

SUMO TRIO

THE UK'S NUMBER 1 SELLING ONE-PASS CULTIVATOR



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www.sumo1.com

MOUNTED TRIO

Multipacka consolidates to leave weatherproof finish

Discs to cultivate and mix



Subsoiler legs loosen down to 400mm

The innovative design of the soil retainers allows them to swing in when the Trio is raised out of work, giving a narrower transport width

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 2500 Trios now cultivating worldwide

FIRSTLY

The legs are designed with either hydraulic auto-reset or shear pin protection. The ultra low draft subsoiler legs are mounted on a heavy duty frame with a forward stagger of 350mm. Leg spacing on the 2.5 and 3m models is 500mm, 587mm on the 3.5m model, allowing for trash flow. Adjusting to a maximum depth of 400mm (at the point) via pins and featuring quick change points. The auto reset rams are double acting, allowing the legs to be retracted when the machine is in transport.



Unique system allows full leg breakback without hitting discs.

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

MODEL	WORKING WIDTH	TRANSPORT WIDTH	SUBSOILER LEG	MACHINE WEIGHT	LEG SPACING	TYPE	HP
Trio 2.5 S/P	2.4m	2.55m	5	2468kg	500mm	Rigid	120 - 190
Trio 2.5 A/R	2.4m	2.55m	5	2515kg	500mm	Rigid	120 - 190
Trio 3 S/P	2.9m	3.0m	6	2795kg	500mm	Rigid	140 - 280
Trio 3 A/R	2.9m	3.0m	6	2855kg	500mm	Rigid	140 - 280
Trio 3.5 A/R	3.4m	3.5m	6	3070kg	587mm	Rigid	180 - 300



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.



Paired discs on a single mount give 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 on Mounted Trios is based on a 510mm barrel with bolted replaceable shoulders, with a positive drive kit to give the packer extra ground contact ensuring it will turn in all weather conditions. The positive drive kit gives all the benefits of a 800mm packer. Tried and tested ring shoulders feature a convex shape adjacent to the barrel, creating consolidation and cracking even on top of the ridge.



TRAILED RIGID TRIO

FROM STUBBLE TO
SEEDBED IN ONE PASS
FOR 85% OF OWNERS.



The 3.0m and 3.5m Trios are available as a Trailed Rigid machine.

MODEL	WORKING WIDTH	TRANSPORT WIDTH	SUBSOILER LEG	LEG SPACING	TYPE	HP
Trio 3 Trailed A/R	3.0 m	3.25 m	6	500mm	Rigid	175 - 325
Trio 3.5 Trailed A/R	3.5 m	3.75 m	6	583mm	Rigid	200 - 350
Trio 3 Trailed C/W Front Discs A/R	3.0 m	3.25 m	6	500mm	Rigid	200 - 350
Trio 3.5 Trailed C/W Front Discs A/R	3.5 m	3.75 m	6	583mm	Rigid	200 - 390

OPTIONS INCLUDE

- Front discs.
- Sumoseeder c/w fitting kit.
- Foam filled tyre packer.
- If required, either front or secondary discs - or auto-reset legs - can be removed.



SUMOSEEDER

Over the last ten years, Trio seeding OSR has become the norm rather than the exception on many UK farms. This has resulted in a large percentage of the UK's OSR being established in one pass, saving both time and money, along with the added bonus of moisture retention and more often than not a welcome yield benefit.



Sumoseeder cover



Typical Trio Seeded Oilseed Rape

"Having established our OSR using a Trio and seeder for two years now, I have to say we have never had such strong forward crops going into Winter"



The Sumoseeder will fit to the back of virtually all of our cultivation range to provide the application of a large variety of products from small seeds like OSR or mustard to micro-granule fertilisers, slug pellets or Avadex.

Featuring the new Sumo ORGA (patent applied for) metering system for very accurate and even product flow regardless of density or consistency, with simple design and easy access for calibrating, emptying and cleaning.

