

TEAM ACA

CHEMICAL INJECTION SYSTEM



Features

- Proven reliable design
- Cost saving on chemical costs
- Eliminates chemical blockages
- Improved health and safety
- Accuracy of chemical application
- Simple calibration
- Ease of use
- Powder coated chassis for chemical resistance
- Can be retro-fitted to existing applicators

Standard Fittings

- 1-10% Chemical injector
- 12 Ltr Chemical tank
- Suction and pressure filters
- Syngenta link pack adaptor
- Clean water tank flush
- Chemical tank drain valve
- Liquid level gauge

By injecting the chemical into the clean water supply at the desired percentage ensures constant accuracy and usage of the chemical. The injected rate of chemical can be manually adjusted between 1 and 10%, according to the desired forward speed of the planter.

The '**tried and tested**' Team ACA Chemical Injection system has been designed to maximise accurate chemical application in furrow whilst planting. By separating the chemical from the main tank of clean water, avoids any problems with the chemical solution 'settling out' and causing nozzle and system blockages.

The injection system and chemical tank can be flushed with clean water.



TEAM **BASIC** COMPACT 90

LIQUID APPLICATOR



Features

- Proven reliable design
- For applying liquid formulation either On-Planter or On-Harvester
- 4-stage liquid filtration
- High pressure twin diaphragm pump
- Robust, powder coated chassis
- Quick fit plugs, fittings on wiring loom, spray lines and nozzles

Standard Fittings	Optional Extras
<ul style="list-style-type: none"> • High pressure twin diaphragm pump • 90Ltr polythene tank • Manual in-cab stop/start spray controls • Powder coated robust steel constructed chassis complete with mounting brackets • Clean water hand wash tank 	<ul style="list-style-type: none"> • ACA 12Ltr chemical injection system (manually adjustable 1-10% rate) • 120Ltr main tank • Extra nozzle kits for 3, 4 and 6 row planters

Tanks	Nozzles	Pump	Controls
Impact resistant polythene	Brass, 200ml each, 20° front, 65° rear	12V 15Ltr/min twin piston diaphragm	In-cab manual spray on/off controls, manual pressure regulation

The Team basic Compact 90 On-planter liquid applicator has been designed to apply liquid formulations 'in-furrow' whilst planting. A system working pressure of 5 bar reduces the risk of nozzle blocking, whilst maintaining the flow of solution and ensuring nozzle performance. This tried and tested design gives reliability and peace of mind throughout the planting season. By adding the option of the ACA chemical injection system eliminates the need for tank mixing, nozzle blockages and ensures dilution and application rates are exact

Note: Unit also used for application of Storit Super On-Harvester with ACA injection system.

Weight & Dimensions

Weight - 35 Kgs

Transport Width - 0.47 Mtrs

Length - 0.9 Mtrs

Height - 0.77 Mtrs



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TEAM COMPACT

IN-FURROW LIQUID APPLICATOR



120Ltr version with ACA chemical injection

Features

- Proven reliable design
- Accurate chemical application
- 4-stage liquid filtration
- Powerful high pressure twin diaphragm pump
- Robust powder coated chassis
- Quick fit plug fittings on wiring loom and spray lines
- Planter mounting points incorporated in main chassis

Standard Fittings	Optional Extras
<ul style="list-style-type: none"> • High pressure twin diaphragm pump • 90L polythene tank • Individual nozzle blockage indication and audible buzzer • Manual or automatic headland spray on/off switching • Powder coated robust steel constructed chassis complete with mounting brackets • Clean water hand wash tank • External wash down kit 	<ul style="list-style-type: none"> • ACA 12Ltr chemical injection system (manually adjustable) • ARAG Bravo 180S auto spray rate controller with GPS speed receiver • 120L or 200L main tank • Extra nozzle kits for 3, 4 and 6 row planters

Tanks	Nozzles	Pump	Controls
Impact resistant polythene	Hollow cone from 50 – 200 l/ha	12V 15 L/min twin piston diaphragm	In-cab fully automatic spray controls, manual pressure regulation

