounted	2.7m	21 x 125mm	Three separate rows	1,000 litres	Seed and fertiliser	1,200kg	£20,900
Boa DT 23	Mounted	3m	23 x 125mm	Three separate rows	1,000 litres	Seed and fertiliser	1,250kg	£21,200

AITCHISON

NEW LISTING

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:** two 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	One row	130 litres	Seed	303kg	£8,995
3014C	Mounted	2.1m	14 x 150mm	One row	280 litres	Seed	525kg	£11,995
3018C	Mounted	2.7m	18 x 150mm	One row	365 litres	Seed	875kg	£13,995

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	Two separate rows	700 litres	Seed	1,280kg	£17,495
ASM-4020CT	Trailled	2.5m	20 x 125mm	Two separate rows	700 litres	Seed	1,570kg	£19,495
ASM-4024C	Mounted	3m	24 x 125mm	Two separate rows	850 litres	Seed	1,440kg	£21,495
ASM-4124C	Mounted	3m	24 x 125mm	Two separate rows	1,160 litres	Seed and fertiliser	1,620kg	£23,495
ASM-4024CT	Trailled	3m	24 x 125mm	Two separate rows	850 litres	Seed	1,730kg	£26,495
ASM-4124CT	Trailled	3m	24 x 125mm	Two separate rows	1,160 litres	Seed and fertiliser	1,910kg	£28,495
ASM-4028CT	Trailled	3.5m	28 x 125mm	Two separate rows	1,000 litres	Seed	1,870kg	£32,495
ASM-4128CT	Trailled	3.5m	28 x 125mm	Two separate rows	1,355 litres	Seed and fertiliser	2,050kg	£34,995

Note: Distributed by UK Farm Agri.

AMAZONE

* NEW OPTIONS ** NEW MODELS

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	Trailled	6m	36 x 166mm	Three separate rows	3,600 litres	Seed	5,579kg	£97,955
Cayena 6001-C	Trailled	6m	36 x 166mm	Three separate rows	4,000 litres	Seed and fertiliser	5,679kg	£105,520

Condor Format: coulters 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 O2 series. **Depth control:** coulters arm mounted air- or foam-filled or Otico flexi-press wheel. **After coulters:** see depth control. **Fertiliser:** metered into seed pipe.

Condor 8002-2C **	Trailled	8m	40 x 200mm	Three separate rows	4,100 litres	Seed and fertiliser	7,300kg	na
Condor 8002-2C **	Trailled	8m	32 x 250mm	Three separate rows	4,100 litres	Seed and fertiliser	7,300kg	na
Condor 9002-2C **	Trailled	9m	45 x 200mm	Three separate rows	4,100 litres	Seed and fertiliser	7,600kg	na
Condor 9002-2C **	Trailled	9m	36 x 250mm	Three separate rows	4,100 litres	Seed and fertiliser	7,600kg	na
Condor 12001	Trailled	12m	48 x 250mm	Three separate rows	8,000 litres	Seed and fertiliser	12,867kg	£178,810
Condor 15001	Trailled	15m	60 x 250mm	Three separate rows	8,000 litres	Seed and fertiliser	12,245kg	£194,270

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 O2 series.

Primera 3000	Trailled	3m	16 x 187mm	Four banks of four	4,200, 5,000 or 5,800 litres	Seed and fertiliser	4,887kg	£86,960
Primera 6000-2 *	Trailled	6m	32 x 187mm	Eight banks of four	4,200, 5,000 or 5,800 litres	Seed and fertiliser	6,487kg	£136,735
Primera 6002-2 **	Trailled	6m	33 x 187mm	Eight banks of four	5,000 litres	Seed and fertiliser	9,350kg	na

BEDNAR

NEW LISTING

Girona GN Format: rear-mounted coulters 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 20mm x 200mm 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 coulters tine. **After coulters:** following harrow. **Fertiliser:** with the seed or when Matador MO mounted multiple fertiliser placement options.

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

Note: other optional row spacing available including strip-till options.

BRAMLEYS

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 coulters 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 coulters.