- 180ltr hopper capacity.
- Modular design 6-12 outlet distribution head for 2.5 to 6 metre working widths.
- Each extra distribution head outlet is supplied with relevant piping, outlets and brackets.
- Adjustable seed outlets allowing band or full width application.
- Radar controlled speed measurement.
- RDS Wizard controller.
- Twin electric fans.



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.

"Our OSR established using a Sumoseeder on a 4m Sumo Trio is so impressive I have ordered a second outfit."

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 up to 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.

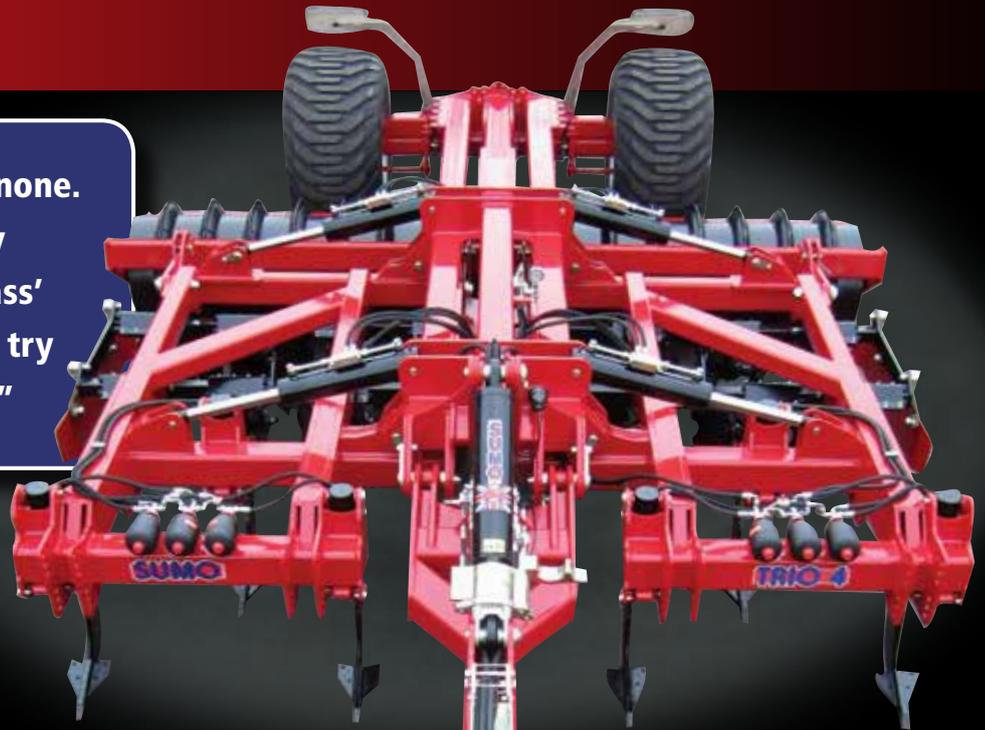


- Pin adjustment on subsoiler legs.
- Slice adjustment on front ram.
- Pin adjustment on packer.

Options for the trailed Trio are: auto-reset legs, and tyre packers.

