

Excellent visibility



GREAT DRIVER VISIBILITY, COMPACT, MANOEUVRABLE

MEGASTAR GEN-2 is easy to drive, with good driver visibility, and easy to handle with its compact dimensions.

The VARI-FLOW web (optional) is speed variable; its purpose is to maintain an even flow of stones and clods on hilly ground.

HYDRAULIC STEERING – HYDRAULIC LEVELLING

Standard equipment includes hydraulic axle steering with self-centring and a position indicator for the driver.

Hydraulic levelling to both left and right sides of the machine is also standard equipment on MEGASTAR GEN-2. This allows the operator to adjust the machine and compensate for undulating ground.

Steering and dual levelling



LOW RUNNING COSTS

Long star life and low running costs are assured by a purpose made star polymer compound known as DUROPOL. Specially developed for the MEGASTAR GEN-2 soil separator, DUROPOL has a high resistance to wear, regardless of soil type, conditions, or operating temperature.

MEGASTAR GEN-2 also features replaceable stainless steel side panels. Low tractor power requirement saves fuel on every field you prepare with your MEGASTAR GEN-2.

High output, high durability and excellent reliability means MEGASTAR GEN-2 helps keep the cost of crop establishment low.

MEGASTAR GEN-2 STANDARD SPECIFICATIONS

Chassis	Strong unitary construction (monocoque)
Sieving width	1500mm-1800mm
Power requirements	90hp tractor, 12v electrics
P.T.O	540 rpm (1 3/8" x 6 splines)
Tractor hydraulics	70 litres/minute minimum constant flow
Main drives	Mechanical, quiet, low maintenance toothed belts
Control console	User friendly in-cab pod
Depth control	Automatic, with in-cab override
Depth sensing	Steel roller
Intake discs	Spring loaded, serrated heavy-duty
Shares	Multi-piece full width
Intake roller	Steel roller behind shares
Star shafts	12-rows DUROPOL polymer stars. 0, 1, 2 or 3 spacers
Separator sides	Replaceable stainless steel side panels
Star formation	ACTIFLOW active stars, spiral spreading formation
Cross conveyor	20mm pitch, hydraulic variable speed, in-cab control
Wheel track	1.5m (60") - 2.0m (80") adjustable
Wheel steering	Hydraulic, 26 degrees, automatic self-centring, in-cab control
Wheels	Steel rims, 11.5/80 x 15.3, 14-ply track grip wheels
Levelling	Left and right, dual hydraulic, in-cab control
Lights	Full road lighting
Length	6.45m* (6.79m with boulder box)
Width, working	4.0m
Width, transport	2.7m
Height	2.3m
Weight	3450kgs* (4040kgs with boulder box)
Shipping dimensions*	Length 6.45m x Height 2.3m x Width 2.3m (cross conveyor removed)

* Standard specification.

MEGASTAR GEN-2 OPTIONAL EQUIPMENT

Drawbar	Hydraulic breakaway in lieu of standard
Wide Diablo	46" (117cm) in lieu of standard
Intake discs	Plain discs in lieu of serrated
Share	Single piece share in lieu of multi-piece
Share frame	Heavy-duty frame in lieu of standard
VARI-FLOW	Variable speed over web, in-cab control
Clod mat	Single bank of rubber clod breakers
Clod mat	Electric in-cab control for single mat
Clod mat	Electric in-cab control for 2 mats connected
Boulder box	Hydraulic opening, in-cab control

Boulder box



STANDEN-PEARSON Potato Systems products include:

BEDFORMER BX Series
 POWAVATOR rotary tillers
 BASELIER hook tine cultivators
 MEGASTAR GEN-2 soil separator
 UNISTAR soil separator
 SP mounted potato planters
 H-600 trailed potato planters
 FM-2 FLAIL TOPPER
 BASELIER potato toppers
 ENTERPRISE potato harvester
 T3 - 3-row potato harvester
 STARSTREAM vegetable harvester
 GALAXY STAR separators
 ROLLER-TABLE separators

STANDEN PEARSON

POTATO SYSTEMS

MEGASTAR GEN-2 COMPACT SOIL SEPARATOR

surprising performance, low operating costs,
reliable, proven technology

STANDEN-PEARSON MEGASTAR GEN-2



Your STANDEN-PEARSON dealer

STANDEN PEARSON

POTATO SYSTEMS

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STANDEN ENGINEERING LTD has a policy of continuous product development and reserves the right to make changes to specifications, prices or equipment without prior notice.