Model	Mounted or trailed	Width	Seed rows/spacing	Coulter rows	Hopper capacity	Seed/fertiliser	Weight	Price
Zone 3m leading disc	Mounted	3m	12 rows x 250mm	Two separate rows	Toolbar only	Seed	850kg	£17,500
Zone 3m press wheel	Mounted	3m	12 rows x 250mm	Two separate rows	Toolbar only	Seed	850kg	£17,500
Zone 3m disc + press wheel	Mounted	3m	12 rows x 250mm	Two separate rows	Toolbar only	Seed	1,100kg	£20,500
Zone 3m leading disc	Mounted	3m	12 rows x 250mm	Two separate rows	1,000 litres	Seed	1,250kg	£27,000
Zone 3m press wheel	Mounted	3m	12 rows x 250mm	Two separate rows	1,000 litres	Seed	1,250kg	£27,000
Zone 3m disc + press wheel	Mounted	3m	12 rows x 250mm	Two separate rows	1,000 litres	Seed	1,500kg	£30,000
Zone 3m	Mounted	3m	12 rows x 250mm	Three separate rows	Toolbar only	Seed	600kg	£14,500
Zone 3m	Mounted	3m	12 rows x 250mm	Three separate rows	1,000 litres	Seed	1,000kg	£24,000
Zone 6m leading disc	Mounted	6m	24 rows x 250mm	Two separate rows	Toolbar only	Seed	2,250kg	£38,000
Zone 6m press wheel	Mounted	6m	24 rows x 250mm	Two separate rows	Toolbar only	Seed	2,250kg	£38,000
Zone 6m disc + press wheel	Mounted	6m	24 rows x 250mm	Two separate rows	Toolbar only	Seed	2,500kg	£44,000
Zone 6m leading disc	Mounted	6m	24 rows x 250mm	Two separate rows	2,000 litres	Seed	600kg/2,250kg	£52,500
Zone 6m press wheel	Mounted	6m	24 rows x 250mm	Two separate rows	2,000 litres	Seed	600kg/2,250kg	£52,500
Zone 6m disc + press wheel	Mounted	6m	24 rows x 250mm	Two separate rows	2,000 litres	Seed	600kg/2,500kg	£58,500
Zone 6m	Mounted	6m	24 rows x 250mm	Three separate rows	Toolbar only	Seed	1,500kg	£32,000
Zone 6m	Mounted	6m	24 rows x 250mm	Three separate rows	2,000 litres	Seed	600kg/1,500kg	£46,500

Note: Manufactured by Bramleys Seed Establishment.

CLAYDON

*** NEW MODEL**

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	£51,963
Evolution M3 Fert	Mounted	3m	9 x 333mm	Two separate rows	2,500 litres (50:50)	Seed and fertiliser	2,260kg	£65,968
Evolution M3 Toolbar Fert	Mounted	3m	9 x 333mm	Two separate rows	2,750 litres (55.45)	Seed and fertiliser	1,705kg + 750kg	£62,475
Evolution T3	Trailled	3m	9 x 333mm	Two separate rows	1,910 litres	Seed	3,200kg	£58,919
Evolution T3 Fert	Trailled	3m	9 x 333mm	Two separate rows	2,500 litres (50:50)	Seed and fertiliser	3,500kg	£72,924
Evolution M4R Rigid Chassis	Mounted	4m	13 x 308mm	Two separate rows	1,910 litres	Seed	2,300kg	£58,653
Evolution M4RF Rigid Chassis Fert	Mounted	4m	13 x 308mm	Two separate rows	2,500 litres (50:50)	Seed and fertiliser	2,400kg	£72,288
Evolution M4R Toolbar Fert *	Mounted	4m	13 x 308mm	Two separate rows	2,750 litres (50:50)	Seed and fertiliser	1,940kg + 750kg	£69,435
Evolution M4	Mounted	4m	13 x 308mm	Two separate rows	1,910 litres	Seed	2,830kg	£70,177
Evolution M4 Toolbar Fert	Mounted	4m	13 x 308mm	Two separate rows	2,750 litres (55.45)	Seed and fertiliser	2,470kg + 750kg	£79,059
Evolution M4.5	Mounted	4.5m	13 x 346mm	Two separate rows	1,910 litres	Seed	2,930kg	£71,564
Evolution M4.5 Toolbar Fert	Mounted	4.5m	13 x 346mm	Two separate rows	2,750 litres (55.45)	Seed and fertiliser	2,570kg + 750kg	£80,779
Evolution M4.8	Mounted	4.8m	15 x 320mm	Two separate rows	1,910 litres	Seed	2,980kg	£74,369
Evolution M4.8 Toolbar Fert	Mounted	4.8m	15 x 320mm	Two separate rows	2,750 litres (55.45)	Seed and fertiliser	2,620kg + 750kg	£84,197
Evolution M5	Mounted	5m	15 x 333mm	Two separate rows	1,910 litres	Seed	3,020kg	£75,437
Evolution M5 Toolbar Fert	Mounted	5m	15 x 333mm	Two separate rows	2,750 litres (55.45)	Seed and fertiliser	2,660kg + 750kg	£85,398
Evolution M6	Mounted	6m	19 x 316mm	Two separate rows	1,910 litres	Seed	3,355kg	£84,031
Evolution M6 Toolbar Fert	Mounted	6m	19 x 316mm	Two separate rows	2,750 litres (55.45)	Seed and fertiliser	2,995kg + 750kg	£95,619

