

Techneat

PRODUCT GUIDE



www.techneat.co.uk

t: 01353 862 044 | e: info@techneat.co.uk



About Us

Techneat Engineering is a UK manufacturer based at Littleport in Cambridgeshire where we design and manufacture a range of machines and equipment for agricultural, amenity and sports sectors.

With years of experience in metal fabrication and plastic moulding we have created a portfolio of products designed to cover aspects of **sow, feed** and **protection** of crops and turf.

Our products are made using durable plastic and steel at our Littleport factory and our electronic control systems are manufactured by our sister company Robydome Ltd in Sudbury. All products are assembled and tested in-house before shipment.

We offer field servicing and most spares are available for next day delivery in the UK. Technical help is available on the phone or in person if required. Techneat products are also available from most agricultural dealerships in the UK.



Contents

Multicast – Multi Use Air Seeder

Multicast range	04
Multicast 200 & Multicast 400	05-06
Multicast Duo	07
Multicast 200 UTV mount	08
Multicast 400 trailed 12m/15m	09
Multicast 400 mounted	10
Multicast Twin Air	11
Multicast 1200	12

Slug Control

Outcast Duo	13
Outcast V2	14-15

Fertiliser

Placement Pro Air	16
Nutristart Lq	17

Potatoes - Cereals

Placement Pro LQ	18
Microdrive	19
Microcast 70	20
Microcast 70 Air	21
Microcast 250	22

Terracast GR	23
Maxicast	24
In-Furrow V2	25
Placement Pro GR	26
NSTS testing/Apcal cartridges	27

Birdscaring

Vari Scary	28
Rotor Scare	29

Ground Care

Acuspray	30
Acuspray Solo	31
SPPS	32-33
Pro-ESpray	34-35
Pro drift	36
Weed wizard	37

Miscellaneous

Techneat Tanks - Bowers	38
Techneat Tanks - Rain water	39
Con-Tented Products	40-41
How to Find Us	42
Notes	43

Multicast – Multi Use Air Seeder



Multicast Range

Techneat has been manufacturing air seeders since 1995 – drawing on our vast experience and expertise we now offer the **Multicast** – a multi purpose seeder unit that can apply pretty much any product by easily changing the single metering cartridge. Using a powerful hydraulic driven fan and a Garmin GPS speed controller – each product is accurately applied through a distribution head – available in many different configurations. All machines come complete with wiring kit, outlets and a coil of hose – everything you need to get going.



PRODUCT GUIDE



Multicast 200 & Multicast 400

Multicast 200

The **Multicast** 200L tank unit is easily fitted to drills or rolls using a “T” frame. It can also be specified with dual tanks and fitted to a combine header to apply both OSR and slug pellets simultaneously whilst keeping the products segregated in the separate tanks. To apply small seeds up to 5m a budget conscious electric fan version is available.



Multicast 200

KEY FEATURES

- ▶ 200 litre hopper
- ▶ NSTS compliant
- ▶ GPS Garmin forward speed sensor
- ▶ Full in-cab control
- ▶ Easy single point calibration
- ▶ Generic “T” frame mount supplied for easy fitting (200 litre only)
- ▶ Hydraulic fan (16lpm and free flow return)
- ▶ Small seed, grass seed, Avadex and cover crop cartridges available
- ▶ 3 – 16m spread width depending on specification

**SCAN FOR
FULL RANGE**



Multicast – Multi Use Air Seeder



Multicast 200 Options

- ▶ Multiple outlet options
- ▶ Electric fan option (less than 5m)
- ▶ Dual hopper option



Multicast 400

The 400L option offers the same versatility as the 200L – however a substantial chassis holds the large capacity 400L tank for wider and larger applications.

Options

- ▶ Multiple outlet options available
- ▶ Double blade fan for 15-16m
- ▶ Flexible mounting

Multicast 400

KEY FEATURES

- ▶ 400 litre hopper
- ▶ NSTS compliant
- ▶ GPS Garmin forward speed sensor
- ▶ Full in-cab control
- ▶ Easy single point calibration
- ▶ Hydraulic fan (16lpm and free flow return)
- ▶ Slug pellet, seeds, Avadex and cover crop





Multicast Duo



Multicast Duo

Using two separate tanks, metering units and control systems, two products can be applied simultaneously easily and accurately. Each product is calibrated individually and metered to its own distribution head. The machine consists of a 400L main tank with a 125L “piggy back” tank that neatly fit together. For example seed and slug pellets or seed and micro granular fertiliser can be applied easily and accurately.