The Team Compact On-planter liquid applicator has been designed to apply liquid formulations such as **Amistar & Velum** 'in-furrow' whilst planting. A system working pressure of 5 bar reduces the risk of nozzle blocking, whilst maintaining the flow of solution and ensuring nozzle performance. This tried and tested design gives reliability and peace of mind throughout the planting season. By adding the option of the ACA chemical injection system eliminates the need for tank mixing, nozzle blockages and ensures dilution and application rates are exact

Weight & Dimensions (120 version with ACA)

Weight - 35 Kgs
 Transport Width – 0.6M
 Length – 1.2M
 Height – 0.9M



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TEAM DIGIMON CONTROLLER



The **NEW** Team **Digimon** control box has been developed to increase the accuracy of applying powder formulations to tubers whilst planting, it simplifies the calibration of the on-planter Powder Applicator and maintains the accuracy to within plus or minus 5% of the target rate to be applied. Supplied with planter-mounted junction box containing hopper power feeds and control sensor.

KEY FEATURES:

- Overall hopper calibration (+/- 5%) accuracy
- Adjustable chemical application rates (0.6 – 5Kg/ton)
- Large digital display readout
- Will control 2 and 3-row applicators
- DS and IM powder selection
- Simple 'touch-button' programming
- Multi hopper prime switch
- Quick release electrical connection
- Hopper calibration kit
- Can be retro fitted to existing Team powder applicators



Putting you in control

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TEAM FRONT MOUNTED IN-FURROW LIQUID APPLICATOR



250Ltr version shown

Features

- Proven reliable design
- Accurate chemical application
- 4-stage liquid filtration
- High pressure twin diaphragm pump
- Robust, powder coated chassis
- Quick fit plug fittings on wiring loom and spray lines

Standard Fittings	Optional Extras
<ul style="list-style-type: none"> • 250L 3-point linkage front tank • 1-10% ACA chemical injection system (planter mounted) • 12V high pressure twin diaphragm pump • Impact resistant polythene 250L tank • 3-Point linkage chassis • Clean water system flushing • In-cab controls with nozzle blocking indicators and buzzer • Automatic headland spray on/off • Demount leg kit 	<ul style="list-style-type: none"> • 300L, 400L, 600L, 800L or 1000L tanks • ARAG Bravo 180S auto rate controller with GPS speed control • Extra nozzle kits for 3, 4 and 6 row planters • Bull bar & LED road lighting kit

Tanks	Nozzles	Pump	Controls
Impact resistant polythene	2 per planter row Front 20 deg' Rear 65 deg'	Heavy duty 12V 15Lpm piston diaphragm	In-cab fully automatic spray controls, manual pressure regulation

The Team On-planter front mounted liquid applicator has been designed to apply liquid formulations 'in-furrow' whilst planting. The tried and tested design gives reliability and peace of mind throughout the planting season, supplied with clean water flushing system. A system pressure of 5 bar reduces nozzle blocking, maintains the flow of solution and ensures nozzle performance.

Weight & Dimensions for 250L

Weight - 60Kg
Transport Width - 1M
Length - 1.3M
Height - 1.1M

New for 2019
ARAG Bravo 180S auto rate controller (GPS speed)



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TEAM FRONT MOUNTED

Liquid fertiliser application system

Features



1500L version shown (2014 onwards)

- New 1000L & 1500L low-line tank for maximum operator forward vision as shown
- Proven reliable design
- Impact resistant polythene tank
- Highly engineered, strong chassis
- Front and rear sight gauge
- Robust steel chassis with demount legs

Standard Fittings	Optional Extras
<ul style="list-style-type: none"> • 600Ltr polythene tank • Hydraulic powered pump • Manual pressure regulation • Planter mounted placement tines (Potato version only) • Planter/drill mounted liquid distribution manifold • Tank fill valve and hose kit • Bull bar & road lighting • Demount storage legs • Quick fit couplings on all hoses • CAT 2 3-point linkage frame 	<ul style="list-style-type: none"> • 800/1000 or 1500L tank • RDS Computerised spray-rate control system (GPS radar compatible) • Headland spray on/off switching • In-cab spray override switching • Stainless steel chemical inductor (front mounted) • Stainless steel pump • Tank pump-out valve • Flow guard blockage detection • Clean water, hand wash tank • Clothes locker • Bolt-on mounting frame