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 Twin front hopper and are based on front 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	Trailled	4m	13 x 308mm	Two separate rows	3,500 litres	Seed	6,000kg	£110,499
Hybrid T4 Fert	Trailled	4m	13 x 308mm	Two separate rows	3,500 litres (60:40)	Seed and fertiliser	6,000kg	£120,728
Hybrid T4.8	Trailled	4.8m	15 x 320mm	Two separate rows	3,500 litres	Seed	6,200kg	£115,357
Hybrid T4.8 Fert	Trailled	4.8m	15 x 320mm	Two separate rows	3,500 litres (60:40)	Seed and fertiliser	6,200kg	£125,784
Hybrid T6c	Trailled	6m	19 x 316mm	Two separate rows	3,500 litres	Seed	7,900kg	£121,082
Hybrid T6c Fert	Trailled	6m	19 x 316mm	Two separate rows	3,500 litres (60:40)	Seed and fertiliser	7,900kg	£131,692
Hybrid T6	Trailled	6m	19 x 316mm	Two separate rows	5,500 litres	Seed	9,200kg	£137,697
Hybrid T6 Fert	Trailled	6m	19 x 316mm	Two separate rows	5,500 litres (60:40)	Seed and fertiliser	9,200kg	£148,307
Hybrid T8	Trailled	8m	25 x 320mm	Two separate rows	5,500 litres	Seed	11,200kg	£150,391

Model	Mounted or trailed	Width	Seed rows/spacing	Coulter rows	Hopper capacity	Seed/fertiliser	Weight	Price
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 coulters 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

* NEW MODELS ** NEW OPTIONS

MTD Format: three-point linkage mounted with hopper and Accord metering system on coulters 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 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	£34,950
MTD 3 F	Mounted	3m	24 x 125mm or 18 x 166mm	Four separate rows	1,600 litres	Seed and fertiliser	1,600kg	£40,950
MTD+ 3 *	Mounted	3m	24 x 125mm or 18 x 166mm	Four rows / 600mm centres	1,350 litres	Seed	1,800kg	£39,950
MTD 4	Mounted	4m	32 x 125mm or 24 x 166mm	Four separate rows	1,600 litres	Seed	2,000kg	£39,900
MTD 4 F	Mounted	4m	32 x 125mm or 24 x 166mm	Four separate rows	1,600 litres	Seed and fertiliser	2,000kg	£45,900
MTD+ 4 *	Mounted	4m	32 x 125mm or 24 x 166mm	Four rows / 600mm centres	1,350 litres	Seed	2,200kg	£44,900
MTD 4.8	Mounted	4.8m	38 x 125mm or 29 x 166mm	Four separate rows	1,600 litres	Seed	2,150kg	£45,600
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	£51,600
MTD+ 4.8 *	Mounted	4.8m	38 x 125mm or 29 x 166mm	Four rows / 600mm centres	1,350 litres	Seed	2,350kg	£50,600
MTD 6	Mounted	6m	48 x 125mm or 36 x 166mm	Four separate rows	1,600 litres	Seed	2,300kg	£47,800
MTD 6 F	Mounted	6m	48 x 125mm or 36 x 166mm	Four separate rows	1,600 litres	Seed and fertiliser	2,300kg	£53,800
MTD+ 6 *	Mounted	6m	48 x 125mm or 36 x 166mm	Four rows / 600mm centres	1,350 litres	Seed	2,350kg	£52,800
MTD 8	Mounted	8m	64 x 125mm or 48 x 166mm	Four separate rows	1,600 litres	Seed	2,600kg	£53,850
MTD 8 F	Mounted	8m	64 x 125mm or 48 x 166mm	Four separate rows	1,600 litres	Seed and fertiliser	2,600kg	£59,850
MTD+ 8 *	Mounted	8m	64 x 125mm or 48 x 166mm	Four rows / 600mm centres	1,350 litres	Seed	2,800kg	£58,850
MTD 10 Toolbar/Front Tank	Mounted	10m	80 x 125mm or 60 x 166mm	Four separate rows	2,000 litres	Seed	2,800kg	£72,000

