

 **CTM**
Root Crop Systems



 **ROCKSTAR 2**[®]



'Rockstar2' incorporates technology gained from 66 years of root crop handling and soil separation with the CTM range of machines designed and manufactured in Norfolk ...proven across the UK and beyond.



Rockstar2 features improved drive lines with upgraded input bearings.



Rockstar2[®] De-stoner/ Separators

CTM have designed their new generation Rockstar2[®] de-stoner/ separators to offer much greater flexibility, increased productivity and reduced running costs.

Choose from 1500 or 1700mm bed widths with:

Stars and rear web

4 web

5 web

Web, star, web combinations

CTM have come to the market with a new range that surpasses all other separators, especially with the innovations that come as standard with these superb machines.

Rockstar2[®] Features

HMI console: ergonomically designed to allow operators full control of all machine functions with both visual and graphic displays.

Depth control: large diameter heavy duty roller, with sprung tension and self-adjusting scrapers, continuously monitors and automatically maintains constant digging depth to a preset determined by the operator on the HMI console.

Intake discs: large diameter discs ensure that material is retained within the working width of the machine and assist soil flow onto the digging shares; available in serrated or plain discs.

Digging share: tapered multi elements prevents stones jamming and improves draught; available with stone trap fingers.

Triple sealed and protected star shaft bearings.



HMI console



New sprung tension depth rollers



Digging share with stonetrap fingers



Intake discs



Combination of web, star, web



Easy fit star shaft bearing mount plates



Synchronous belt and grease servicing bank



Hydraulic load sensing



Powered driven scrubber web



Axle legs

Separation: customers may choose all web with either **4 or 5 elements** and various pitches, **8 rows of stars** and a rear web with a choice of star spacing to suit soil conditions, or a combination of **web, star, web** if conditions demand. PU sprockets optional for maximum web life.

Drives: mechanical from tractor PTO and heavy duty synchronous belts to main separation elements, all with clutch overload protection. Hydraulic drive to rear conveyor and scrubber web.

Hydraulics: designed for load-sensing (power on command) supply to ensure efficient operation with savings on fuel consumption and maintain fluid temperature.

Access doors: full panel gas strutted doors allow unrestricted view of drives, hydraulic and electrical units for inspection, service and maintenance.

Scrubber web: a powered variable speed, variable tension and reverse drive gives the operator total control of separation and soil flow through the machine. The reverse drive is particularly useful if heavy clod is encountered.

Axles: independently mounted axle legs ensure unrestricted bed flow under the machine.

Automatic levelling: is achieved with the hydraulically controlled axle legs. This feature retains even digging depth across the bed and working angle regardless of uneven depth of soil in wheeling's. On side hills the machine level may be preset to compensate for field angle and will automatically reverse this angle on end turn-around.

Steering: joystick control operation, at end turns will automatically self centre on entry of next working bed, this auto-centre facility may be manually overridden if required for extreme side hill angles.

Rear stone conveyor: wide web running through large frame apertures prevent blocking. This unit also has auto-reverse on end turns and **NEW** LED road lighting.

Optional Equipment

Bolder box: available for 1.5 and 1.7m machines and allows very large material items to be collected and removed from crop growing area.

Rear view camera: provides operator with wide angle view behind the machine, an invaluable aid when turning on narrow headland restricted by hedges or walls etc. This device also automatically switches to infra-red in low light conditions.

Wheel camera: allows operator to check wheel position with regard to trench and edge of bed. This will prove particularly useful for operators compensating steering on side hills.

Work lamps: may be fitted to illuminate particular areas of the machine (rear conveyor for example). Also beacons.

Lowlink drawer bar: meets continental legislation for road travel, improves machine turning circle and gives the operator additional control of depth.

Air brakes: now available.



Rear stone conveyor



Bolder box



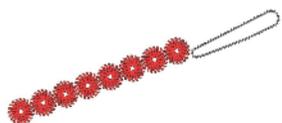
Lowlink drawer bar



Wheel camera



Web/ Star Configuration



8 star - web

Models: 1502
1702



4 web

Models: 1505
1705



web - 3 star - web - star - web

Models: 1506
1706
1556 (long)
1756 (long)



