

# ST750 SEEDING LINE



# Williames

Leading by Innovation



## Williames ST750 SEEDING LINE

**FILLS SEEDS COVERS WATERS**

**750 TRAYS PER HOUR**

**ADJUSTS TO FIT ALL TRAYS**

*All known trays can be filled and  
seeded with all types of seeds*



**DIBBER DRUM—PARABOLIC POINTS  
SHAPE INDENTATION WITHOUT  
COMPACTING THE GROWING MEDIA**

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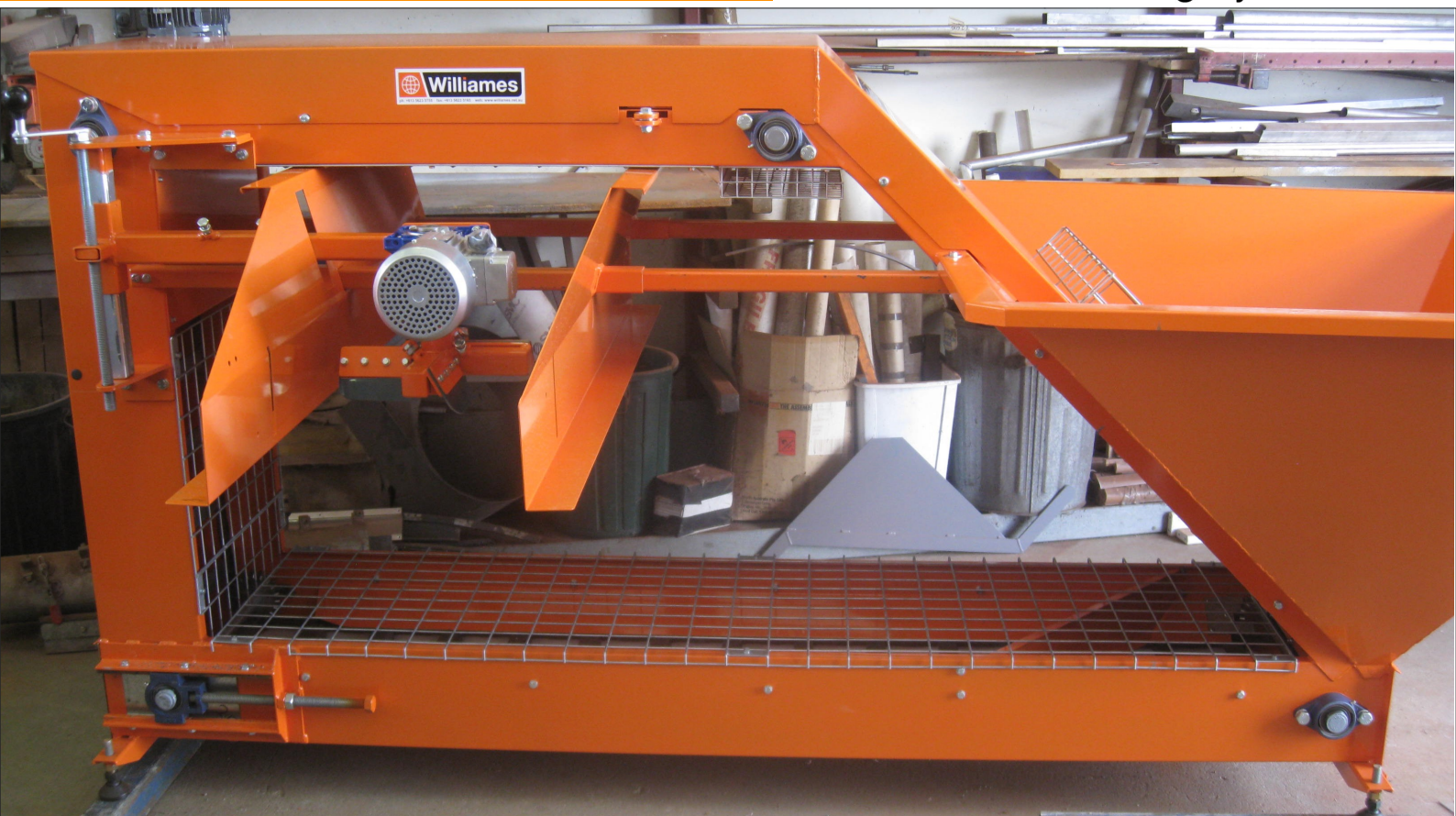


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**WILLIAMES ST750 SEEDING LINE** can process up to 750 trays per hour.