Multicast Duo

KEY FEATURES

- ▶ Separate seed and fertiliser hoppers
- ▶ GPS Garmin forward speed sensor
- ▶ Simple calibration
- ▶ Straightforward to use
- ▶ In-cab control
- ▶ Reduced establishment costs
- ▶ Promotes early establishment

Options

- ▶ Flexible number of outlets
- ▶ Hydraulic fan
- ▶ All weather cover
- ▶ 125 litre and 400 litre hoppers
- ▶ Full range of metering cartridges available

**SCAN FOR
FULL RANGE**



Multicast 200 UTV mounted



**MULTICAST
- MULTI USE
AIR SEEDER**

Multicast 200 UTV mounted

The 12m **Multicast 200 UTV** option uses a 200L tank and a Honda driven fan unit. Supplied as a “turn key” machine ready to slide into the back of a UTV. The framework enables the unit to be tied down using ratchet straps or bolted through the buck for a more permanent fixing. This specification is very popular for applying Avadex granules.

Multicast 200 UTV KEY FEATURES

- ▶ Honda engine driven fan unit
- ▶ 12m geo-boom
- ▶ 200 litre tank
- ▶ 500mm spaced outlets
- ▶ NSTS certificate supplied
- ▶ Multiple tie-down and bolt-down points



**SCAN FOR
FULL RANGE**

PRODUCT GUIDE



Multicast 400 trailed 12m/15m



Multicast 400 trailed 12m/15m

The **Multicast Trailed** unit uses a 400L tank and a single or twin axle trailer chassis. This uses high quality load rated tyres and suspension units (NOT to be used on the public road). The fan is driven by a Honda engine and the boom is available as either a 12m or 15m on this specification.

Options

- ▶ 12m or 15m geo-boom options
- ▶ *Not for road use

Multicast 400 trailed 12m/15m

KEY FEATURES

- ▶ Honda engine driven fan unit
- ▶ GPS Garmin forward speed sensor
- ▶ 400 litre tank
- ▶ Slug pellet cartridge supplied
- ▶ 500mm spaced outlets
- ▶ NSTS certificate supplied
- ▶ Increase track to reduce ground pressure
- ▶ Quality suspension units and load rated UTV tyres



SCAN FOR FULL RANGE

Multicast 400 mounted



MULTICAST
- MULTI USE
AIR SEEDER

Multicast 400 mounted

Using a 3 point linkage frame the **Multicast 400** can be easily fitted to the front or rear linkage on a tractor. The unit is supplied with a 12m or 15m manual fold boom. This uses a hydraulic fan to blow the product to dual outlets to give 500mm spacing. The booms feature a swinging centre frame to ensure smooth and level travel across the field.

Options

- ▶ 12m or 15m geo-boom options

Multicast 200 UTV KEY FEATURES

- ▶ 3-point linkage frame for ease of fitment
- ▶ Hydraulic hoses supplied
- ▶ GPS Garmin forward speed sensor
- ▶ 400 litre tank
- ▶ 500mm spaced outlets
- ▶ NSTS certificate supplied
- ▶ Hydraulic fan (16lpm and free flow return)



SCAN FOR
FULL RANGE



Multicast twin air



MULTICAST
- MULTI USE
AIR SEEDER

Multicast twin air

Mounting an additional metering unit under the 400L tank gives us the capability of fitting the **Multicast Twin Air** unit to 24m/32m or 36m spray booms. Having two metering units, two control systems and a very high capacity hydraulic fan, Avadex granules, cover crops or grass seed can be applied at very wide widths. Dual outlets ensure there is an outlet every 500mm to give very good coverage.

Options

- ▶ 500mm outlet spacing
- ▶ 24 – 36m kits available
- ▶ Self-fit or fitted by UK sprayer manufactures

Multicast twin air

KEY FEATURES

- ▶ 400 litre tank
- ▶ Twin control systems allowing half width shut off
- ▶ Twin distribution heads
- ▶ NSTS compliant
- ▶ High capacity fan (36lpm and free flow return)



SCAN FOR
FULL RANGE



Multicast 1200



MULTICAST
– MULTI USE
AIR SEEDER

Multicast 1200

The **Multicast 1200** is the biggest tank in the range. It can be fitted with 18m or 24m booms to give maximum coverage for the serious contractor.

Options

- ▶ Can also apply slug pellets
- ▶ Electro hydraulic boom controls

SCAN FOR
FULL RANGE



Multicast 200 UTV

KEY FEATURES

- ▶ 24m boom with suspension
- ▶ Full boom control in height, fold and tilt
- ▶ GPS Garmin forward speed sensor
- ▶ Dual metering allowing half width shut off
- ▶ 1200 litre hopper
- ▶ 3-point linkage mount
- ▶ NSTS certificate supplied
- ▶ High output fan 36lpm and free flow return
- ▶ Seeds, Avadex, cover crop and grass seed cartridges

PRODUCT GUIDE



Outcast Duo



SLUG CONTROL

Outcast Duo

The **Outcast Duo** is a twin spinning disc applicator designed to fit onto the flat bed of a utility vehicle. It spreads to a distance of 24m at a typical forward speed of 15kph. The control system uses GPS speed sensing and pellets are metered onto each spinning disc to ensure a uniform and accurate distribution.

The **Outcast Duo** can also be fitted to the front or rear tractor linkage or fitted to the front of a 24m sprayer.

