

SUMO TRIO



**THE UK'S NUMBER 1
SELLING ONE-PASS
CULTIVATOR**



MOUNTED TRIO



Disc to cultivate and mix

Subsoil down to 400mm

Multipack consolidates to leave weatherproof finish

The SUMO TRIO is a unique machine designed and manufactured in Britain, comprising, as its name suggests, of three parts each of these tuned to comprehensively create a seedbed in one pass.



Over 1000 Trios now cultivating the world.

FIRSTLY

The ultra-low draught, shearpin-protected subsoiler legs are mounted in a staggered pattern on a heavy duty toolbar. Adjusting to a maximum depth of 400mm (at the point) via pins and featuring quick change points and leg wear protectors.



"Best tool we've bought for years without a doubt, I've never drilled into seedbeds like I have this year, first class!"



Unique system allows full leg breakback without hitting discs.

| MODEL | WORKING WIDTH | TRANSPORT WIDTH | SUBSOILER LEG | LEG SPACING | TYPE | HP |
|--------------|---------------|-----------------|---------------|-------------|-------|-----------|
| trio 2.5 | 2.35 m | 2.6 m | 4 | 625 mm | Rigid | 120 - 190 |
| trio 2.5 A/R | 2.35 m | 2.6 m | 4 | 625 mm | Rigid | 120 - 190 |
| trio 3 | 3.0 m | 3.25 m | 6 | 500 mm | Rigid | 140 - 300 |
| trio 3 A/R | 3.0 m | 3.25 m | 6 | 500 mm | Rigid | 140 - 300 |
| trio 3.5 | 3.35 m | 3.6 m | 6 | 585 mm | Rigid | 200 - 350 |
| trio 3.5 A/R | 3.35 m | 3.6 m | 6 | 585 mm | Rigid | 200 - 350 |



SECONDLY

A removable, double row of concave discs mounted in pairs on independently suspended arms giving a shock-proof durable system with quality greasable low maintenance triple sealed bearings.



Double mounting gives unrivalled performance when working in adverse conditions.

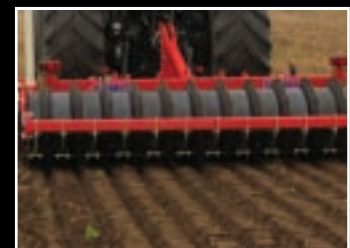


The disc frame is easily detached from the frame via bolts; this allows the Trio to be used as a shallow subsoiler with low surface disturbance, ideal for subsoil sowing oilseed rape.



THIRDLY

The patented Multipacka is uniquely designed to fulfil a number of criteria, comprising, 609mm x 10mm tube mounted on heavy duty quality bearings fitted with notched cutting/drive rings to keep turning in arduous conditions, giving a total diameter of 800mm. The ring shoulders feature a convex shape adjacent to the barrel, creating consolidation and cracking even on the top of the ridge.



All these features make a packer which presses and firms to a higher quality with a lower power requirement than any other packer available.



SUMO TRIO TRAILED

From stubble to seedbed
in one pass for 85%
of owners.



Photo shows a machine with a seeder fitted kit.

RIGID TRIO TRAILING KIT

The 3.0m and 3.5m now have the facility for conversion to trailed format. This is achieved via the addition of a drawbar which pins onto the standard cat3 linkage. A hydraulic ram with depth adjustment via shims lifts the machine out of work.

The trailing chassis mounts to the Trio frame by four bolts with the 480mm wide tyres positioned at the rear.



DISC-SPEC AND TYRE OPTIONS

The Disc-spec has been developed to add an extra element to the trailed Trio, this involves the addition of 2 gangs of 600mm discs arranged in a V formation. These discs are incorporated in the drawbar which pins to the three point linkage.

Due to the conversion to a trailed format, either the tyre packer or trailing kit is required. The Tyre packer is available as an option on all mounted and Trailed Trio, the tyres are all rubber filled, eliminating the chance of having a puncture.





TRIO DRILL SPEC

Available as a mounted 3.0m machine, the Trio Drill-spec is the ultimate single pass machine incorporating not only the proven cultivation ability of the Sumo Trio but also a drilling element. The machine utilises a purpose built front hopper which, through electronic metering, feeds seed into the transfer pipe which is then hydraulically blown to the distribution head mounted on the Trio frame.



This then dispatches seed down to the tube coulters which run in the shadow of the rear sets of discs leaving the seed to be covered by the ridge left by the Multipacka.

SUMOSEEDER

Fitted to a Trio the Sumoseeder enables one pass establishment of OSR directly into stubble greatly reducing the cost of production without compromising seedbed quality.