Eco-Drill Format: 'S' models - hopper on chassis or tractor front-mounted; 'M' models - hopper mounted above mid-chassis wheels; 'L' models - hopper on frame or above rear-chassis wheels; 'XL' models - hopper on chassis ahead of large transport wheels mounted within the coulters 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 downpressure, 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 coulters, 125mm row spacing - applied from the back of each tine. New Scorpion drilling assembly available on all Eco Models - 250mm row spacing with double coulters 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	£51,000
Eco-Drill S 4 **	Mounted	4m	32 x 125mm and 16 x 250mm	Three separate rows	2,000 litres	Seed and fertiliser	3,250kg	£60,200
Eco-Drill S 5 **	Mounted	5m	40 x 125mm and 20 x 250mm	Three separate rows	2,000 litres	Seed and fertiliser	3,750kg	£68,650
Eco-Drill M 3 **	Trailed	3m	24 x 125mm and 12 x 250mm	Three separate rows	3,000 litres	Seed and fertiliser	4,330kg	£55,900
Eco-Drill M 4 **	Trailed	4m	32 x 125mm and 16 x 250mm	Three separate rows	3,000 litres	Seed and fertiliser	4,850kg	£66,000
Eco-Drill M 5 **	Trailed	5m	40 x 125mm and 20 x 250mm	Three separate rows	3,000 litres	Seed and fertiliser	5,100kg	£73,000
Eco-Drill M 6 **	Trailed	6m	48 x 125mm and 24 x 250mm	Three separate rows	3,000 litres	Seed and fertiliser	5,900kg	£82,000
Eco-Drill M 8 **	Trailed	8m	64 x 125mm and 32 x 250mm	Three separate rows	3,000 litres	Seed and fertiliser	7,200kg	£98,500
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	£82,000
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	£98,500
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	£120,000
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	£128,500
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	£150,000
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	£170,000

DUNCAN

* ADDITIONAL MODELS

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 coulters 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 coulters 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

Model	Mounted or trailed	Width	Seed rows/spacing	Coulter rows	Hopper capacity	Seed/fertiliser	Weight	Price
Renovator AS6100 36 *	Trailled	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.

FENTECH AGRI

Sintech T-Sem Format: Grass 240, Grass 300, 300 and 300A - full-width hopper on frame with gravity distribution; 'E' models - electric drive option with gravity distribution; 'P' models - central hopper on frame with air distribution; 'FH' models - front-mounted hopper. **Pre-coulter tools:** straight trash-cutting discs or optional semi-pneumatic tyre yres on T-Sem Grass, LP and APL models, Springflex roller on regular TS models. **After coulters:** chain link harrow or following harrow tines. **Fertiliser:** dry or liquid bolt-on option delivers to seed coulters.

Model	Mounted or trailed	Width	Seed rows/spacing	Coulter rows	Hopper capacity	Seed/fertiliser	Weight	Price
TSG-240	Mounted	2.4m	16 x 150mm	Three separate rows	400 litres	Seed	1,220kg	£20,475
TSG-300	Mounted	3m	20 x 150mm	Three separate rows	500 litres	Seed	1,440kg	£22,675
TJG-300 *	Mounted	3m	20 x 150mm	Three separate rows	400 litres	Seed and fertiliser	1,530kg	£26,450
TSG-300E	Mounted	3m	20 x 150mm	Three separate rows	500 litres	Seed	1,530kg	£25,850
TSG-300S	Mounted	3m	20 x 150mm	Three separate rows	1,000 litres	Seed	1,550kg	£26,450
TSG-300SE	Mounted	3m	20 x 150mm	Three separate rows	1,000 litres	Seed	1,640kg	£29,595
TSG-300SP	Mounted	3m	20 x 150mm	Three separate rows	1,100 litres	Seed	1,720kg	£36,175
TS-300A	Mounted	3m	16 x 187mm	Three separate rows	1,000 litres	Seed	1,750kg	£29,250
TS-300AE	Mounted	3m	16 x 187mm	Three separate rows	1,000 litres	Seed	1,740kg	£32,195
TS-300	Mounted	3m	20 x 150mm	Three separate rows	1,000 litres	Seed	1,890kg	£30,250
TS-300E	Mounted	3m	20 x 150mm	Three separate rows	1,000 litres	Seed	1,880kg	£33,395
TS-300AP	Mounted	3m	16 x 187mm	Three separate rows	1,100 litres	Seed	1,750kg	£37,375
TS-300P	Mounted	3m	20 x 150mm	Three separate rows	1,100 litres	Seed	1,850kg	£38,550
TS-350AP	Mounted	3.43m	18 x 187mm	Three separate rows	1,100 litres	Seed	1,900kg	£40,950
TS-400AP	Mounted	4m	22 x 187mm	Three separate rows	1,300 litres	Seed	2,150kg	£44,075
TS-450WP	Mounted	4.5m	18 x 250mm	Three separate rows	1,700 litres	Seed and fertiliser	2,820kg	£55,950
TS-480AP	Mounted	4.8m	24 x 200mm	Three separate rows	1,700 litres	Seed and fertiliser	3,250kg	£56,150
TS-480LP	Mounted	4.8m	32 x 150mm	Four separate rows	1,700 litres	Seed and fertiliser	2,150kg	£56,150
TS-600AP	Mounted	6m	32 x 187mm	Three separate rows	1,700 litres	Seed and fertiliser	3,550kg	£68,025
TS-480 4A Toolbar	Mounted	4.8m	24 x 200mm	Four separate rows	na	na	2,750kg	£38,325
TS-600 4A Toolbar	Mounted	6m	32 x 187mm	Four separate rows	na	na	3,050kg	£49,150
TS-480 APL Toolbar *	Mounted	4.8m	24 x 200mm	Four separate rows	na	na	2,540kg	£46,285