**Williames ST750 Seeding Line** is very reliable and accurately singulates the seed. Like all **Williames** machines it is robustly constructed, extremely reliable with low maintenance giving high productivity saving time and money.

## **ST750 SEEDING LINE INCLUDES**

- Universal Filler, soil rotor, soil leveller, compaction roller and scraper
- ST750 Seeder with three (3) singulator bars
- Single Pattern Seed Drum
- Dibber Drum
- Standard Seed Hopper
- 4 Metre Conveyor
- Standard Motor & Gearbox on Conveyor
- Vacuum Pump
- Standard Drive Motors & Transmission
- V2 Vermiculite Coverer
- DC Watering Tunnel
- Single or three phase power

## **OPTIONS**

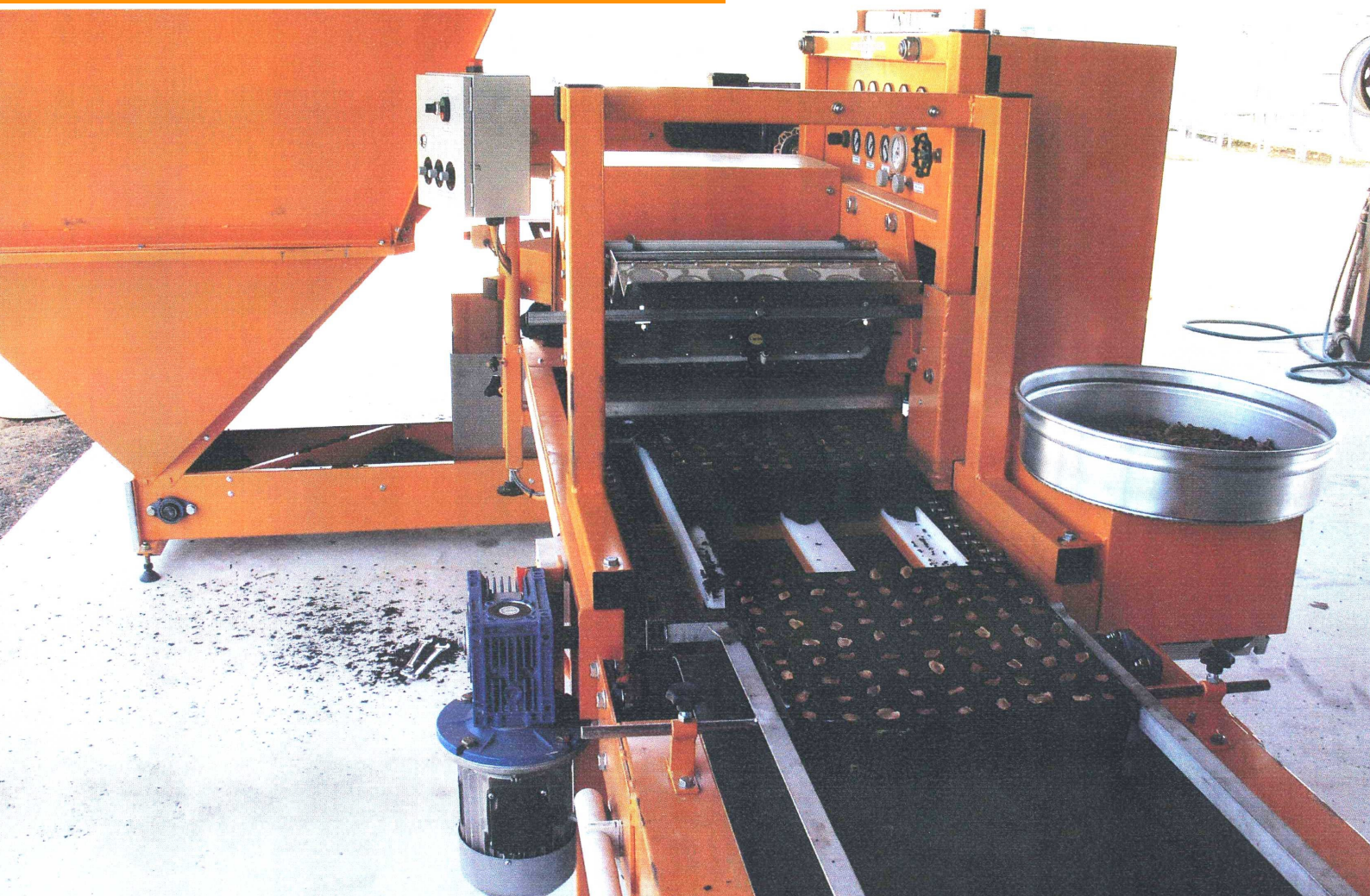
- 5 Singulator Bars
- Needle Drum and Needle Seed Hopper
- Stainless Steele Chains
- Tray De-Stacker
- Digital Tray Counter

**WILLIAMES NEW UNIVERSAL FILLER** has been designed in response to our customers requests for greater flexibility in the size and type of trays that can be used with the change from one type to another done with a minimum amount of fuss.

