

1.8 m / 2.3 m / 2.8 m FINE SEED **PLANTER**



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TYPICAL APPLICATIONS:

- Planting fine seeds (lucerne, teff, rye-grass, smuts finger, medics, canola).
- Planting larger seeds (wheat, oats, soya beans, lupine, etc.).
- Application of fertiliser together with seed.
- Planting on pre-tilled fields.

CHARACTERISTICS:

- Retractable tines
- Excellent germination
- Very even seed distribution
- Two seed bins
- Robust & strong
- User friendly
- Spare parts generally available
- Low maintenance
- Seed bins can be moved according to preference

GENERAL FEATURES:

Planting Unit:

- Light soil loosening tines
- Clod-breaking roller
- Compaction roller (Different types of rollers available for different applications)

Seed Bin:

- Two seed bins with individual calibration
- Compartment for fine seed
- Bounce plate ensure even spread of seed
- Order of seed bins can be swapped around & the distance between seed bins can be adjusted or changed according to preference

Driving of Seed Bin:

- Simple drive chain from front roller
- No clutch mechanism required

- Ground speed drive of seed bin; means that you can change your speed at any time; without effecting the calibration of the seed bin. This means; that you can use an inexperienced tractor driver.

Frame:

- Simple & robust construction for extreme working conditions

Lifting Action:

- Three-point

ADVANTAGES:

- Known for excellent germination
- Very even distribution of seed
- Two seed bins allow for sowing 2 types of seed (or seed & fertiliser) simultaneously.
- Simple mechanism eliminates errors during planting process
- Driver friendly
- Robust frame & rollers
- Few parts to wear down
- Use standard bearings, chains & sprockets

Technical Data:	1.8 m Fine Seed Planter	2.3 m Fine Seed Planter	2.8 m Fine Seed Planter
Code	FPLD18	FPLD23	FPLD28
Implement mass (unloaded)	880 kg	940 kg	1250 kg
Dimensions (W x L x H)	2.2 x 1.6 x 1.1 m	2.7 x 1.6 x 1.1 m	3.2 x 1.6 x 1.1 m
Planting width	1.8 m	2.3 m	2.8 m
Number of loosening tines	8	10	12
Seed/Fertiliser volume (litre)	103	132	160
Fine seed volume (litre)	31	40	48
Towing action	3-point (cat 2)		
Tractor required	55Hp (lifting)		75Hp (lifting)



Excellent Germination



Even Seed Distribution



Spare Parts Generally Available



Retractable Tines



Two Seed Bins



Robust & Strong



Low Maintenance



2.8 METER FINE SEED PLANTER



2.3 METER FINE SEED PLANTER

1.8 METER FINE SEED PLANTER

1.8 m / 2.3 m / 2.8 m FINE SEED **PLANTER**

SEED BINS:

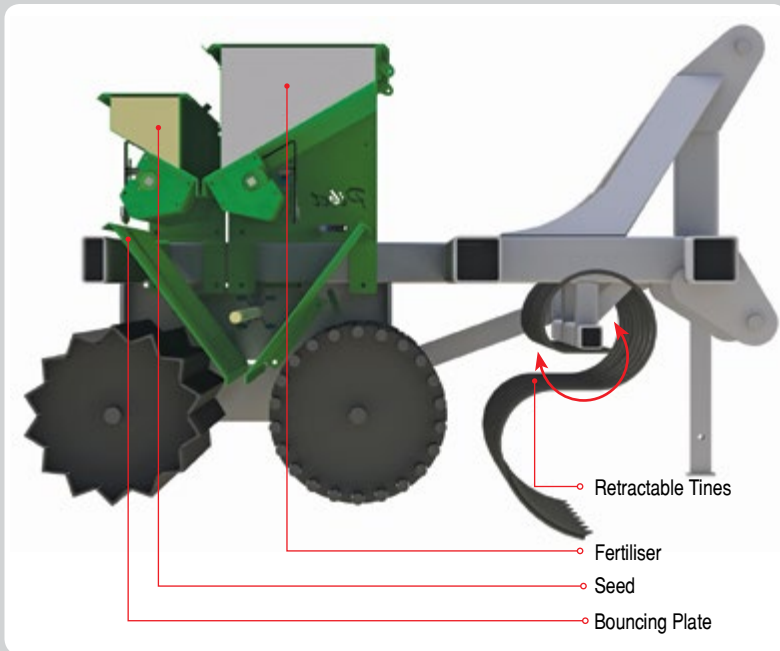
- High accuracy of laser-cutting and CNC bending ensures high-quality bins.
- Special undercoat & 2K paint ensure durability
- Proven Piket™ metering units ensure years of trouble-free working
- Variety of rollers to cover a wide range of seed and fertiliser grain sizes
- Ruler & crank ensure accurate calibration