Options

- ▶ Sprayer or UTV mounting
- ▶ UTV skirt
- ▶ Small pellet cartridges

Multicast twin air

KEY FEATURES

- ▶ Large hopper – fewer refills
- ▶ Metering adjusts for forward speed
- ▶ Powerful disc motors
- ▶ GPS Garmin forward speed sensor



SCAN FOR FULL RANGE



Outcast V2

SLUG
CONTROL

Outcast V2

The Outcast V2 is a sprayer mounted slug pellet applicator which uses a unique system of satellite spinning discs on the sprayer boom. The slug pellets are metered from a front or rear mounted hopper into an air stream and blown to the spinning discs on the boom for distribution. Each spinning disc is used to spread the pellets a distance of 12 meters in total. Headland or sectional control options can control spread width accuracy around headlands. The Outcast V2 is a very well proven machine that is now fitted as a factory fit option by most UK sprayer manufacturers.

Outcast V2

KEY FEATURES

- ▶ Front or rear mounted
- ▶ Headland control (single valve)
- ▶ Sectional control (3 valves)
- ▶ GPS Garmin forward speed sensor
- ▶ 24 to 48 meter spread
- ▶ Factory fit by most UK sprayer manufacturers
- ▶ 400 litre option

Options

- ▶ Positively metered pellets
- ▶ Even distribution
- ▶ Simple calibration
- ▶ NSTS compliant
- ▶ Can apply some cover crops

SCAN FOR
FULL RANGE



PRODUCT GUIDE



SLUG CONTROL



Bateman



Agrifac



Amazone



JD Trailed

Placement Pro Air



FERTILISER

Placement Pro Air

The **Placement Pro Air** is a front mounted fertiliser applicator which is typically used to band apply conventional or prilled fertiliser over 3 beds. It has an electronic control system and stainless steel components to ensure accurate, corrosion free operation. The 1500L hopper is designed to accommodate a 1 tonne bulk bag or two 600kg bags of fertiliser to minimise filling time.

SCAN FOR FULL RANGE



Placement Pro Air

KEY FEATURES

- ▶ 1500 litre hopper
- ▶ Versatile air delivery method
- ▶ GPS speed sensor
- ▶ Front mounting hopper
- ▶ Integral weight frame

Options

- ▶ Various placement solutions to suit your requirements
- ▶ Suitable for potato, vegetables and salad crops
- ▶ Hydraulic fold boom

PRODUCT GUIDE



Nutristart LQ

Nutristart LQ

The **Nutristart LQ** is a liquid fertiliser system for application of starter fertiliser. Early application of N & P fertiliser can help the crop establish strong root structure before the winter and establishes the crop ahead of competing weeds. Stronger crops are less susceptible to slugs and birds.

The fertiliser is typically applied in a pencil jet behind each leg so that the seed benefits directly from the nutrients and by placing fertiliser deeper in the soil encourages deeper roots. Each nozzle is fed from a 12v pump mounted near the tank via a stainless steel manifold. Different outlet configurations are available. Tanks can be 600L or 1000L in size and supplied with either a front linkage mounted chassis or implement



mounted cradle. A control system can be supplied if an existing tank is to be utilised.

The **Nutristart LQ** is compatible with the **Multicast** seeder for a complete package.

Nutristart LQ

KEY FEATURES

FERTILISER

- ▶ Liquid fertiliser placement
- ▶ GPS Garmin forward speed sensor
- ▶ Simple calibration
- ▶ Straightforward to use
- ▶ In-cab control
- ▶ Stainless steel metering discs manufactured in all sizes

Options

- ▶ High output pump
- ▶ Front or implement mounted
- ▶ 600 or 1000 litre tank
- ▶ Control system only available



SCAN FOR
FULL RANGE



Placement Pro LQ



POTATOES

Placement Pro LQ

The **Placement Pro LQ** is a precision front mounted liquid fertiliser injection system fitted to potato planters. The system can use either two angled tines or a single delta wing tine per row.

The 1000L tank fits to a close coupling CAT 2 linkage to maximise driver visibility. The system has a powerful hydraulic pacer pump to achieve very high application rates. This also allows the tank to be fast filled in the field.

**SCAN FOR
FULL RANGE**



Placement Pro LQ

KEY FEATURES

- ▶ Planter mounted injection tines
- ▶ 1000 litre tank
- ▶ Front mounted
- ▶ Powerful pacer hydraulic pump
- ▶ RDS control system
- ▶ Stainless steel metering discs
- ▶ Garmin GPS forward speed sensor

Options

- ▶ Flexible number of rows
- ▶ Fitting kits available for various manufacturer's equipment



Microdrive



POTATOES

Microdrive

The **Microdrive** system is retro-fitted to Horstine Microband and TM Air machines and replaces the land-wheel drive with the Techneat drive motor and control system.

The **Microdrive** system is simple to fit and application rates can be changed with the press of a button on the in-cab controller. Forward speed is monitored using GPS so is not susceptible to land-wheel slippage.