**WILLIAMES NEW UNIVERSAL FILLER** meets this brief, and gives growers the chance to rapidly change their production line to seed various plant types into different tray sizes and tray configurations.

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## 750 SEEDING LINE SOWING THE HUGE MAHOGENY SEED

**ST750 Seeder** — First, we ensure the indentation to take the seed is exactly in the centre of the cell and at the correct depth to suit the specific seed being sewn. This is achieved with the timed dibber with specially shaped convoluted dibber points.

Seeder head and three (3) singulator bars with variable pressure control gives the operator greater control to maintain a high degree of seed singulation and accurate seed placement.

### FEATURES

- Accurate seed placement at all speeds
- Cleated Conveyor to positively engage the tray
- Simple operation and adjustments
- Timing is consistent regardless of the speed
- Seed Drum, Dibber Drum and cleated conveyor are all directly driven together (maintaining 100% accuracy and timing)
- Accurate singulation achieved by 3 singulator bars (air brushes) on a large diameter seed drum (with the option for 5 singulator bars)

- Changing from one seed type to another can be done quickly
- Easy adjustment of the tray width

### OPTIONS

- Tray De-Stacker
- Digital Tray Counter
- 5 Singulator Bars
- Needle Drum and Needle Seed Hopper
- Stainless Steel Chains

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**UNIVERSAL FILLER** is suited to the high speed filling of a wide range of trays, pots, and punnets. It includes:

- Soil scraper, compacting roller, and powered levelling brush adjusts soil media density and controls fill quality
- Integrated soil return recycle soil mix to prevent wastage and soil contamination
- Fingertip controls vary speed of soil flow filling the tray, soil density in the tray and tray speed
- 0.8 cubic metre capacity
- Robust construction means low maintenance & high productivity

**ABOVE RIGHT:** Shows adjustable tray guides that can quickly be adjusted to take all types of tray.

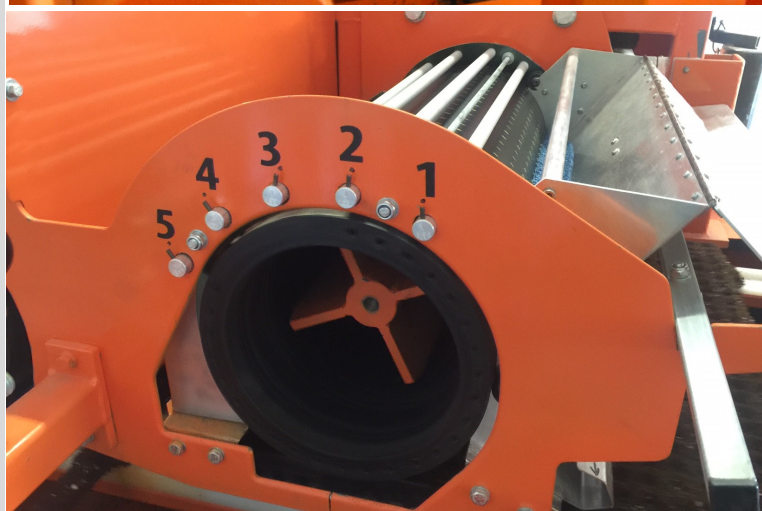
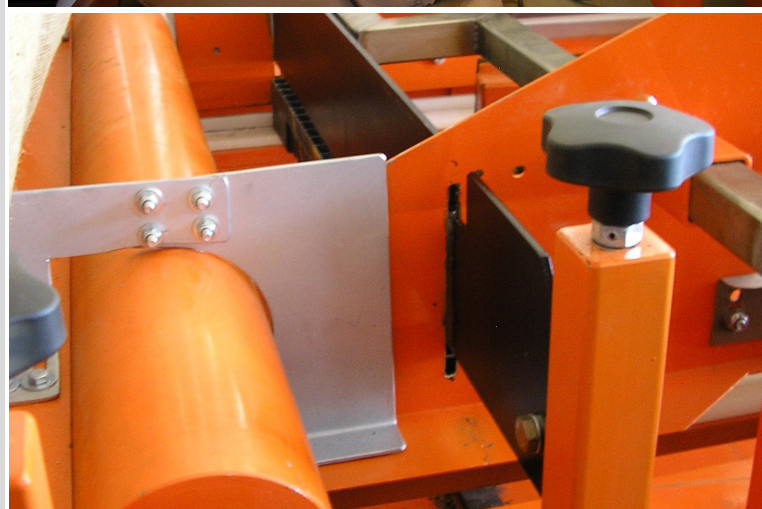
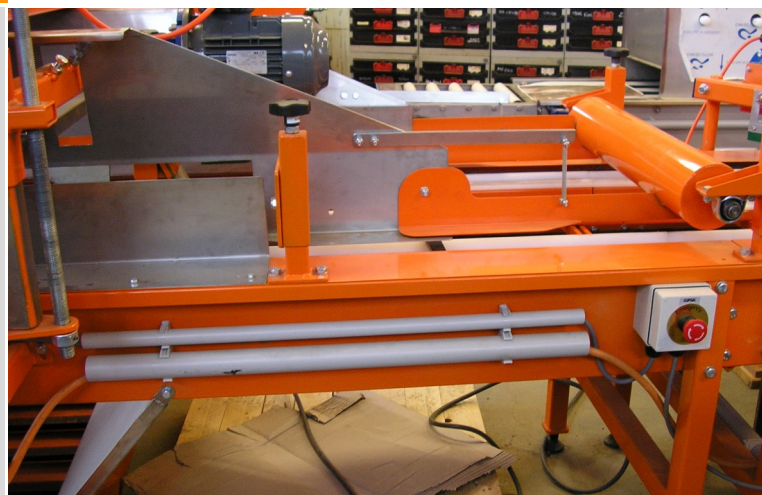
**RIGHT:** (FROM LEFT TO RIGHT)  
Compaction Roller, Compaction Scraper

