

StocksAG
APPLICATOR
PRODUCTS

STOCKS
TURBO JET



Turbo Jet 8 & 10

The Turbo Jet is a versatile and accurate pneumatic applicator to meter and spread most small seeds up to 8m wide. It is available with 8 or 10 outlets, and with either VS-2 or i-CON controls.

VS-2 is the ideal machine to establish or rejuvenate pasture, or apply low cost cover crops, and the GPS based i-CON provides the ultimate in accuracy with precision farming variable rate for OSR seeding.

The Turbo Jet is typically used to sow small seeds such as rape, mustard, turnips, etc, at very low rates down to 2 kgs/ha or below, through to full rate grass seeding at 40+ kgs/ha. It is also suitable to apply slug pellets prior to or post drilling, fertiliser - both prilled and micro-granular, herbicide granules such as Avadex® and cereal seeds used to stabilise blowing soil. (Alternative feed rolls are available to enhance performance with micro-granular products.) Two or three Turbo Jets may be used together to apply OSR and fertiliser and slug pellets at the same time. It is possible to do this using only one control - please enquire for details. It is usually fitted to cultivation equipment of all types such as tined grass harrows up to 6m wide, or 3m wide mounted stubble cultivators, to 8m wide x 20m long tillage trains. It is suited to both folding or rigid equipment and will work up to 30m from the power source. It is adaptable for broadcasting or band sowing and the 8 or 10 outlets can be doubled to 16 or 20 for the ultimate broadcast effect, or can be individually blanked off to band sow with a 5, 7 or 9 leg subsoiler. Use it with tined grass harrows to undersow or re-seed pasture, or with almost any cultivator as a low cost one pass seeder. A 12 volt motor drives fluted feed rolls that meter seeds into the individual air tubes. High capacity electric fans ensure a reliable spread, and the versatile feed mechanism easily adapts for different rates and products, and a selectable agitator prevents difficult grass seeds from bridging. The Turbo Jet is supplied as standard with everything that should be required, and the only cost options are extra extension cables when fitting to long cultivators.

NOTE. The TJ8 is the most popular model, with the TJ10 being especially useful for a 9 leg cultivator or for ultra-high rate grass seeding in the amenity sector, eg, for golf course, playing fields or parks.



Turbo Jet 8 & 10

Specifications

Choice of VS-2 or i-CON controls.

Please see pages 23-24.

Supplied with 5m fused battery power cable and 6m connector and power cables from console to Turbo Jet. Extension cables as a cost option.

Hopper capacity 240L (150 kgs rape or 85 kgs grass or 180 kgs slug pellets). Optional 400L Hopper.

Net Weight 125 kgs.

Power requirement 12 volts DC – 30 amps.

Dimensions – mm W700 x D1200 x H1200.

Electric Controls

Two systems are available VS-2 or i-CON.

Each supplied with control console, 6m connector cable from the control console. 5m fused battery lead to connect from the battery to the back of the cab, and join the 6m power lead = 11m total power lead. Extension cables available as a cost option.





Spread Width

Maximum width 8m from 8 or 10 outlets and delivery tubes. (TJ8 or TJ10)

Each delivery tube may be split into two using supplied 'Y' connectors that are positioned near the spreaders, so 8 outlets become 16, and 10 becomes 20. The number of tubes will depend on the product being applied, the implement width and type, and the decision to broadcast or band sow.



CARRIAGE IS EXTRA – PLEASE ENQUIRE

Turbo Jet 8 & 10

Spreader Kit

Each Turbo Jet is supplied with 16 (TJ8) or 20 (TJ10) spreaders and 8m of steel channel rail and brackets (4 x 2m lengths). These are fitted to the implement, and the spreaders slide along the channel to the required position where they are locked in place. Product is metered by the feed rolls down individual delivery tubes to the spreader kit.

A 30m reel of tube is supplied as standard to be cut to length as required.



Broadcast or Band Sown effect

The spreaders have a detachable spread plate which is retained for broadcasting and simply removed for band sowing.

Broadcast

Broadcast width of each spreader will vary with different product being spread, but typically up to 4m wide single tubes are often used without being split, and over 4m it is usual to fit the Y connectors. The tubes and spreaders are fanned out to suit.

Typical height approx 250 – 300mm and will vary according to product being metered. The spreader kit is easily user modified as required, and extra lengths are available as a cost option.



CARRIAGE IS EXTRA – PLEASE ENQUIRE

Turbo Jet 8 & 10

Band Sow

Simply position the delivery tubes as required across the implement width.

Blanking Spacers and air stoppers are supplied to reduce the number of outlets for band seeding with a 9, 7 or 5 leg sub soiler for example.



Feed Mechanism

Small seed and grass seed rolls are supplied as standard.

Fluted feed rolls on a stainless steel shaft are driven by a 12 volt electric motor. The application rate is set by the combination of feed roll type and shaft speed.

Simple calibration catch and weigh test to establish application rate, a calibration tray is supplied.



CARRIAGE IS EXTRA – PLEASE ENQUIRE

Turbo Jet 8 & 10

Small Seeds

Individual feed rolls for each outlet ensure accuracy down to very low

rates or 2kgs/ha or below of rape seed. These feed rolls are assembled on the shaft in combination with spacers to give the required application rate and forward speed range. They are easily changed as required.



Grass Seed and Mixes

High capacity feed rolls are

supplied to meter high rates of grass up to 40 kgs/ha at 6m wide at 12 kph.

An agitator powered by a separate electric motor is fitted inside the hopper base and used with grass seeds to prevent difficult seeds bridging, and ensure a constant flow of seed to the feed rolls.



Airflow

Twin high capacity electric fans and large

bore tube deliver powerful airflow for reliable spreading and the fans are totally enclosed by mesh air intakes to prevent the ingress of straw and chaff.

The fans are extremely reliable IP 68 rated waterproof and dustproof, and the meshed intakes are easily accessible to clean down if required.

The complete fan cover hinges upwards to expose the fans for cleaning.





Fitting to the Implement

The positioning of both the Turbo Jet itself and the spreaders will vary according to the seed being used, the implement type (rigid or folding) and length and width, the effect required (broadcast or band sown).

The Turbo Jet has a robust 5mm pressed steel base plate which should be used to bolt to user supplied brackets. The spreaders may be attached equi-distant across the width in front of or behind following depth control rolls or press rings or wheels or positioned in line with sub-soiler or cultivator legs.

PRICING CHOICE - Models & Cost Options

All models are very comprehensively equipped with small seed rolls, grass seed rolls, blanking rolls and air stoppers to reduce outlets. 30m delivery tube, 8 or 10 Y connectors to split delivery tubes, 16 or 20 spreaders with detachable plate, 8m of steel channel rail + brackets, hopper agitator, calibration tray.

The only options are extension cables for long installations.

COST OPTIONS

400L Hopper, extension power and connector cables

in 4m, 6m, and 10m lengths.

CARRIAGE IS EXTRA – PLEASE ENQUIRE