Note: New FH1800 1,800-litre front seed hopper weighs 845kg, priced £24,575. FH-1800-2 1,800-litre combined seed and fertiliser hopper weighs 934kg, priced £28,575.

GRANGE

NEW LISTING

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, slug pellet broadcasting kit.

TD 3	Mounted	3m	12 x 250mm	Four separate rows	2,200kg	Seed	na	£33,725
TD 3	Mounted	3m	12 x 250mm	Four separate rows	2,400kg	Seed and fertiliser	na	£34,995
TD 4	Mounted	4m	16 x 250mm	Four separate rows	2,200kg	Seed	na	£46,845
TD 4	Mounted	4m	16 x 250mm	Four separate rows	2,400kg	Seed and fertiliser	na	£48,295
TD 6	Mounted	6m	24 x 250mm	Four separate rows	2,200kg	Seed	na	£52,520
TD 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	1,600kg	Seed	2,500kg	£35,650
Sprinter 6.25 SL	Mounted	6m	24 x 250mm	Three separate rows	2,220kg	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	Trailled	12m	48 x 250mm	Three separate rows	6,300 litres	Seed and fertiliser	7,700-8,500kg	£153,400
Sprinter 12.25 SC Triple	Trailled	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	Trailled	4m	14 x 286mm	Three separate rows	2,800 litres	Seed	4,000kg	£65,600
Sprinter 4 ST	Trailled	4m	14 x 286mm	Three separate rows	5,000 litres	Seed and fertiliser	4,550kg	£75,250
Sprinter 6 ST	Trailled	6m	22 x 273mm	Three separate rows	3,500 litres	Seed	5,400kg	£89,300
Sprinter 6 ST	Trailled	6m	22 x 273mm	Three separate rows	5,000 litres	Seed and fertiliser	6,020kg	£99,100
Sprinter 8 SW	Trailled	8m	28 x 285mm	Three separate rows	8,000 litres	Seed and fertiliser	10,750kg	£173,310
Sprinter 9 SW	Trailled	9m	30 x 300mm	Three separate rows	8,000 litres	Seed and fertiliser	11,500kg	£187,340
Sprinter 10 SW	Trailled	10m	34 x 300mm	Three separate rows	8,000 litres	Seed and fertiliser	12,200kg	£202,860

Model	Mounted or trailed	Width	Seed rows/spacing	Coulter rows	Hopper capacity	Seed/fertiliser	Weight	Price
Sprinter 12 SW	Trailed	12m	40 x 300mm	Two separate rows	8,000 litres	Seed and fertiliser	14,200kg	poa

KÖCKERLING

* ADDITIONAL MODELS

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	£68,100
CS 400	Trailed	4m	22 x 185mm	Five staggered rows	2,800 litres	Seed	5,720kg	£84,300
CS 600	Trailed	6m	32 x 185mm	Five staggered rows	3,300 litres	Seed	9,000kg	£120,100
CS 600 Combi	Trailed	6m	32 x 185mm	Five staggered rows	3,300 litres	Seed and fertiliser	9,000kg	£134,300
CS 720 *	Trailed	7.2m	38 x 187mm	Five staggered rows	3,300 litres	Seed	10,800kg	£129,800
CS 720 Combi *	Trailed	7.2m	38 x 187mm	Five staggered rows	3,300 litres	Seed and fertiliser	10,800kg	£143,450
CS 750 *	Trailed	7.5m	40 x 187mm	Five staggered rows	3,300 litres	seed	11,000kg	£132,870
CS 750 Combi *	Trailed	7.5m	40 x 187mm	Five staggered rows	3,300 litres	Seed and fertiliser	11,000kg	£146,520
800	Trailed	8m	44 x 185mm	Five staggered rows	4,000 litres	Seed	11,000kg	£168,800

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 line feeding below seed depth.