**ST750 SEEDER SEED DRUM & SINGULATION BARS** accurately places seed and controls the placement depth of the seed to suit a very wide variety of seeds and types of trays.

- Suits a wide range of seeds
- Places a single seed per cell
- Multi seed singulation available for some tray types
- Suits a wide range of types of trays
- Robust construction means low maintenance and high productivity

**ABOVE RIGHT:** Seed drum with optional extra five (5) singulator bars. Optional additional Seed Drums and Dibber Drums are readily interchangeable for different seed types and tray configurations

**RIGHT:** Seed hopper with the very large Mahogany seed sitting beneath the singulator bars.





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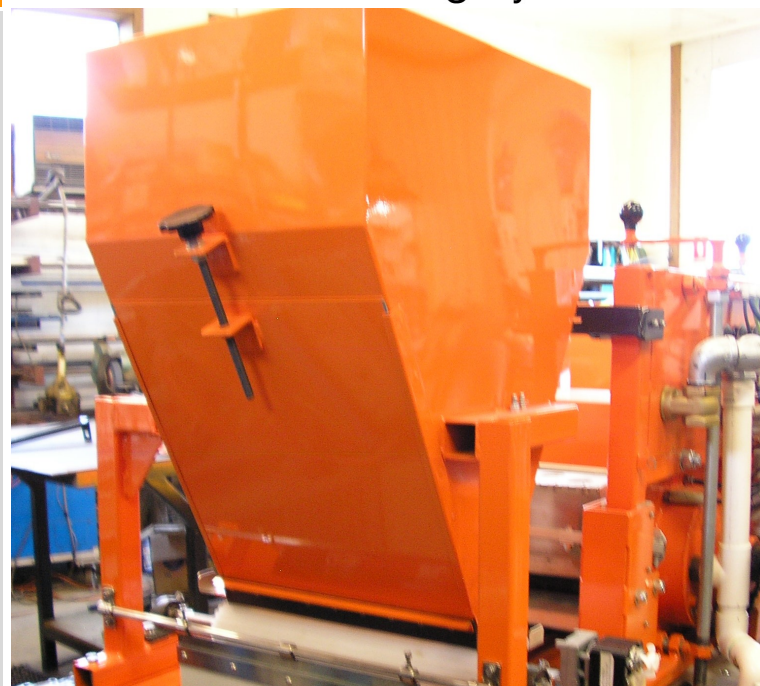
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**V2 VERMICULITE COVERER** adds a covering layer to the tray (i.e., layer of vermiculite) after the tray has been seeded.