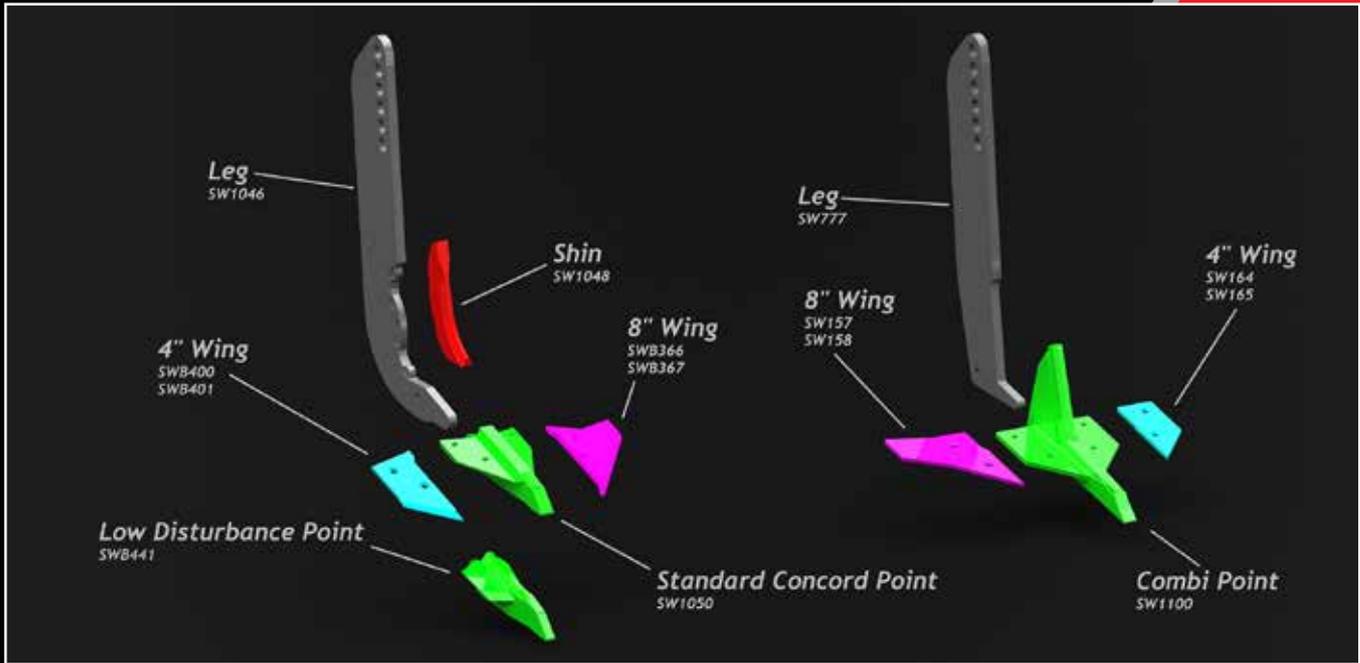
MODEL	WORKING WIDTH	TRANSPORT WIDTH	SUBSOILER LEG	LEG SPACING	TYPE	HP
TR Trio 3.5 S/P	3.5 m	3.0 m	7	500 mm	Hyd Folding	225-390
TR Trio 3.5 A/R	3.5 m	3.0 m	7	500 mm	Hyd Folding	225-390
TR Trio 4.0 S/P	4.1 m	3.0 m	7	570 mm	Hyd Folding	260-400
TR Trio 4.0 A/R	4.1 m	3.0 m	7	570 mm	Hyd Folding	260-400
TR Trio 4.5 S/P	4.6 m	3.0 m	9	500 mm	Hyd Folding	300-450
TR Trio 4.5 A/R	4.6 m	3.0 m	9	500 mm	Hyd Folding	300-450
TR Trio 5.5 S/P	5.6 m	3.0 m	11	500 mm	Hyd Folding	360-500
TR Trio 5.5 A/R	5.6 m	3.0 m	11	500 mm	Hyd Folding	360-500
TR Trio 6.5 S/P	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

**"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"

WEARING PARTS



Here at Sumo we invest heavily in research and development, with the aim of making our wearing parts longer lasting and user friendly. Due to the increasing popularity of utilizing tungsten to extend the life of earth wearing parts we have invested in the technology to allow us to fit tungsten carbide tiles in house ensuring consistent quality of not only the tungsten but also the brazing of the tiles.

With the ever increasing popularity of establishing Oilseed Rape in a single pass, we have launched a new point designed specifically to carry out this task.

The 'LD' point, pictured here, alongside the standard point, gives Oilseed Rape cultivation a boost in efficiency, speeding up post-harvest work. The one piece, cast LD point is designed to lift the soil structure to alleviate any compaction whilst creating minimum surface disturbance, therefore reducing the possibility of rogue weed seeds chitting.

By fitting Sumo genuine parts you can be sure your machine performs to its full potential, ensuring it does the job it was designed to do.

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.



SUMO

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YOUR SUMO DEALER

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