SD-3115	Mounted	3m	16 x 188mm	Three separate rows	665 or 866 litres	Seed	890-960kg	£21,140
SD-3115	Mounted	3m	21 x 143mm	Three separate rows	866 or 1,000 litres	Seed	960kg	£22,730
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	£48,300
1909 SM 4.8	Mounted	4.8m	29 x 160mm	Four separate rows	2,000 litres	Seed	2,200kg	£50,120
1909 SM 5.0	Mounted	5m	31 x 160mm	Four separate rows	2,000 litres	Seed	2,260kg	£50,320
1909 SM 6.0	Mounted	6m	37 x 160mm	Four separate rows	2,000 litres	Seed	2,350kg	£52,820
1909 SM 7.0	Mounted	7m	43 x 160mm	Four separate rows	5,500 litres	Seed	3,700kg	£56,430

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	£55,440
SM-P 4.8	Mounted	4.8m	29 x 160mm	Four separate rows	2,000 litres	Seed	2,300kg	£57,480
SM-P 5.0	Mounted	5m	31 x 160mm	Four separate rows	2,000 litres	Seed	2,360kg	£57,580
SM-P 6.0	Mounted	6m	37 x 160mm	Four separate rows	2,000 litres	Seed	2,450kg	£60,000
SM-P 6.0 Aura	Mounted	6m	37 x 160mm	Four separate rows	2,000 litres	Seed	2,200kg	£62,230
SM-P 6.0 Aura	Mounted	6m	37 x 160mm	Four separate rows	2,000 litres	Seed and fertiliser	2,350kg	£67,040
SM-P 6.0	Mounted	6m	24 x 250mm	Four separate rows	2,000 litres	Seed	2,320kg	£57,270
SM-P 6.0 Aura	Mounted	6m	24 x 250mm	Four separate rows	2,000 litres	Seed	2,070kg	£63,460
SM-P 6.0 Aura	Mounted	6m	24 x 250mm	Four separate rows	2,000 litres	Seed and fertiliser	2,220kg	£71,120
SM-P 7.0	Mounted	7m	43 x 160mm	Four separate rows	2,000 litres	Seed	2,600kg	£66,300
SM-P 7.0 Aura	Mounted	7m	24 x 250mm	Four separate rows	2,000 litres	Seed	2,350kg	£66,530
SM-P 7.0 Aura	Mounted	7m	24 x 250mm	Four separate rows	2,000 litres	Seed and fertiliser	2,500kg	£78,250
SM-P 8.0	Mounted	8m	32 x 250mm	Four separate rows	2,000 litres	Seed	2,550kg	£65,270

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 harrow or individual rubber press wheels. **Fertiliser:** none.

4800	Mounted	4.8m	38 x 125mm	Five separate rows	1,750 litres	Seed	1,900kg	£49,432
4800	Mounted	4.8m	32 x 150mm	Five separate rows	1,750 litres	Seed	1,800kg	£47,890
5000	Mounted	5m	40 x 125mm	Five separate rows	1,750 litres	Seed	1,950kg	£49,515
5600	Mounted	5.6m	40 x 150mm	Five separate rows	1,750 litres	Seed	2,050kg	£50,600
6000	Mounted	6m	48 x 125mm	Five separate rows	1,750 litres	Seed	2,180kg	£55,300
6000	Mounted	6m	40 x 150mm	Five separate rows	1,750 litres	Seed	1,980kg	£57,189

Note: Isobus control optional.

MZURI WORLD

REVISED RANGE

iPass

DISCONTINUED

Pro-Til Format: hopper on frame, mid-mounted press wheels. **Pre-coulter tools:** optional pivoting trash-cutting discs, then soil loosening/fertiliser placement tines with hydraulic auto reset protection, followed by 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:** flexible tine covering harrow with hydraulic pressure adjustment. **Fertiliser:** delivered via front tines.

Pro-Til 3T Dual	Trailed	3m	9 x 333mm	Two staggered rows	3,600 litres	Seed and fertiliser	4,700kg	£95,405
Pro-Til 3T Select Dual	Trailed	3m	9 x 333mm or 5 x 666mm	Two staggered rows	3,600 litres	Seed and fertiliser	4,700kg	£106,411
Pro-Til 3T Big Tank	Trailed	3m	9 x 333mm	Two staggered rows	5,400 litres	Seed and fertiliser	4,700kg	£120,669
Pro-Til 3T Select Big Tank	Trailed	3m	9 x 333mm or 5 x 666mm	Two staggered rows	5,400 litres	Seed and fertiliser	4,700kg	£131,675