**The V2** dispenses an even layer and can operate at variable speeds.

- Simple to operate
- Trays trip the automatic **START / STOP** activation
- Adjustable feed-gate
- Viewing glass allows the operator to assess the level of the hopper contents
- Robust construction means low maintenance and high productivity



*ABOVE RIGHT: Shows V2 Vermiculite distribution roller and hand-knob screw adjusted material flow door.*

*RIGHT: Vermiculite roller and scraper*



**DC WATERING TUNNEL** waters the tray after it has been filled, seeded and covered. Water is sprayed across the width of the tray as it passes underneath.

Depending on the amount water content required in the seeded trays before they leave the Seeding Line:

- The amount of watering can be easily adjusted to suit different requirements e.g., some growers just require the plants to be 'damp' because they will quickly put in the green-house, and misted with overhead watering systems.
- Others want the trays soaked as they will be later planted outdoors
- Robust construction means low maintenance and high productivity.



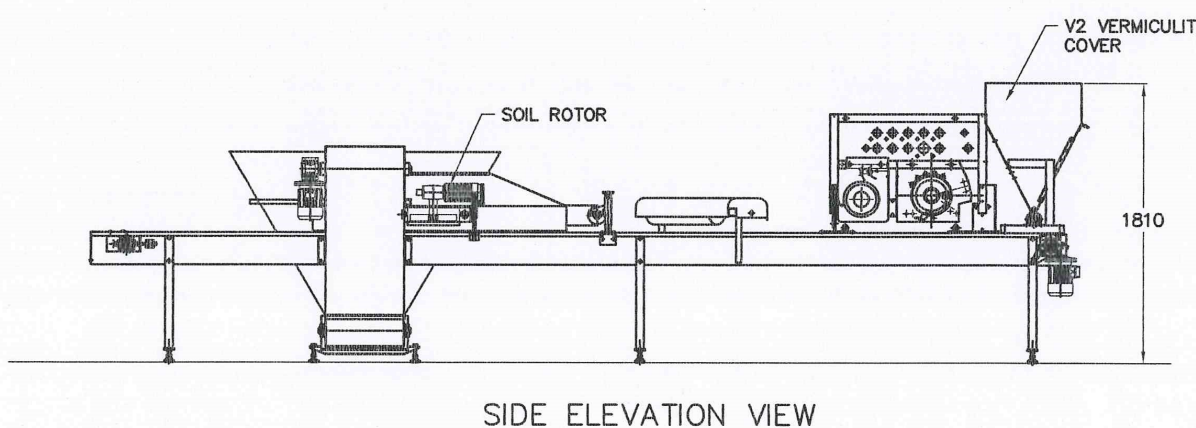
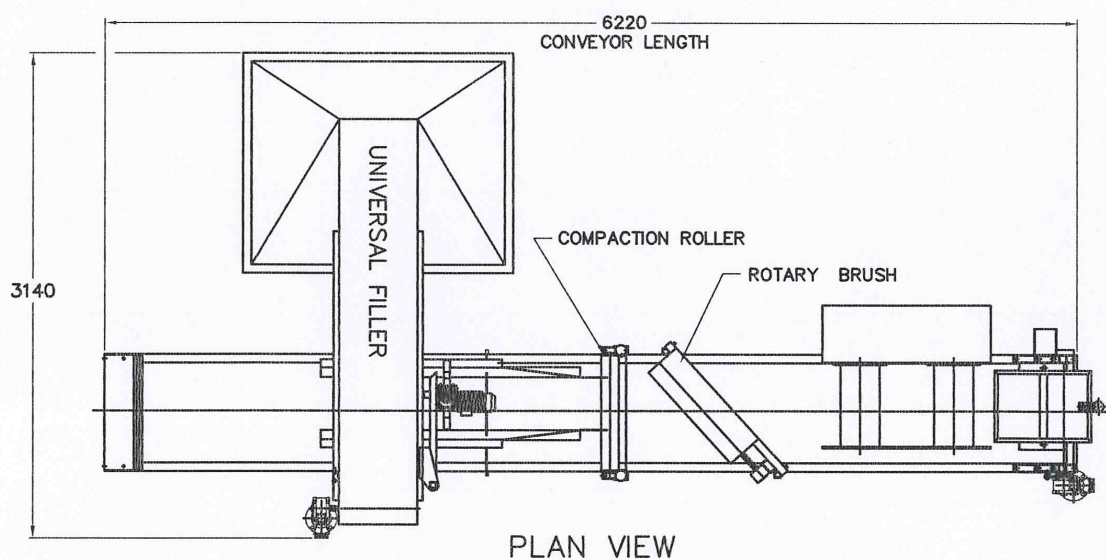


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