Microdrive

KEY FEATURES

- ▶ Replaces land-wheel
- ▶ Simple to fit and calibrate
- ▶ In-cab rate control
- ▶ NSTS compliant

Options

- ▶ Flexible number of outlets
- ▶ GPS Garmin forward speed sensor



SCAN FOR
FULL RANGE

Microcast 70



Microcast 70

The **Microcast 70** is a low cost solution for application of granular products. It is fitted with Apcal cartridges to apply starter fertiliser on seed drills or to apply nematicide for potato growers.

The **Microcast 70** can be fitted with an optional air assist kit to aid the flow through the delivery tube to the venturi.

Options

- ▶ Flexible number of outlets (single/dual or triple)
- ▶ Air assist kit
- ▶ All weather cover
- ▶ Various cartridges available
- ▶ Multiple outlet option

POTATOES/
CEREALS

 **Nemathorin**



Physiostart



umostart
... is perfect

Microcast 70

KEY FEATURES

- ▶ 70 litre hopper
- ▶ Simple to fit and calibrate
- ▶ Garmin GPS forward speed sensor
- ▶ In-cab flow rate control
- ▶ NSTS compliant
- ▶ Gravity feed

**SCAN FOR
FULL RANGE**



PRODUCT GUIDE



Microcast 70 Air



POTATOES

Microcast 70 Air

The **Microcast 70** is designed to apply Microgranules on planters or drills. It is fitted with a small fan to blow the product into the opener. It has all the features of a standard gravity machine but because the product is blown the hopper can be mounted at a more convenient height for filling.

Typically the **Microcast 70 Air** is fitted to the back of the planter and the pipework runs forward directly into the furrow. The system is easily calibrated by carrying out a dump test.

Microcast 70 Air

KEY FEATURES

- ▶ 70 litre hopper
- ▶ Low level filling
- ▶ Air delivery
- ▶ Simple to fit and calibrate
- ▶ NSTS compliant

Options

- ▶ GPS Garmin forward speed sensor
- ▶ All weather cover
- ▶ Various cartridges available



SCAN FOR
FULL RANGE

Microcast 250



POTATOES

Microcast 250

The **Microcast 250** is a granular applicator which has a large 250L hopper with two metering units. It is used for nematicide and starter fertiliser.

Nematicide use: commonly mounted on a front single bed tiller with the planter on the back of the tractor. Cartridges are specially designed for Nemathorin and are hard wearing

Starter fertiliser use: mounted directly onto the drill. An optional air assist kit can aid the flow of fertiliser through the delivery tube to the venturi to be placed with the seed.

**SCAN FOR
FULL RANGE**



Microcast 250

KEY FEATURES

- ▶ 250 litre hopper
- ▶ Nematicide use
- ▶ Starter fertiliser use
- ▶ Garmin GPS forward speed sensor
- ▶ In-cab rate control
- ▶ NSTS compliant

Options

- ▶ Various cartridges available
- ▶ Air assist kit
- ▶ Closed transfer system
- ▶ All weather cover
- ▶ Multiple outlet option

PRODUCT GUIDE



Terracast GR



POTATOES

Terracast GR

The **Terracast GR** is a granular version of the Terracast V2 seeder unit with an upgraded fan, metering system and distribution head for even distribution of nematicide and starter fertiliser products. It can also be used as a seeder with minimal modifications. It is a popular choice to apply nematicide up to 2 beds wide.



Terracast GR

KEY FEATURES

- ▶ 70 litre hopper
- ▶ Low level filling
- ▶ Air delivery
- ▶ Simple to fit and calibrate
- ▶ NSTS compliant

Options

- ▶ Hydraulic fan
- ▶ All weather cover
- ▶ Flexible number of outlets

SCAN FOR
FULL RANGE



Maxicast



POTATOES
/COVER
CROPS

Maxicast

The **Maxicast** is principally a nematicide applicator for 3 bed tillers but can also be used to apply cover crops.

Nematicide use: can be mounted either on the front or rear of the tractor. The hydraulic fan is capable of blowing nematicide from the front to the back with even distribution across a width of up to 6 meters.

Cover crop use: can be used on a power harrow to seed barley (used to prevent soil erosion on light fens soils), or growers can use a **Maxicast** to establish game cover.

Maxicast

KEY FEATURES

- ▶ 400 litre hopper
- ▶ Garmin GPS forward speed sensor
- ▶ In-cab flow rate control
- ▶ NSTS compliant
- ▶ Closed transfer filling

Options

- ▶ Front or rear mounted
- ▶ Various boom widths up to 6m
- ▶ All weather cover
- ▶ ISOBUS controller



SCAN FOR
FULL RANGE





In-Furrow V2



POTATOES

In-Furrow V2

The **In-Furrow V2** is designed to apply soil treatments like Amistar and/or Velum Prime onto the soil around the seed potato at planting. It uses a direct chemical injection pump to mix chemical with water into the spray line. A 200L tank is standard but the **In-Furrow V2** is available with a range of tank options up to 1000L.

