

Pro-Til

An innovative range of one-pass strip-till drills



1. Optional front disc to cut through surface residue
2. To auto reset leading tine ensures good root development and cleans the sowing strip of surface trash to produce a clean till of moist friable soil
3. Band placement of fertiliser below the seed reduces fertiliser requirement and ensures early nutrient accessibility
4. The staggered wheels remove air pockets and reconsolidate the tilled strips
5. Excellent soil to seed contact is achieved by hydraulic pressure exerted to each individual seed depth wheel
6. Individual depth adjustment to each of the semi-pneumatic coulters accurately controls seed placement
7. Hydraulically operated adjustable pressure harrow ensures a level uniformed seed bed

The Mzuri PRO-TIL one-pass strip tillage drills cultivate a uniform till and place the seed at a controlled depth providing the ideal soil environment for each seed to germinate quickly and grow to achieve its full potential.

Strip tillage involves only cultivating a targeted area and leaving the crop residue on the surface between the tilled strips, retaining moisture and organic matter to improve the soil structure and fertility.

The strip-till tines and wheels are alternately staggered to give ample space for trash to flow through. The coulters units are each connected to a balanced pressurised hydraulic system, which ensures an even soil pressure to each of the rear wheels. This controlled pressure ensures an accurate seed depth and excellent soil-to-seed contact.

The PRO-TIL is specifically designed as a single pass 'stubble to seed bed' drill, however it is equally at home with inversion systems. Being so versatile, whether drilling directly into stubble, minimally tilled land or even after the plough, makes the PRO-TIL the ideal machine to simplify the transition towards permanent direct drilling.



The metering unit simply consists of a variable speed electric motor and a gearbox driving a specific seed roller. A selection of seed rollers is provided to suit all seed types. Calibration is straightforward and accurate - simply push an electric button, weigh the collected seed and enter the amount into the control panel.

The in-cab drill management system provides on-the-move seed rate adjustment plus all of the normal essential seed drill control and monitoring functions.

The PRO-TIL range is available in 3 and 4 metre trailed versions and a 3 metre mounted format.

Specification	PRO-TIL 3	PRO-TIL 3T	PRO-TIL 4T
Working Width	3m	3m	4m
Transport Width	2.95m	2.95m	2.8m
Hopper Capacity	1200 l	2800 l	2800 l
Optional Dual Hopper	-	3400 l	3400 l
Row Spacing	33.3cm	33.3cm	36.3cm
No. of Coulters	9	9	11
Tractor Requirement	180hp +	180hp +	240hp +
Working Speed	6-15km/hr	6-15km/hr	6-15km/hr
Format	Linkage	Trailed	Trailed

Key features of PRO-TIL range

1. Auto reset front tines
2. Variable seed metering unit
3. Two row sowing coulters (150mm spacing)
4. Hydraulically driven fan
5. Seed flow monitors
6. Hydraulic bout marker
7. Adjustable pressure harrow - hydraulically operated
8. Semi-pneumatic seed packer
9. Fully integrated drill management system
10. Independent pressurised seeding arms coupled with adjustable wheel for very accurate seed depth across the field
11. A choice of seeding widths with the Select series