Model	Mounted or trailed	Width	Seed rows/spacing	Coulter rows	Hopper capacity	Seed/fertiliser	Weight	Price
Pro-Til 3TB Dual	Trailled	3m	7 x 428mm	Two staggered rows	3,600 litres	Seed and fertiliser	4,700kg	£87,096
Pro-Til 3TB Select Dual	Trailled	3m	7 x 428mm	Two staggered rows	3,600 litres	Seed and fertiliser	4,700kg	£96,894
Pro-Til 4T Dual	Trailled	4m	11 x 363mm	Two staggered rows	3,600 litres	Seed and fertiliser	5,710kg	£111,782
Pro-Til 4T Select Dual	Trailled	4m	11 x 363mm or 6 x 726mm	Two staggered rows	3,600 litres	Seed and fertiliser	5,710kg	£123,276
Pro-Til 4T Big Tank	Trailled	4m	11 x 363mm	Two staggered rows	5,400 litres	Seed and fertiliser	7,000kg	£125,412
Pro-Til 4T Select Big Tank	Trailled	4m	11 x 363mm or 6 x 726mm	Two staggered rows	5,400 litres	Seed and fertiliser	7,000kg	£136,880
Pro-Til 6T Select Dual	Trailled	6m	17 x 353mm or 8 x 706mm	Two staggered rows	4,500 litres	Seed and fertiliser	9,000kg	£198,068
Pro-Til 6T Select Dual Big Tank	Trailled	6m	17 x 353mm or 8 x 706mm	Two staggered rows	6,500 litres	Seed and fertiliser	11,000kg	£213,553
Pro-Til 6TB Select	Trailled	6m	13 x 461mm	Two staggered rows	4,500 litres	Seed and fertiliser	9,000kg	£191,184

Note: 'Select' models have retractable alternate tine coulters for choice of row spacing.

Xzact Format: precision seeding module with individual seeding units automatically supplied from the main seed hopper. **Seed delivery:** electronically controlled vacuum metering system for single seed dosing. **Seed coulters:** hydraulic downforce and dual-plane movement maintain even depth and seed-to-soil contact. **Depth control:** press wheels. **After coulters:** consolidating wheels. **Fertiliser:** 3,600-litre hopper 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.

Pro-Til Xzact (long arm)	Trailled	3m	5 x 666mm	Two staggered rows	3,600 litres	Seed and fertiliser	1,800kg	£19,991
Pro-Til Xzact (short arm)	Trailled	3m	5 x 666mm	Two staggered rows	3,600 litres	Seed and fertiliser	1,800kg	£51,271
Pro-Til Xzact (long arm)	Trailled	3m	9 x 333mm	Two staggered rows	3,600 litres	Seed and fertiliser	1,800kg	£62,294
Pro-Til Xzact (short arm)	Trailled	3m	4 x 750mm	Two staggered rows	3,600 litres	Seed and fertiliser	1,800kg	£46,452
Pro-Til Xzact (short arm)	Trailled	3m	7 x 428mm	Two staggered rows	3,600 litres	Seed and fertiliser	1,800kg	£60,629
Pro-Til Xzact (long arm)	Trailled	4m	6 x 726mm	Two staggered rows	3,600 litres	Seed and fertiliser	2,060kg	£25,139
Pro-Til Xzact (short arm)	Trailled	4m	6 x 726mm	Two staggered rows	3,600 litres	Seed and fertiliser	2,060kg	£25,312
Pro-Til Xzact (long arm)	Trailled	4m	11 x 363mm	Two staggered rows	3,600 litres	Seed and fertiliser	2,060kg	£90,999
Pro-Til Xzact (long arm)	Trailled	6m	9 x 666mm	Two staggered rows	4,500 litres	Seed and fertiliser	2,800kg	£80,714
Pro-Til Xzact (short arm)	Trailled	6m	9 x 666mm	Two staggered rows	4,500 litres	Seed and fertiliser	2,800kg	£82,867
Pro-Til Xzact (long arm)	Trailled	6m	17 x 352mm	Two staggered rows	4,500 litres	Seed and fertiliser	2,800kg	£133,191

SUMO

Deep Tillage Seeder Format: mounted – hopper over frame with air distribution. Trailled – 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	£57,036
DTS 3	Mounted	3m	9 x 333mm	One row	1,900 litres	Seed	3,280kg	£77,142
DTS 4 Toolbar	Mounted	4m	12 x 333mm	One row	Tractor front hopper	Seed	3,995kg	£72,850
DTS 4	Trailled	4m	12 x 333mm	One staggered row	3,600 litres	Seed	6,600kg	£120,836
DTS 4 G&F	Trailled	4m	12 x 333mm	One staggered row	3,600 litres	Seed and fertiliser	6,600kg	£136,336
DTS 5	Trailled	5m	15 x 333mm	One staggered row	3,600 litres	Seed	8,061kg	£136,366
DTS 5 G&F	Trailled	5m	15 x 333mm	One staggered row	3,600 litres	Seed and fertiliser	8,061kg	£151,836
DTS 6	Trailled	6m	18 x 333mm	One staggered row	3,600 litres	Seed	9,550kg	£160,395
DTS 6 G&F	Trailled	6m	18 x 333mm	One staggered row	3,600 litres	Seed and fertiliser	9,550kg	£175,895
DTS 8	Trailled	8m	22 x 333mm	One staggered row	3,600 litres	Seed	11,130kg	£184,749
DTS 8 G&F	Trailled	8m	22 x 333mm	One staggered row	3,600 litres	Seed and fertiliser	11,130kg	£200,249
DTS 9	Trailled	9m	24 x 333mm	One staggered row	3,600 litres	Seed	12,670kg	£213,905
DTS 9 G&F	Trailled	9m	24 x 333mm	One staggered row	3,600 litres	Seed and fertiliser	12,670kg	£229,405