The Techneat system has standard fitting kits for the most popular makes of planters. Optimised nozzle sizes give excellent spray pattern without drift, reduction in nozzle pressure and excellent anti-blockage properties.

In-Furrow V2

KEY FEATURES

- ▶ Separate tanks for water and chemical
- ▶ Dosatron chemical injection pump
- ▶ Easy to use and calibrate
- ▶ No spray drift
- ▶ Reduction in nozzle pressure
- ▶ NSTS compliant

Options

- ▶ Tank sizes: 100, 250, 600 and 1000 litre
- ▶ Garmin GPS forward speed control
- ▶ Flexible number of outlets



**SCAN FOR
FULL RANGE**

Placement Pro GR



POTATOES

Placement Pro GR

The **Placement Pro GR** is a front mounted fertiliser applicator. It has a robust land wheel and stainless steel components to ensure accurate, corrosion free operation. The 1200L hopper is designed to accommodate a 1 tonne bulk bag or 2 x 600kg bags of fertiliser to minimise filling time. The machine can be fitted with tines to place the fertiliser in the soil or fishtails for surface placement. The tines are staggered and boards are positioned on the sides to reduce bulldozing and maintain the integrity of the seed bed. Depth wheels control the exact height of the fertiliser bed.

Placement Pro GR

KEY FEATURES

- ▶ Land wheel driven
- ▶ Depth control wheels
- ▶ Easy to fit and calibrate
- ▶ 1200 litre hopper
- ▶ Hopper accommodates 1 tonne bulk bag or 2 x 600kg bags
- ▶ Reduction in fill time

Options

- ▶ Garmin GPS forward speed sensor
- ▶ 2 or 3 row set up
- ▶ New disc option in lieu of tines (See picture above)

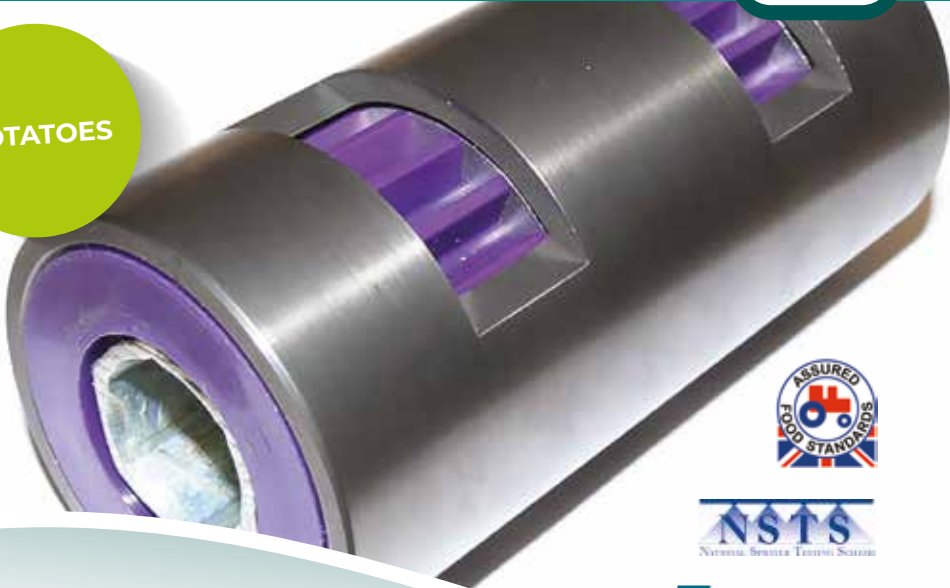
SCAN FOR FULL RANGE





NSTS Testing

POTATOES



NSTS Testing

Techneat Engineering provides a nationwide coverage of granular **NSTS Testing**, which is a requirement of the major UK crop assurance schemes and of supermarket protocols to provide the following:

- ▶ Ensure sprayer equipment and agrochemicals are being used in a manner that is safe for the sprayer operative
- ▶ Using expensive nematicide, most efficiently, getting the chemicals exactly where they are needed, with minimal money-wasting excess.

- ▶ Satisfies the sprayer testing requirements of the Sustainable Use of Pesticides Directive.

Working with a network of partners across the country we provide a calibration service for users of nematicides.

Spare parts are available for Horstine including sprockets, metering cartridges and fishtail outlets.



**SCAN FOR
FULL RANGE**

Vari-Scary - Gas Gun



BIRDSCARING

Vari-Scary mark II

The **Vari-Scary Mark II** is a propane gas-cannon with a programmable 7 day clock. Each day can be programmed in half hour intervals. The body is made of tough polyethylene plastic and has an integral handle and sculpted sides for easy handling. The ignition system creates a multiple spark in the steel combustion chamber reducing any possibility of misfire. It has a solar panel option that will trickle charge the internal battery, keeping it in perfect condition even in cold weather.