5 web

Models: 1555
1755



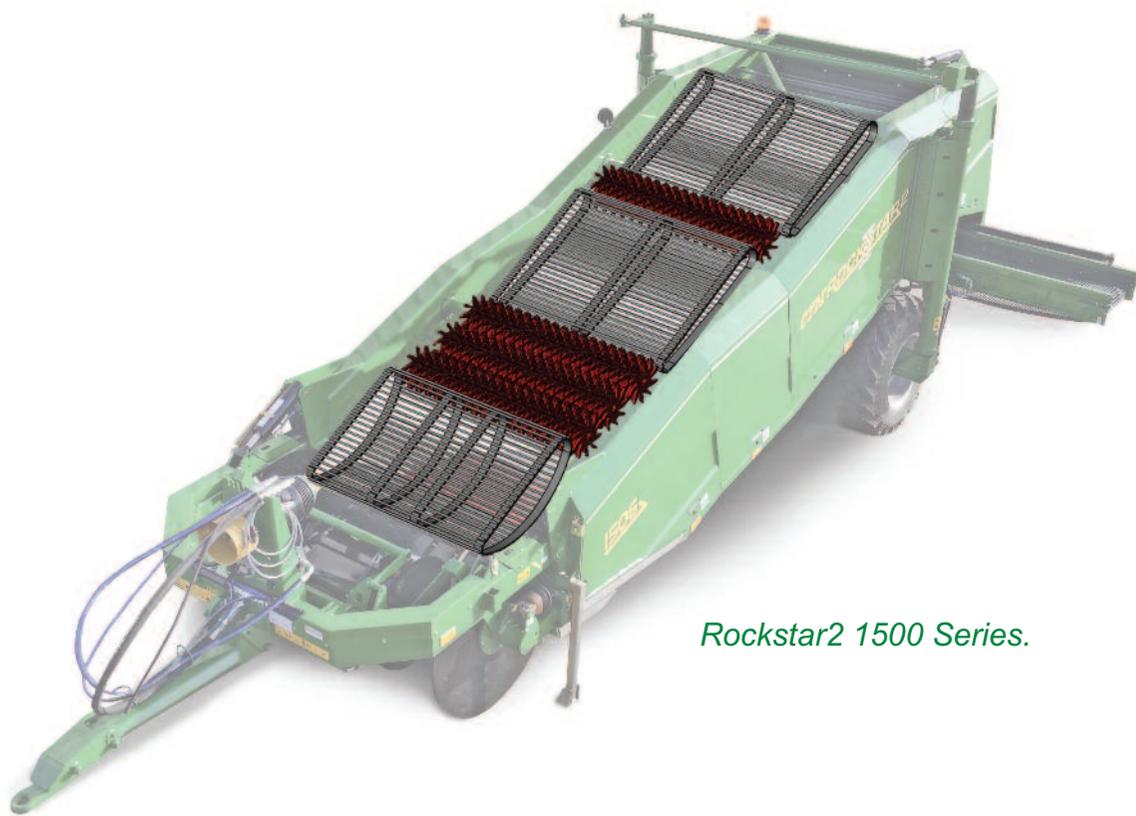
web - 3 star - 3web

Models: 1557
1757



web - 5 star - 2 web

Models: 1558
1758



Rockstar2 1500 Series.



Rockstar2 1700 Series

Long wheelbase Rockstar2 1700 is available with up to 5 webs or 3 webs plus stars and a working width of 1700mm



Ridgestar Advanced Field Ridger

Ridgestar is built to the same high standards and innovation as Rockstar and is designed to produce a wide, flat topped bed with wide ridge bottoms for the placement of stones and clods while leaving space for tractor wheelings.

The bed shape ensures there is the optimum amount of soil available for the following Rockstar prior to planting.

The Ridgestar features a robust, universal tool bar for all models with Cat 3 linkage and hydraulic side markers as standard. Ploughs include depth adjustable stabiliser fins and are available with shear-bolt protection or hydraulic auto reset for non-stop working.

**Available in 2, 3 and 4 body models with shear bolt protection.
Adjustable up to 2.03m and 600mm depth.**

Ridgestar folds to 3m for transportation.

Ridgestar is now available with different mould boards to suit your requirements and soil types: Standard CTM body or new Convex body.

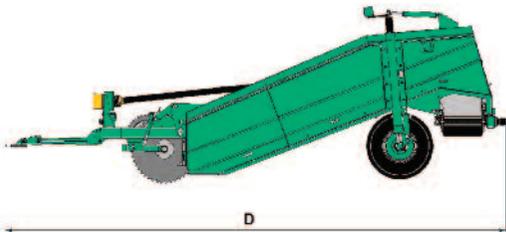
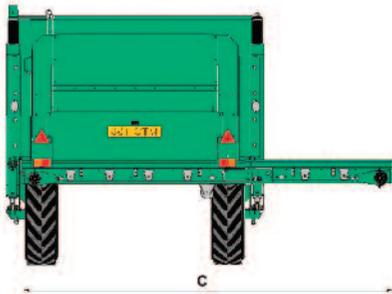
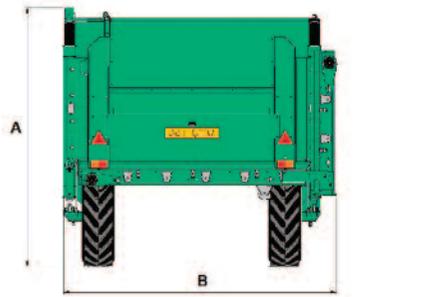


Standard CTM Body



New Convex Body





Technical Specification

Standard specifications (all machines)	1500 series	1700 series
Separating width	1.5m	1.7m
Minimum power requirement	125 hp	
Electrical supply	12v DC negative earth	
PTO speed	540 rpm max	
Tractor hydraulics	75 litres/minute minimum Constant flow max pressure System 200 bar	
Main drives	Toothed belts	
In-cab HMI console	Plus+1tm CAN-based communication	
Depth control	Depth sensing roller, auto-control with manual override	
Shares	Multi piece	
Cross conveyor	Hydraulic variable speed 555mm wide	
Wheel centres	1630mm(64"), 1750mm(68"), 1830mm(72")	1830mm(72"), 1950mm(76"), 2030mm(80")
Wheel steering	Hydraulic 25 degree self centering	
Wheels	12.5/80-18 tractor pattern	
Levelling	Dual hydraulic. Automatic control	
Lighting	Full road lights	
Machine weight	on application	
Machine length (D)	7300mm (+330mm with stone box) or 8180mm (+330mm with stone box) long wheel base	
Machine height - transport position (A)	2500mm or 2690mm long wheel base	
Machine width (B)	2650mm	2850mm
Machine width - incl. conveyor (C)	3600mm	3800mm

Wheels: above dimensions based on standard 18" wheels (20" wheels are an optional extra)



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