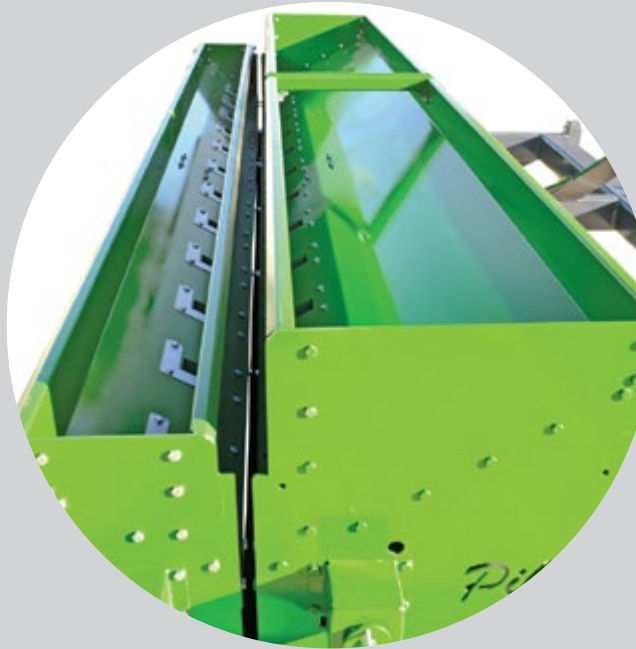
VARIETY OF ROLLERS AVAILABLE TO COVER A WIDE RANGE OF SEED & FERTILISER GRAIN SIZES



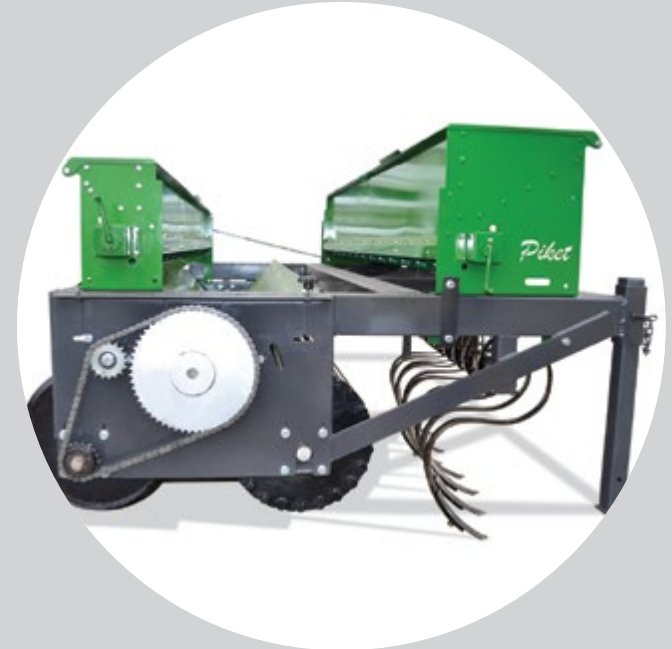
PIKET™ METER WITH SEED ROLLER



SEED BINS CROSS-SECTION



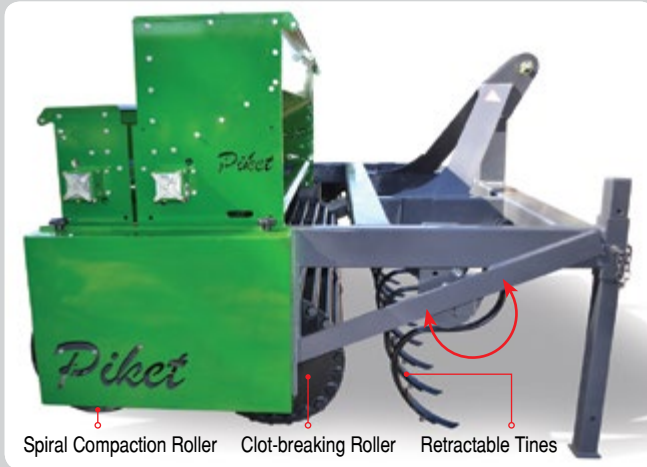
SEED BINS FROM THE INSIDE



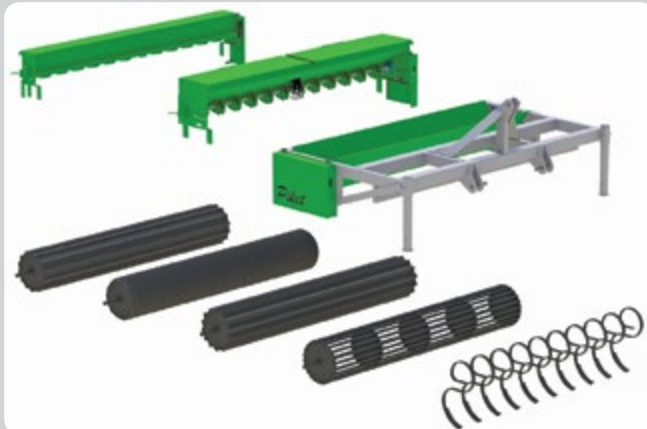
SEED BINS CAN BE MOVED APART FROM EACH OTHER OR SWAPPED AROUND, ACCORDING TO PREFERENCE

