KRM

Strip-Till

- 50cm & 75cm models available
- Rigid 3m & Hydraulic fold 6m versions

KRM Falc

The benefits of both no-till and conventional tillage in a single pass!

No-till benefits

Through implementing a strip-till regime, many of the benefits of no-till farming are achieved. Leaving a large portion of the field uncultivated reduces the number of passes; resulting in less compaction of the seedbed. Disturbing less of the soil surface also reduces competition from weeds and volunteers. As most of the soil surface remains covered, often with either a grass sward or a cover crop, weeds are suppressed and the land can be useful for a longer period such as for grazing post harvest.

Conventional tillage benefits

The tilled strip is worked at depth with the leading ripper tine while a fine tilth is created at the soil surface. This ensures the seeds are sown into optimal conditions for good, even germination and root development. Moving the soil improves the flow of water, reducing the risk of both drought and flooding. Tilling the soil improves aeration and mineralisation, and darkening the colour promotes soil warming ahead of planting.

Reduce Costs

By only tilling the area where the crop is to be grown, cost savings are achieved through reduced power requirement resulting in reduced fuel consumption as well as a reduction in wearing metal.

Improved travelling

With up to 70% of the soil surface remaining undisturbed, a firm surface is maintained which is better able to support tractors carrying out subsequent operations such as crop maintenance. Or in the case of forage maize, the harvester, tractors and trailers which, in a wet autumn can, often cause considerable damage to soil structure.

Increased capacity

Depending on the situation either a wider machine can be used with the same tractor or a strip-till & seed drill combination can be used increasing output in what can often be a tight drilling window.

Strip-Till

1. A leading tine breaks the soil surface, these are height adjustable (15-25cm) depending on the required working depth.

2. Powered rotary tiller blades create a tilth working at between 15 and 25cm depending on crop requirements.

3. Hydraulic depth adjustment comes as standard on rigid versions and is optional on folding models.

4. The segmented rear roller consolidates the tilled strip, providing excellent consolidation ready for sowing.

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3000/500/6

Built to till 6 strips at 50cm spacings, this 3m machine is suitable for a variety of crops such as maize, sugar beet and oil seed rape.

3m models come as standard with gearbox oil cooling and hydraulic depth setting for years of simple, reliable operation.

No of Rows	6
Row Spacing	500mm
Power Requirement	130-220hp
Weight	2770kg

Strip-Till

3000/750/4

The 3000/750/4 is a 3m wide machine for tilling four rows at 75cm spacings.

Both mounted models can be fitted with a rear drill linkage allowing one pass operation for increased efficiency. The linkage is raised and lower hydraulically allowing the drill to “piggyback” the strip-till to bring the weight forward during transport for improved stability. An existing drill can be used or KRM are able to supply suitable precision planters for this application.

No of Rows	4
Row Spacing	750mm
Power Requirement	130-220hp
Weight	2500kg

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6000/500/12

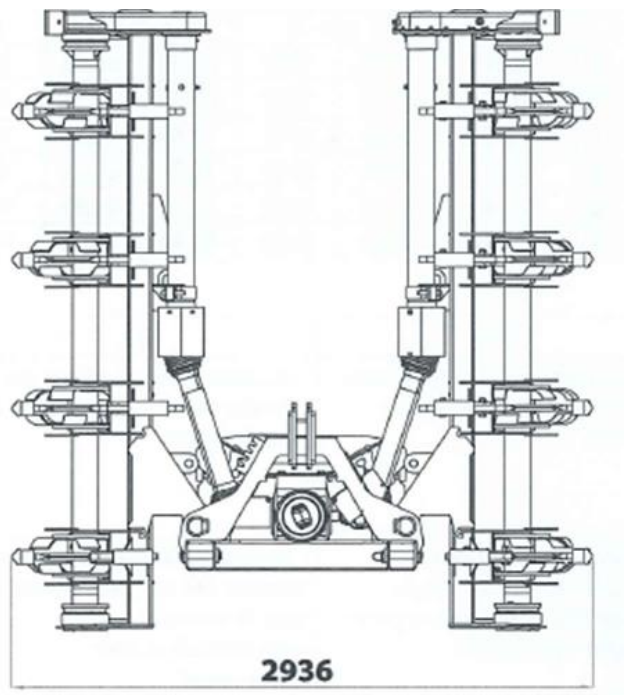
Running an wider, 6 meter Strip-Till as a separate pass in front of a precision planter achieves very high daily work rates, ideal for contractors with large areas to cover in a tight window.

The two 3m beds can be locked in a fixed position or allowed to float for improved contour following on undulating ground. The simple pin and slot design is robust and easy to use.

No of Rows	6
Row Spacing	500mm
Power Requirement	250-400hp
Weight	4760kg

Strip-Till

6000/750/8



Both 6m models fold to under 3m for transport, a pair of check valve protected hydraulic rams fold the machine while another ram locks the machine in the folded position.

No of Rows	8
Row Spacing	750mm
Power Requirement	250-400hp
Weight	4200kg

KRM Strip-Till: Equipment

Standard Equipment includes :

- Segmented rear roller
- Hydraulic depth setting (Rigid)
- Front ripper tines
- Lateral gear drive
- Central metering unit
- Cat 2 linkage
- Oil cooler
- 550mm diameter roller
- 375 rpm rotor speed
- PTO with auto torque clutch
- 12 blades per rotor
- Central depth setting adjustment
- CE guarding

Optional Equipment includes :

- Fertiliser application tubes
- Hydraulic depth adjust (Folding models)
- Rear light kit
- Hydraulic drill linkage

KRM can also supply suitable front hoppers suitable for seed and/or fertiliser, as well as precision planters suitable for piggyback mounting.

Model	3000/500/6	3000/750/4	6000/500/6	6000/750/8
Width (mm)	3000	3000	6000	6000
No of rows	6	4	12	8
No of Blades	72	48	144	96
Row spacing (mm)	500	750	500	750
Power Required (hp)	130-220	130-220	250-400	250-400
Weight	2770	2500	4760	4200

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