Vari-Scary mark II

KEY FEATURES

- ▶ 7 day clock (on/off each day)
- ▶ Durable and weatherproof body
- ▶ Integral handle
- ▶ Light weight
- ▶ Detachable gas-cannon

Options

- ▶ Internal battery kit
- ▶ Solar charger

SCAN FOR
FULL RANGE





Rotorscare



Techneat ROTORSCARE

The **Rotorscare** is a simple but incredibly effective bird scaring device.

Using a unique split-colour rotomoulded vane that spins - even in the lightest of breeze - the Rotorscare is a cost effective simple way that will help protect valuable crops.

They are shipped assembled ready to be installed. Simply hammer the stake into the ground and get scaring straight away - To increase effectiveness simply install more Rotorscares - Available to purchase singularly or in packs of 5 from our webshop.

BIRDSCARING

Rotorscare

KEY FEATURES

- ▶ Zinc plated Stake for longevity
- ▶ PTFE washer for reliable spinning action
- ▶ Sturdy baseplate for stability
- ▶ Rotomoulded Vane in proven colours to deter birds
- ▶ Easily to install - no assembly needed

SCAN FOR
FULL RANGE



Acuspray



GROUND CARE



Acuspray

The **Acuspray** pedestrian sprayer is aimed at the professional groundsman and keen gardener for the application of a wide range of products onto fine turf and hard surfaces.

The machine features a unique wheel driven pump providing an accurate repeatable application rate. Light weight in design but strong in construction the sprayer uses modern manufacturing processes to produce a robust and durable machine.

The **Acuspray** is ideal for grass court venues, golf greens, bowling greens, cricket squares and grave yards where frequent treatments are required.

Productivity, ease of use and accuracy is far superior to that of a traditional knapsack sprayer.

Acuspray

KEY FEATURES

- ▶ 1 meter spray width
- ▶ 25 litre tank capacity
- ▶ 625m² coverage
- ▶ Non drip nozzle valves
- ▶ Suitable for most chemicals

Options

- ▶ Bout markers
- ▶ Boom cover
- ▶ Spray control lever

**SCAN FOR
FULL RANGE**



PRODUCT GUIDE



Acuspray Solo



GROUND CARE

Acuspray Solo

The **Acuspray Solo** is a battery operated pedestrian sprayer used to apply pesticides, liquid fertilisers or moss treatment to large playing surfaces and fine lawns.

With a 35l tank and high capacity battery powered Shurflo pump for even spray application with adjustable pressure regulator. Folding boom allows easy carriage and narrow gate access.

Perfect for bowling greens, golf greens and fine turf areas.



Acuspray Solo

KEY FEATURES

- ▶ High capacity 12v, 10ah Li-on battery
- ▶ Spray Width 2m
- ▶ Fastcap & flat nozzles fitted as standard
- ▶ 35 litre tank with drain plug for approx coverage
- ▶ In line removable filter for easy cleaning
- ▶ Pressure gauge in Bar & PSI Adjustable regulator allows easy pressure/ output change
- ▶ Drip check valves and nozzle filters fitted as standard
- ▶ Includes charger for in-situ or removable battery charging

SCAN FOR FULL RANGE



SPPS



The **SPPS** is a self-propelled pedestrian sprayer providing world class lawn care at many of the leading UK sporting venues including LTA tennis courts, premier ship football clubs, golf courses and cricket clubs. Overseas the **SPPS** is used at football clubs in the Italian Serie A and French Ligue 1 leagues and at the African Cup of Nations grounds.

The **SPPS** is also used worldwide by the Commonwealth War Graves Commission and by many County Councils within their amenity departments. A number of large

franchise lawn care professionals also use the **SPPS** within their portfolio of equipment as they are lightweight and easy to manoeuvre.

A 5.5hp Honda engine provides ample power and torque to propel the sprayer over undulating ground. The unique transmission configuration allows the pump to run continuously providing tank agitation, whilst drive to the front wheels is made possible through an efficient clutch arrangement.

Excellent manoeuvrability is achieved through the use of a differential on the front axle and

PRODUCT GUIDE



GROUND CARE

SPPS

KEY FEATURES

- ▶ Ultra- low ground pressure tyres
- ▶ 5.5hp Honda engine
- ▶ Excellent manoeuvrability
- ▶ Clutch drive system
- ▶ Non drip nozzles



a rear castor wheel. Low ground pressure tyres ensure that the **SPPS** sprayer can be used when ground conditions are less favourable.

Options

- ▶ 3 or 4 meter boom
- ▶ 80 or 120 litre tank
- ▶ Boom cover
- ▶ Foam bout marker



SCAN FOR FULL RANGE



Pro-ESpray- 24v electric drive sprayer



Pro-ESpray

Developed from a long pedigree of Self Propelled Pedestrian Sprayers the Pro-ESpray is the “real-deal” in battery powered electric sprayers - offering unrivalled performance, control and safety built-in.