TAEGE

* ADDITIONAL MODEL

Utility Drill UD Format: full-width box hopper above coulters with electronic seed metering. **Pre-coulter tools:** none. **Seed coulters:** two or three rows of sprung tines. **Depth control:** hydraulically-adjustable end wheels. **After coulters:** optional adjustable harrow and M3 gravity and air broadcasting unit. **Fertiliser:** divided box hopper with drop tubes attached behind tine coulters.

UD120 Utility Drill	Mounted	1.2m	8 x 131mm	Two separate rows	75 litres	Seed	330kg	£10,495
UD180 Utility Drill	Mounted	1.8m	14 x 131mm	Two separate rows	120 litres	Seed	525kg	£11,995
UD300 Utility Drill *	Mounted	3m	23 x 131mm	Three separate rows	1,080 litres	Seed	1,150kg	£17,995

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.

DB300 SB	Mounted/trailed	3m	25 x 121mm	Three separate rows	1,050 litres	Seed	1,140kg	£24,995
DB300 DB	Mounted/trailed	3m	25 x 121mm	Three separate rows	1,008 litres	Seed and fertiliser	1,790kg	£29,995
DB300 DB SS	Mounted/trailed	3m	25 x 121mm	Three separate rows	1,008 litres	Seed and fertiliser	1,790kg	£31,995
DB360 DB SS	Trailled	3.6m	29 x 121mm	Three separate rows	1,256 litres	Seed and fertiliser	1,950kg	£36,995
AS310 DB	Trailled	3.1m	25 x 121mm	Four separate rows	1,700 litres	Seed and fertiliser	2,000kg	£39,995
AS360 DB	Trailled	3.6m	29 x 121mm	Four separate rows	1,700 litres	Seed and fertiliser	2,200kg	£41,995
AS480 DB	Trailled	4.8m	39 x 121mm	Four separate rows	1,700 litres	Seed and fertiliser	3,300kg	£53,995
AS600 DB	Trailled	6m	49 x 121mm	Four separate rows	1,700 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.

Model	Mounted or trailed	Width	Seed rows/spacing	Coulter rows	Hopper capacity	Seed/fertiliser	Weight	Price
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TRITON

* NEW MODELS

Blade Closer Format: tractor-mounted with integral hopper over coulter frame, with floatation wheels at the rear. **Pre-coulter tools:** none. **Seed coulters:** six 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. Distributed by Triton UK.

VÄDERSTAD

Seed Hawk Format: three-compartment hopper mounted above folding coulter frame. **Pre-coulter tools:** optional, straight-running trash-cutting disc, pivot mounted, provides residue management with independent hydraulic lift and lowering; slim cultivating tine, fitted with fertiliser placement boot, helps prepare seedbed. **Seed coulters:** offset, shelf-carving knife coulters create a 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

VIKAR

Dynamic C Format: hopper on frame, rear wheels with steering linked to semi-mounted drawbar for sowing in curves. **Pre-coulter tool:** 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	£71,100
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	£75,900
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	£73,000
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	£77,800
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	£80,100
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	£84,900
Dynamic C 7.0	Trailed	7m	28 x 250mm	Two staggered rows	5,300 or 6,800 litres	Seed	7,500kg	£84,200
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	£89,100

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.

WEAVING

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	£42,800
Sabre 4800M	Mounted	4.8m	29 x 172mm	Four separate rows	2,000 litres	Seed	2,800kg	£55,800
Sabre 4800 Front Tank	Mounted	4.8m	29 x 172mm	Four separate rows	2,000 litres	Seed	910kg + 2,400kg	£65,800
Sabre 6000M	Mounted	6m	36 x 166mm	Four separate rows	2,000 litres	Seed	3,200kg	£58,800
Sabre 6000 Front Tank	Mounted	6m	36 x 166mm	Four separate rows	2,400 litres	Seed	950kg + 2,800kg	£68,800
Sabre 6400M	Mounted	6.4m	38 x 166mm	Four separate rows	2,000 litres	Seed	3,300kg	£60,800
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	£80,800
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	£84,800