- In cab variable seed rate adjustment.
- Radar for accurate speed measurement.
- Twin electric fans supplying individual air for each row.
- Push button calibration procedure.
- The Sumoseeder comes with a fitting kit which includes rear steps, seeder bar, seeder mounts and sensor mounts.
- 6 adjustable seed outlets to allow band or full width sowing mounted in front of the packer.
- Electronic hopper low level sensor with cab alarm.
- 120 litre hopper with pivoting lid.
- Integrated calibration tray
- large twin sight glasses to monitoring contents at a glance.
- Forward speed display.
- Work rate display.
- Areameter.



This picture shows OSR from two neighbouring fields, both heavy land, one sown with a Trio at full depth 14", the other min-tilled and drilled conventionally, the very small plants are from the drill tractor wheelings.

HYDRAULIC AUTO-RESET 2.5 3.0 & 3.5 TRIO

The auto-reset Trio is designed to allow the Trio to be used on land where a shear-pin machine is uneconomical.

It utilises a patent-applied-for slotted arc design that allows the point to move in an arc rearward and upward to clear the obstacle.

This unique design retains the same overall dimensions of the shearpin Trio, allowing its parts to function as successfully.



TRAILED TRIO



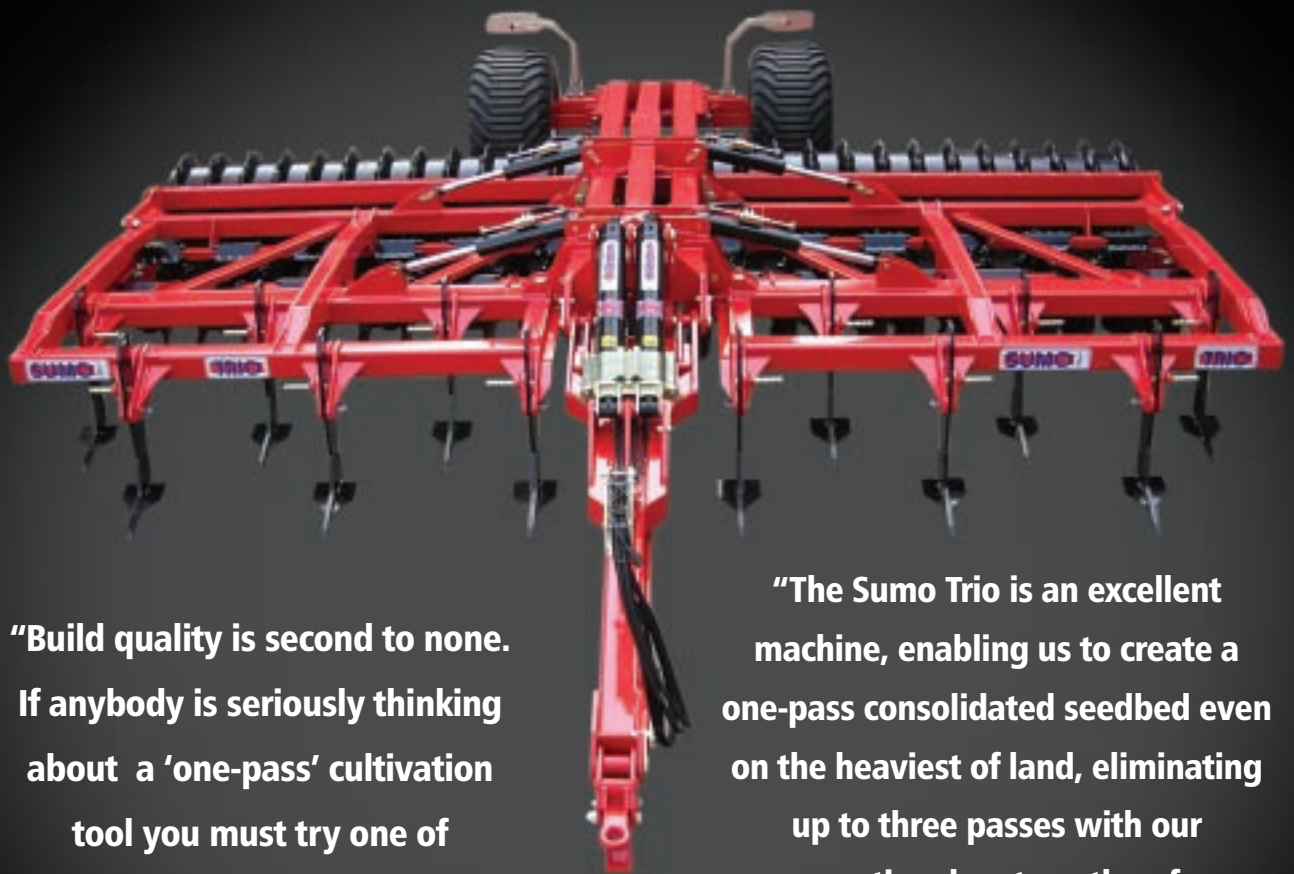
The Trailed Trio has the main working parts and specification as the mounted Trio with the additional features:

- At the front is the Sumo level-hitch drawbar, designed to keep the towing eye parallel to the ground at all times, greatly reducing pin/hitch wear.
- The main frame is the familiar Sumo tri-box design - giving strength and rigidity for a trouble free working life.
- At the rear is a heavy-duty 10 stud braked axle fitted with 600mm wide flotation tyres, quality Rubbolite lights are also fitted as standard.
- The above features make the trailed Trio a very heavy duty, one-pass stubble cultivator that is capable of handling 600 horsepower, with a weight of approximately 2 tonnes per metre, giving unrivalled cultivating and packing creating a machine where no corners have been cut.

Options for the trailed Trio are: auto-reset legs, front disc units (4.0m & 4.5m only) and tyre packers.

- Pin adjustment on subsoiler legs.
- Slice adjustment on front ram.
- Pin adjustment on packer.





“Build quality is second to none. If anybody is seriously thinking about a ‘one-pass’ cultivation tool you must try one of these machines”

“The Sumo Trio is an excellent machine, enabling us to create a one-pass consolidated seedbed even on the heaviest of land, eliminating up to three passes with our conventional system, therefore substantially reducing costs”



Pin adjustment on packer



Slide adjustment on front ram



Pin adjustment on subsoiler legs



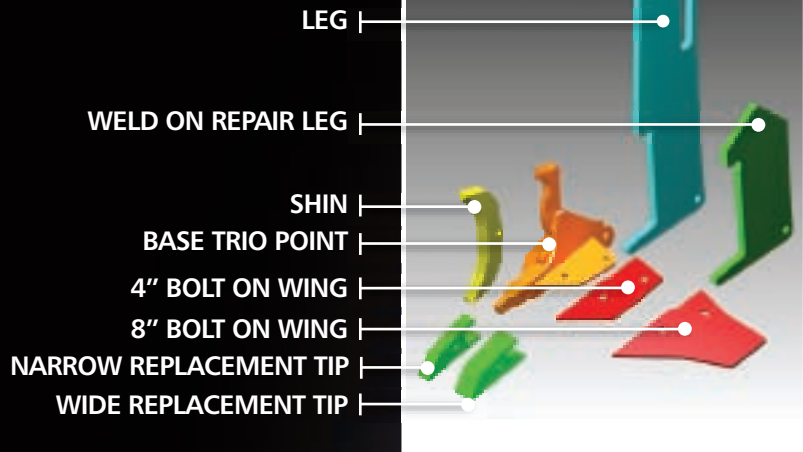
| MODEL | WORKING WIDTH | TRANSPORT WIDTH | SUBSOILER LEG | LEG SPACING | TYPE | HP |
|-----------------|---------------|-----------------|---------------|-------------|-------------|---------|
| tr trio 4.0 | 4.1 m | 3.0 m | 7 | 570 mm | Hyd Folding | 250-350 |
| tr trio 4.0 A/R | 4.1 m | 3.0 m | 7 | 570 mm | Hyd Folding | 250-350 |
| tr trio 4.5 | 4.6 m | 3.0 m | 9 | 500 mm | Hyd Folding | 280-400 |
| tr trio 4.5 A/R | 4.6 m | 3.0 m | 9 | 500 mm | Hyd Folding | 280-400 |
| tr trio 5.5 | 5.6 m | 3.0 m | 11 | 500 mm | Hyd Folding | 350-450 |
| tr trio 5.5 A/R | 5.6 m | 3.0 m | 11 | 500 mm | Hyd Folding | 350-450 |
| tr trio 6.5 | 6.6 m | 3.0 m | 13 | 500 mm | Hyd Folding | 450-600 |
| tr trio 6.5 A/R | 6.6 m | 3.0 m | 13 | 500 mm | Hyd Folding | 450-600 |



Optional Ball Hitch

WEARING PARTS

Sumo invest heavily in research and development, with the aim of making wearing parts longer lasting and user friendly.



SAVE FUEL & REDUCE YOUR CARBON FOOTPRINT

Farmers who use the Sumo Trio consume far less fuel to establish their crop.

This has a big effect on overall profitability, while also vastly reducing the carbon footprint, due to the double benefit of low fuel consumption and less carbon dioxide release from not inverting the soil. Just one Trio used in the place of a plough on 200ha over one year would offset the whole of the Co² produced in the Sumo factory in three years.



RASE AWARD

As well as being the market leader, the Sumo Trio is an award winning machine after receiving a silver medal in the Royal Agricultural Society of England's machinery awards scheme.

The award recognises the implement's capabilities, quality and value, being based on farmer feedback.



SUMO

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