

## 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 3 t/hr and 5 t/hr*
- *Reliable and accurate in operation*
- *Fully automatic control and safety system*
- *Supplied complete with 100 litre container*



*Model shown: SF6 (single outlet)*

### 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

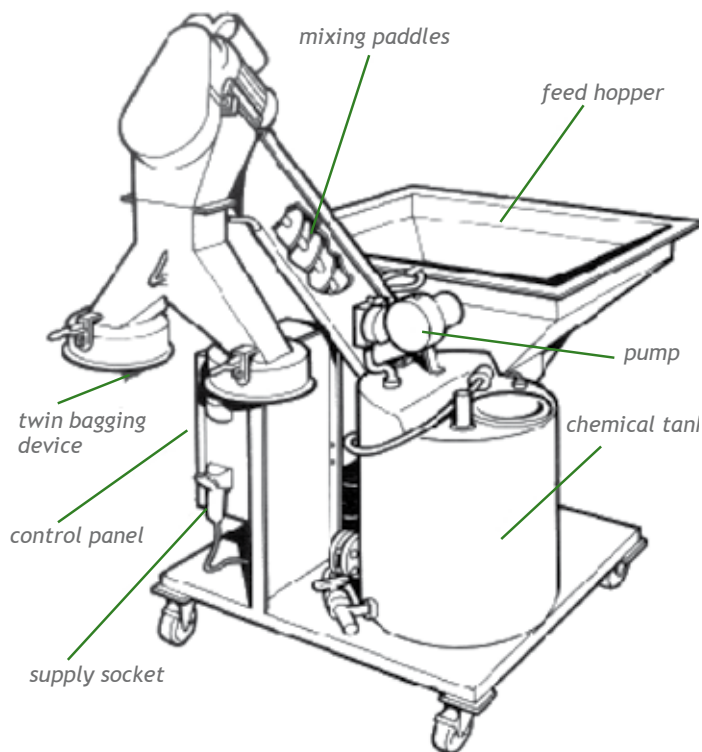
door and a mixing rotor fitted with a series of inclined crescent paddles. A large feed hopper (extendable for bulk feed applications) incorporates a stainless steel outlet section for consistency of flow. The feed control device has a screw adjustment graduated scale with set position recovery quick 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

MODEL	Rated Capacity (1) kg/hr	Main Drive kw	DIMENSIONS mts (2)					Shipping spec	
			L	W	H	FH	BH	m3	kgs
ST6	6000	1.1	2160	1350	750	1040	965	5.5	500
ST6L	6000	1.5	2227	1350	910	1950	1110	5.5	500

### NOTES

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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