

Serafin DOUBLE DISC SEEDER RANGE



Serafin
MACHINERY

NO-TILL SPECIALISTS

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Serafin **TLS** LINKAGE BAR



Simple, versatile and price competitive, the **TLS range of linkage seeders** is a great choice for use in row crop and broad acre farming. The versatile design and configuration of the machine allows it to suit your specific requirements.

Whether it be a fixed or folding frame, coupled with a front mounted or towed behind air cart or by itself, in sizes ranging from 5.5m up to 12m, we can customise its design so there are no compromises for you.

All frames are fully powder coated and are made to last, so you know it is great value for money.

The TLS is popular with row crop farmers due to its ability to have the units setup with the same pressure at the bottom of the furrow as at the top of the bed, thus always maintaining a uniform seeding depth.

Having a transport width of 3m for the folding frames up to 8m means getting it around is a breeze.

The row units handle rocky conditions, have exceptional trash flow and can work in sticky conditions. Row spacing on the TLS range from 155mm out to 330mm so whether you are looking for a machine to renovate pastures, sow winter cereals, plant rice in row crop or even inter row canola on beds, the TLS can handle it all.

- ◆ **Manoeuvrable and easily transported**
- ◆ **Low maintenance units with good accessibility**
- ◆ **Very simple and strong design**
- ◆ **Great for row crop systems**

Features	TLS LINKAGE RANGE
Sowing Width	3m – 12m as linkage and 9m – 12m as a trailed model.
Row Spacing	155mm to 330mm.
Transport Dimensions	Up to 8m folding frame = 3m transport width, over 8m folding frame = 4.8m transport width.
Type of Row Units	Tatu double disc unit with long triple spring, cast closing wheel and internal + external scrapers.
Frame	200 x 200 x 9.5mm fully powder coated frame, fully supported and reinforced.
Depth Control	Depth ring on side of double disc, sizes vary from 15mm, 25mm (std), 40mm and 60mm.
Weight	Dependent on number of row units and width. Approx 140kg per row average.
Optional Extras	Diffusers, air distribution kits, tow bars for trailing air carts, front mounted air boxes.
Tractor Requirements	Dependent on row units, size and tractor ballast, eg. 8m with 32 rows require approx 250hp.

Serafin **PASTURE KING**



When versatility and manoeuvrability is key it is hard to go past Serafin's new **Pasture King** double disc seeder range. Based on the extremely popular single disc narrow fold concept, this machine suits those with undulating ground, rocky conditions or those wanting to sow along contours.

The double disc units have been proven to handle large amounts of trash and they also thrive on sowing through existing pastures. Couple that with a narrow row spacing of 155mm upwards and it's extremely accurate seed placement, all results in this being the King of Pastures. They also have the ability to sow into cattle compacted hard ground or soft sandy soils adding to its flexibility.

The frame has been designed with strength, manoeuvrability and weight distribution in mind. This is achieved by single row mounted units creating a shorter machine and less weight on the tractor linkage. And with a transport width of under 3.5m, that means no escort!

Don't be fooled by the name though. This machine is much more than just a pasture renovator. It can handle sowing on beds (great for canola in the HRZ), in row crop for sowing rice, or on wider row spacing for a broad acre seeder to sow your winter cereals.

The Pasture King is the true all-rounder.

- ◆ **Extremely accurate seed placement**
- ◆ **Simple to operate and maintain**
- ◆ **Exceptional stubble handling ability**
- ◆ **Outstanding ground following**

Features	PASTURE KING RANGE
Sowing Width	5m – 7m.
Row Spacing	155mm to 330mm.
Transport Dimensions	Width = 3m, Height = starting at 3.5m.
Type of Row Units	Tatu double disc unit with long triple spring, cast closing wheel & internal + external scrapers.
Frame	200 x 200 x 9.5mm wing frame with 200 x 100 x 9.5mm chassis, fully powder coated. Hydraulic rolling bar for spring down pressure.
Depth Control	Depth ring on side of double disc, sizes vary from 15mm, 25mm (std), 40mm and 60mm.
Weight	Dependent on row units and size, eg. 6m with 36 rows and Gason 1230 air box = approx 6t.
Air Box Specification	Gason 1230IM, 3,200L 2 bin with 50/50 split, Variable rate, Farmscan 7500 controller.
Optional Extras	Air diffusers, separate 380L small seeds / pasture box, rear tow hitch for liquid carts etc., blockage monitors, ISO controller, Eagle E15 monitor instead of Farmscan 7500.
Tractor Requirements	Dependent on row units, size and tractor ballast, eg. 6m with 36 rows require approx 150hp.

Serafin LINKAGE COMBINE

TLS-C



New to Serafin's is the **TLS-C Linkage Combine range**. Based on a similar design as the TLS which runs as an air seeder, the TLS-C is perfect for the farmer looking for a simple, price competitive, fully self-contained machine or for those in the far north, where humidity is a factor.

These units are fully custom built to your specifications and can either be fitted with standard steel boxes, stainless boxes, hydraulic drive or ground drive, even setup to run through the ISO screen of your John Deere tractor. Pasture boxes are optional and all machines run our proven Baldan metering systems.

The row unit can handle a wide variety of soil types and sowing conditions and really excels in row crop. The row unit pressure can be set so that it is consistent in the bottom of the furrow and the top of the bed, giving a consistent seed depth across the plant lines.

The sowing widths and row spacing is very flexible and will depend on the lifting capacity of your tractor. Row spacing starts at 155mm and goes up to 330mm. Box capacity is also flexible and we can even supply seed-only machines. So if you have a special application talk to us about how we can design a machine for you.

◆ **Fully customised to your specifications**

◆ **Simple, cost effective and easy to use**

DOUBLE DISC ROW UNIT SPECIFICATIONS

Features	TATU DOUBLE DISC ASSEMBLY
Cutting Disc	Two 15" x 4mm, offset - this provides leading edge for better penetration and less hair pinning.
Cover Wheel	Cast closing wheel, adjustable - provides great seed to soil contact, effectively closing the slot in all conditions.
Depth Control	Steel Depth Ring mounted on side of disc, sizes available are 15mm, 25mm, 40mm and 60mm - seed depth is controlled individually at point where seed is placed, resulting in a very accurate and consistent seed depth.
Spring Assembly	Long triple spring with adjustable top clamp - allows for unbeatable ground following and ability to have even pressure.
Disc Hub	Two high quality taper roller bearings per disc hub with dust seals.
Scrapers	Internal & external scrapers - this allows for the unit to operate in muddy or sticky conditions.