Key Features include high capacity Li-on battery and diaphragm pump specified to offer excellent flow and pressure outputs. The controls follow our extensively used engine-driven SPPS with individual three way boom section controls. This coupled to the triple nozzle holders on the 3 or 4m boom options makes The Pro-ESpray is a very capable machine aimed at the professional Groundsman or

Contractor.

Operator noise exposure and vibrations have been a key consideration in the development of the Pro-ESpray. Both vibration and noise are practically eliminated.

Safety when using Battery powered machinery is paramount. Alongside our supply partners we have developed an electrically compliant machine which is safe to operate and charge. Fused supplies, Auto brake, Emergency stop and a resettable fuse are all built in to protect the operator.

All controls whether linked to the spray or drive operations are at the operators finger tips, A neatly

PRODUCT GUIDE



GROUND CARE

constructed console houses the main on off switch (key), Direction and Pump activation switches, Along with a battery condition indicator.

Spray performance is essential - The main components in achieving this are excellent pump performance, Quality nozzles, Tank agitation and the ability to select the correct spray nozzle easily. All the above has been carefully considered in the development of the Pro-ESpray.

From Stadiums to Schools, Golf courses to Cricket Clubs, Gravel Car parks to Station platforms the Pro-ESpray has a part to play.

Pro-ESpray

KEY FEATURES

- ▶ Excellent Maneuverability
- ▶ Low decibel operation
- ▶ Low vibration
- ▶ Fingertip controls
- ▶ Ultra low ground pressure
- ▶ Electrical Safety compliance
- ▶ Tank agitation



SCAN FOR
FULL RANGE

Prodrift



GROUND CARE

Prodrift

The Prodrift keeps spray drift to an absolute minimum whilst maintaining maximum accuracy and offers unparalleled maneuverability due to its unique 3 wheel set up.

A brand new addition to the Techneat range of sprayers - The Prodrift - uses a High Power Li-On Battery to power a 12v pump supplying 4 spray nozzles mounted into a spray hood. Using 2 fixed wheels and a single pivot wheel at the front the machine is extremely easy to use and spray up against boundaries - its flexible skirt retaining all spray drift. This enables the machine to be used in not only critical areas but in less than favorable weather conditions.

Prodrift

KEY FEATURES

- ▶ Excellent Maneuverability
- ▶ Low decibel operation
- ▶ Low vibration
- ▶ Tough Rotomoulded Boom cover with integrated skirt
- ▶ Unique 3 wheel set up
- ▶ Maximum Accuracy around boundaries

There is pressure control which is easy to adjust and monitor using the highly visible pressure gauge. A simple handle bar mounted on/off switch makes day to day use very easy.



**SCAN FOR
FULL RANGE**

PRODUCT GUIDE



Weed Wizard



GROUND CARE

Weed Wizard

KEY FEATURES

- ▶ Targeted weed control
- ▶ Highly productive
- ▶ Environmentally friendly
- ▶ Adaptable technology
- ▶ Minimal herbicide use
- ▶ Automised application
- ▶ No blanket spraying
- ▶ All terrain

Suitable for treatment on

- ▶ Path/cycle ways
- ▶ Kerb edges
- ▶ Block paving
- ▶ Gravel hard standings



SCAN FOR FULL RANGE

Techneat Tanks

Techneat TANKS .co.uk

The Techneat Fuel Tank range includes purpose designed 100L 220L and 440L models. Fitted with diesel and AdBlue specific 12v pumps, the robust high quality tanks offer a convenient, cost effective and safe way to transport and accurately dispense liquids. The AdBlue tanks utilise a specific high capacity pump fitted for reliable delivery of the urea based fuel additive. The diesel tanks are fitted with self-priming fast flow fuel pumps. The tanks are



manufactured from high grade polyethylene at our roto-moulding facility in Littleport. AdBlue and diesel transfer pump kits are also available to purchase.

110 & 220

KEY FEATURES

- ▶ Diesel 40L/min
- ▶ AdBlue 40L/min
- ▶ 6-7mm wall thickness
- ▶ UV stable PE
- ▶ 5 meter delivery hose
- ▶ High flow 12v pump
- ▶ Weights: 110L – 12kg; 220L – 20kg

Options

- ▶ Flow meter
- ▶ Auto nozzle
- ▶ Longer delivery hose available
- ▶ 220L low profile tank suitable for back of pick-up trucks (20kg weight)

440

KEY FEATURES

- ▶ Diesel 50L/min
- ▶ AdBlue 50L/min
- ▶ 6-7mm wall thickness
- ▶ UV stable PE
- ▶ 25kg weight (empty)
- ▶ In-line filter
- ▶ Auto off nozzle
- ▶ Forklift tine slots
- ▶ Lockable lid
- ▶ Weight: 35kg
- ▶ 5 meter delivery hose

Options

- ▶ Flow meter
- ▶ Longer delivery hose available

PRODUCT GUIDE



Tanks for Valeting Systems, Drinking Water, Window Cleaning, Water Butts, Rain Water Harvesting, Fuel Storage and Agricultural. Tanks ranging from 1000L to 20000L and a wide range of harvesters and filters to suit your needs/roof sizes.