PLANTING UNIT OPERATION:

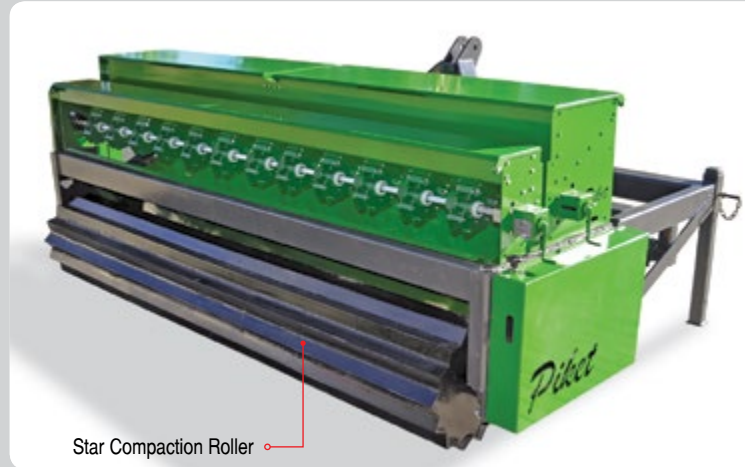
The tines loosen the soil. The clod-breaking roller breaks the large clods & the seeds are then sown onto the soil just ahead of the compaction roller which then compacts it. Tines lift up tractor wheel tracks & ensures an even surface for maximum germination.



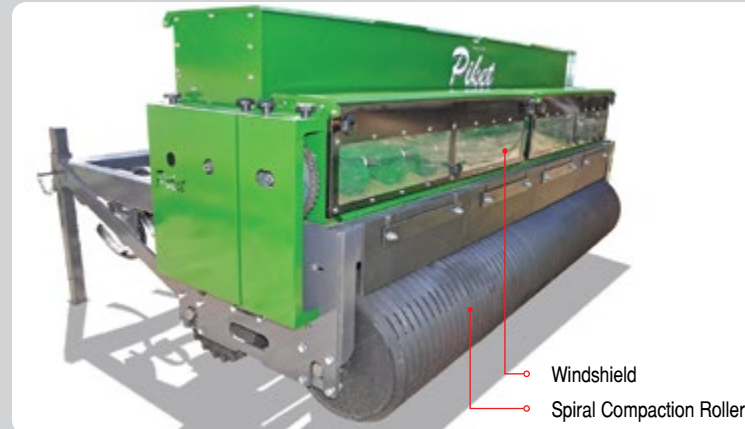
PLANTING UNIT BASIC COMPONENTS



THE FPLD23 COMPONENTS CAN BE CUSTOMISED TO FIT YOUR NEEDS & PREFERENCES



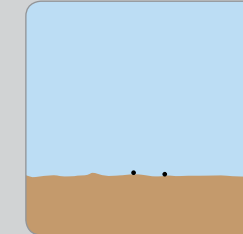
STAR COMPACTION ROLLER



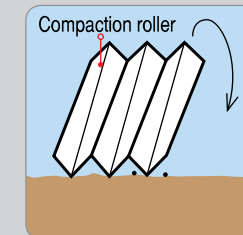
SPIRAL COMPACTION ROLLER

APPLICABLE TO THE SPIRAL COMPACTION ROLLER:

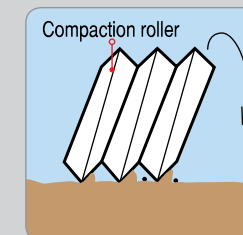
The excellent seed germination is mainly due to the unique design of the spiral compaction roller. When the spiral-rolled angle-iron is rolled over the soil surface, it not only executes a compaction action, but a sideways worm-screw action as well. This action ensures that the seeds are covered with a thin layer of soil during the compaction.



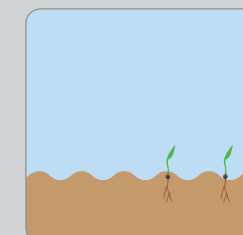
1. Seeds are placed on the soil ahead of the compaction roller.



2. Roller moves over the seeds.



3. The compaction roller's worm-screw action moves a thin layer of soil sideways while rolling over the seeds. The seeds are compacted at the same time.



4. The seed bed left behind is ideal for seed germination.