Seed Treater

- Handles all modern liquid chemical dressings
- Thorough mixing action for full coverage of seed
- Easily adjusted flow rates - seed and dressing
- Prewired and mobile to suite temporary operation

- Two models - capacities 6 t/hr
- Reliable and accurate in operation
- Fully automatic control and safety system
- Supplied complete with 100 litre container

SF6 Model (single outlet)
Seed Treater

Application:
The new Alvan Blanch range of seed treaters have been designed primarily for on-farm use but can also be incorporated within fixed or mobile seed processing plants of modest scale. They have been developed with the full and active co-operation of a major agro-chemical manufacturer and have been tested on a range of modern dressings.

Construction:
The Seed Treaters incorporate a large diameter ‘U’ trough mixing chamber in heavy gauge steel, with removable galvanised steel lid and lower end clean-out door and a mixing rotor fitted with a series of inclined crescent paddles. A large feed hopper (extendable for bulk feed applications) incorporates a stainless steel outlet section for consistency of flow. The feed control device has a screw adjustment graduated scale with set position recovery quick shut-off device, incorporating a pump override switch. A probe detects grain flow. Treated seed is conveniently discharged via a two-way bagging attachment with quick release holders. The variable speed displacement pump, which is mounted on a 100 litre moulded polypropylene chemical reserve tank, incorporates a graduated adjustment device. A manual agitator allows chemicals to be stirred in the tank. A reinforced flexible pipe delivers chemical to the injection nozzle. Mixing chamber drive, pump and all switches are pre-wired back to a mounted control panel, featuring safety interlocked protection systems giving automatic shutdown in case of no grain, no chemical or nozzle blockage. A single-phase socket on the panel allows instant connection to a power source. Both pump and mixing chamber have single-phase motors.

Operation:
A regulated flow of chemical is applied to the seed as it is fed from the feed hopper at a pre-set rate. Guidance on settings is given in the manual for each crop type. The action of the mixing chamber - in which seed continually tumbles back as well as being conveyed upwards - ensures a thorough coating of the seed.

Optional equipment:
- Hopper extension:
  - To permit bulk feed operation.
- Mixing chamber extension:
  - So that discharge can be at a higher level for feeding of big bags.
- Three-phase drive:
  - To mixing chamber.
- Stationary versions:
  - With floor standing frame.
- Stainless steel construction:
  - For special applications such as the treating of salt with iodine solution (for which a special pump is also required).

### SPECIFICATIONS

<table>
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<tr>
<th>Model</th>
<th>Rated Capacity (1) kg/hr</th>
<th>Main Drive</th>
<th>DIMENSIONS mts (2)</th>
<th>Shipping spec</th>
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1) Capacity will vary depending on the crop
2) Dimensions are nominal. Column FH represents height of feed hopper, while BH gives the bagging height

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