RAINWATER TANKS

Rainwater Tanks

KEY FEATURES

- ▶ 10L to 20000L
- ▶ Natural version
- ▶ WRAS Approved
- ▶ Fully recyclable
- ▶ UK Made



SCAN FOR FULL RANGE

Con-Tented Products



CON-TENTED Products

Con-Tented Products is part of the Techneat Engineering family, a UK manufacturer based in Cambridgeshire. We design and manufacture a range of innovative and quality products for the outdoor pig industry.

With our years of experience in plastic moulding and metal fabrication, we have created a portfolio of products designed to increase productivity and profit by protecting the welfare of pigs. Our products are proven through extensive field trials to out-perform traditional equipment, providing

benefits to pig and farmer alike. All our products are made using durable plastic and metal (with a 25 year galvanised finish) at our UK factory.

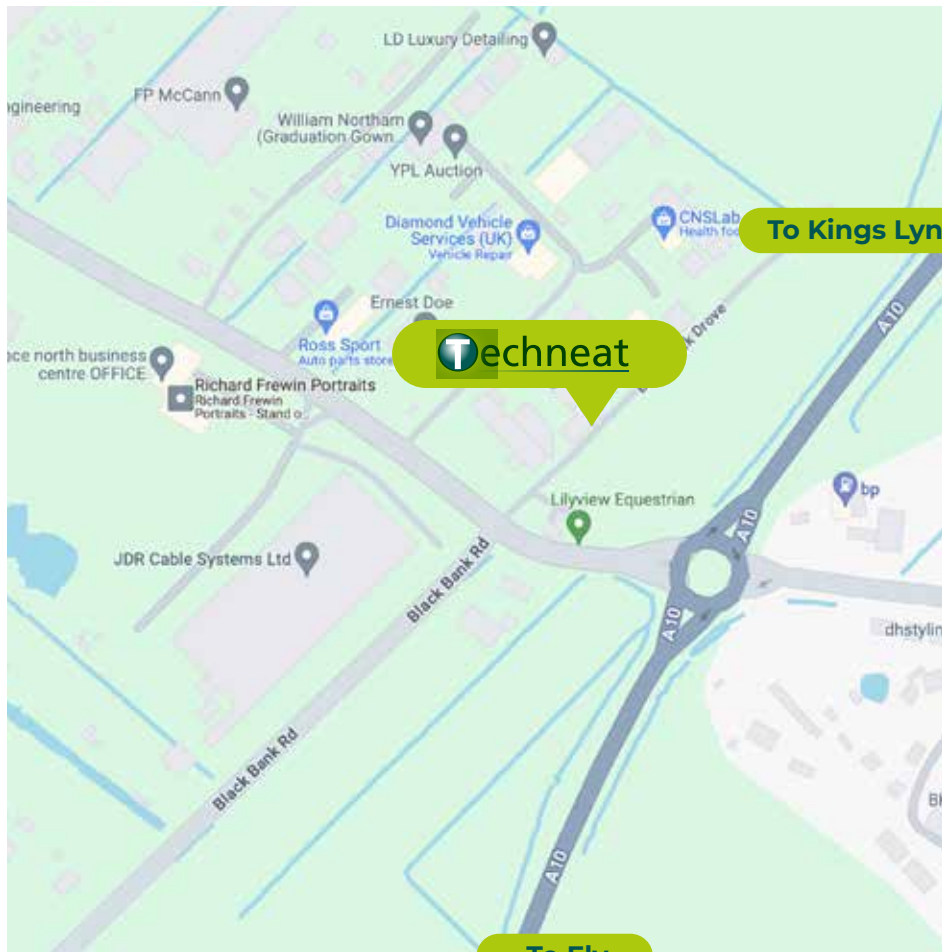
Con-Tented Products continues to work closely with pig producers and farmers to develop new equipment and to fill gaps in the market where recognised, such as the outdoor Adlib Farrow Feeder, the bigger Aardvark, the Aardvark XL Farrowing Ark Creep Feed Station and the impressive Weaner/Dry Sow/Gilt Hut. New for this year, our Armadillo Quad farrowing hut.

PRODUCT GUIDE



**SCAN FOR
FULL RANGE**

How to Find Us



Techneat Engineering Ltd

Unit 2 Henry Crabb Road Industrial Estate
Littleport, Ely
Cambs,
CB6 1SE

PRODUCT GUIDE



Notes

A series of horizontal dotted lines spanning the width of the page, intended for taking notes.



Techneat Engineering Ltd

Unit 2 Henry Crabb Road Industrial Estate
Littleport,
Ely
Cambs,
CB6 1SE

Tel: 01353 862 044

Email: info@techneat.co.uk

www.techneat.co.uk

f /techneatengineering **X** @techneat