



GROWING WITH YOU

LDS

LOW
DISTURBANCE
SUBSOILER



www.sumo1.com / info@sumo1.com / 01759 319 900

Move from Trio to true
min-till with the Sumo LDS.



The UK's leading low disturbance subsoiler.

Move towards a zero-till crop establishment system using the UK's first Low Disturbance Subsoiler. This machine alleviates subsurface compaction with minimal surface disturbance which significantly reduces grassweed germination. **Farming in this way is proven to lower input costs, create a soil environment well-suited to strong yields, and protects the environment from carbon loss.**

The LDS Low Disturbance Subsoiler offers cost savings through labour, fuel, crop inputs and machine wear and tear, and a better bottom line as a result of improved soil structure and improved yields.

It can also be used as a one-pass drill with the addition of seeder and SDO Single Disc Opener accessories - ideal for cover cropping and oil seed rape crop establishment due to the zonal strip-till design and 500mm row spacings.

Model pictured: **LDS 4 F**



Agronomic benefit of each working part of the machine.

FRONT CUTTING DISCS

A 18" straight serrated leading disc initiates a rip line for the following leg, ensuring a clean entry which substantially reduces the germination of grassweeds. This method reduces the reliance on chemical treatments that are leached into watercourses, as by removing competition, young crops can establish more vigorously.

LOW DISTURBANCE LEGS

Working down to 350mm if needed, low disturbance legs and points offer full width lift and pan shatter with minimal surface disturbance. Lifting the soil lets air flow into the root zone while effective pan shatter offers excellent root development, aids water infiltration, better nitrogen uptake, and limits run off, leaving a soil environment that holds its biodiversity.

PACKER ROLLER

At the back of the LDS our Flat Packer comes as standard. This packer leaves an aerated, consolidated and level finish.

The fins ensure surface aeration and surface penetration of water, as well as turning the packer to stop soil smear. This packer closes up the surface after the legs to leave the soil largely undisturbed.

LDS SPECS

| PRODUCT SPECIFICATION | MOUNTED LDS 3 F | MOUNTED LDS 3 R | MOUNTED LDS 3 M | MOUNTED LDS 4 F | MOUNTED LDS 4 R | MOUNTED LDS 4 M |
|-----------------------|-----------------|-----------------|-----------------|-------------------|-------------------|-------------------|
| Code | LDS3FAR | LDS3RAR | LDS3MAR | LDS4FAR | LDS4RAR | LDS4MAR |
| Working Width | 3.0m | 3.0m | 3.0m | 4.0m | 4.0m | 4.0m |
| Transport Width | 3.1m | 3.1m | 3.1m | 2.9m | 2.9m | 2.9m |
| Subsoiler Leg | 6 | 6 | 6 | 8 | 8 | 8 |
| Leg Spacing | 500mm | 500mm | 500mm | 500mm | 500mm | 500mm |
| Packer Type | Flat | Rings | Multipacka | Flat | Rings | Multipacka |
| Disc Diameter | 500mm | 500mm | 500mm | 500mm | 500mm | 500mm |
| Type | Rigid | Rigid | Rigid | Hydraulic folding | Hydraulic folding | Hydraulic folding |
| Weight | 2170kg | 2450kg | 2450kg | 3085kg | 3315kg | 3315kg |

| PRODUCT SPECIFICATION | MOUNTED LDS 5 F | MOUNTED LDS 5 R | MOUNTED LDS 5 M | TRAILED LDS 5M | TRAILED LDS 6M |
|-----------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Code | LDS5FAR | LDS5RAR | LDS5MAR | LDS5TM | LDS6TM |
| Working Width | 5.0m | 5.0m | 5.0m | 5.0m | 6.0m |
| Transport Width | 2.9m | 2.9m | 2.9m | 2.9m | 2.9m |
| Subsoiler Leg | 10 | 10 | 10 | 10 | 12 |
| Leg Spacing | 500mm | 500mm | 500mm | 500mm | 500mm |
| Packer Type | Flat | Rings | Multipacka | Multipacka | Multipacka |
| Disc Diameter | 500mm | 500mm | 500mm | 500mm | 500mm |
| Type | Hydraulic folding | Hydraulic folding | Hydraulic folding | Hydraulic folding | Hydraulic folding |
| Tyre Size | - | - | - | 600/50-22.5 | 600/50-22.5 |
| Weight | 3645kg | 3990kg | 3990kg | 10300kg | 11150kg |



GROWING WITH YOU



Sumo Farm Machinery

Redgates

Melbourne

York

YO42 4RG

United Kingdom