PROVEN TECHNOLOGY, LOW OWNERSHIP COSTS

Low costs



STANDEN-PEARSON MEGASTAR GEN-2

LOW RUNNING COSTS, COMPACT, EASY TO USE

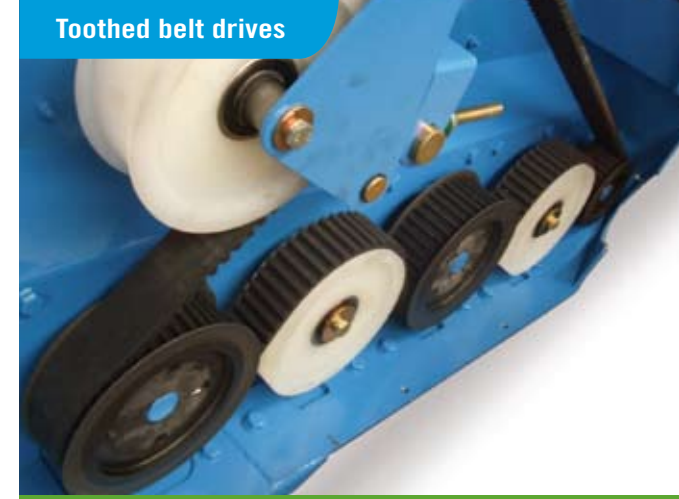


TOOTHED BELT POSITIVE DRIVES

Smooth and quiet, toothed belts provide reliable low-maintenance drive to star shafts, thereby keeping running costs to a minimum. Toothed belt drive also keeps the area under the access doors clean and free from grease.

LARGE ACCESS DOORS

MEGASTAR GEN-2 features a high strength welded one piece monocoque (unitary) chassis. Large access doors provide excellent access to all areas for maintenance and adjustments. MEGASTAR GEN-2 is easy to work on; access doors are held open by pressurised gas strut supports.



MEGASTAR GEN-2 SURPRISING OUTPUT, LOW MAINTENANCE, COMPACT MACHINE



With its well proven Star Technology, MEGASTAR GEN-2 is an outstanding performer in the field. Designed to give you superior output through active separation and great manoeuvrability in the field. MEGASTAR GEN-2 gets more done in a day.

Low running costs result from its tough, positive drive toothed belt system, and less downtime due to fast easy access to all systems for maintenance.

High forward speeds bring a huge capacity potential to growers, without compromising bed quality.

STRONG SHARES – LARGE INTAKE DISCS

High strength shares and large diameter serrated intake discs work efficiently with an intake assisting rotating steel front roller, feeding soil clods and stones smoothly into the machine.



AUTOMATIC DEPTH CONTROL

Share working depth is controlled by electric sensors with depth sensing by a POSI-DRIVE Diablo roller, ensuring even bed depth across your fields. The POSI-DRIVE Diablo roller also assists the smooth feed in of material into the machine.



ACTIFLOW - ADVANCED STAR TECHNOLOGY

ACTIFLOW is unique; a patented system of stars with alternate long fingers arranged in a spiral configuration. As soil and stones feed on to the star bed, 12 rows of ACTIFLOW stars move soil, clods and stones away from the centre of the machine towards the outsides, then back again, repeating the process through the machine. This highly efficient system makes best use of the separation area available for maximum performance, with no 'dead' spots or wasted areas.



HIGH PERFORMANCE – QUALITY BEDS

Active star separation produces high quality, evenly structured beds of well mixed fine soil and small stones. Ideal conditions for planting into; providing good drainage, and the best growing conditions for your crops.

Because ACTIFLOW stars actively distribute soil across the full width of the machine, all of the star bed is used efficiently. This enhances output and separation to make the most of the soil available.

A choice of star spacing makes MEGASTAR GEN-2 ideal for seed, early or main crop potatoes, carrots and many other crops.

MEGASTAR GEN-2 - SEPARATES and CULTIVATES

Efficient soil crumbling and effective cultivation is achieved by the hard wearing DUROPOL stars as part of the separation and soil conditioning process.

An electric control console mounts in tractor cab for easy operation of major functions.