Tanks	Pump	Standard controls
Impact resistant polythene	Hydraulically driven Centrifugal (430Lpm 12 bar max pressure)	Manual pressure regulation and in-cab spray on/off switching

The Team Front Mounted liquid fertiliser applicator enables the grower to incorporate liquid fertiliser whilst planting or drilling, by incorporating the solution into the soil at the desired rate. The high capacity hydraulic pump ensures that the tank solution is kept agitated at all times and the close coupled CAT 2 linkage frame and demount legs enable the unit to be quickly mounted or demounted from the tractor.

Weight & Dimensions

Weight - 200 Kgs

Transport Width—1.7 Mtrs (800L version)

Transport Width—2.1 Mtrs (1000 & 1500L version)

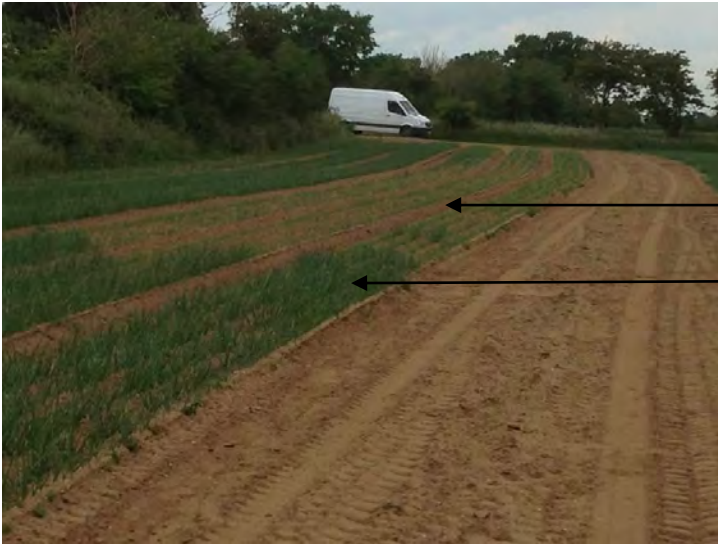
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Applicator off

Applicator on



Applicator on

Applicator off



Applicator on

Applicator off

Pictures courtesy of RWL Services - Richard - 07534 948361

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TEAM POWDER APPLICATOR



Features

- Chemical transfer tube for reduced operator exposure and improved H&S
- Increased output
- Accuracy of powder application
- Simple calibration
- Ease of use
- Powder coated chassis for chemical resistance



HOPPER UNITS	DRIVES	OPERATION	CONTROLS
One hopper per row (2-row planter 2 hoppers), powder coated steel hoppers hold approximately 2 boxes of powder each. Supplied with fixing brackets.	Powered by 12 Volt motors, steel augers meter the powder to the centre of the planter cups.	After initial calibration the units will start/stop and alter speed automatically with the planter.	Standard analogue control features: <ul style="list-style-type: none"> • Output set @ 2Kg/ton • Prime function, • DS or IM powder selection • Main power on/off • Quick release loom

OPTIONAL EXTRA



Required for EMESTO Prime
&
RhiNo DS formulations



The **NEW Team Digimon** control box has been developed in association with **Bayer Crop Science** to increase the accuracy of applying powder formulations when used in conjunction with the Team Powder Applicator. The controller provides a pulsed output to drive **two** or **three** individual applicator hoppers. Calibration is within +/- 5%, adjustable output from 0.6Kg/ton upwards, DS or IM selection.

From 2012 the re-designed Powder Applicator provides a safe and very accurate powder dispensing system for '**Cup and Belt type**' planters, applying powder formulations to each row of the planter. An electric drive system is used to meter the product and after initial set up the only adjustment necessary is for various tuber weights. New for 2013 the *Chemical transfer tube*, for reduced operator exposure and improved health and safety.

Various fitting kits available for 3, 4 and 6 row planters

