



FLEXI-COIL PRODUCT GUIDE

Liquid Systems (SA) Liquid Ready Fert Kits for Flexi-coil 7260 / 5560 / 4460 Air Carts



IN-FURROW. ACCURATE. EFFICIENT. TRUSTED

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www.liquidsystems.com.au

FLEXI-COIL LIQUID READY KITS

Liquid Systems (SA) Liquid Ready Fert Kits for Flexi-coil 7260 / 5560 /4460 Air Carts

The LQS120FC Liquid Ready Fert Kit includes everything required to add liquid functionality to all three carts.



FLEXI-COIL			LIQUID KIT RECCOMENDATIONS			
Cart Size	TBT	TBH	Liquid Tanks	Liquid Capacity	LQS Install Kit CODE	LQS Module Kit CODE
4460	Yes	Yes	Middle	3700 L	LQS-FC4460TBT or LQS-FC4460TBH	LQS120FC
			Middle	3700 L		
5560	Yes	Yes	Front	6695 L	LQS-FC5560TBT or LQS-FC5560TBH	
			Middle	3700 L		
7260	No	Yes	Middle	5991 L	LQS-FC7260TBH	

LQS120FC Pump & Control Module Kit is factory fitted at CNH, Mannum, South Australia.

CART SPECIFIC INSTALL KITS INCLUDED

PUMP MODULE & 300LT FLUSH TANK

COMPLETE PLUMBING KIT - is supplied specifically to each Air Cart size and type.
SECTION HARNESS - is supplied with a 6m(TBT) or 8m(TBH) Section Loom Extension



LQS120FC – FLEXI-COIL LIQUID READY MODULE KIT SPECIFICATIONS

Function	High Volume Single liquid rate control	
Max. Output	LQS120FC 126LPM 33GPM (US) 27.7GPM (Imperial)	
Dimensions	W 2130mm x D 1000mm x H 1100mm	
Weight (dry)	LQS120FC 230kg (Module, 300Lt Tank & Base)	
Pump	Hydraulically driven positive displacement piston diaphragm pump	
Hydraulic Flow	27.5 LPM 7.3GPM(US) 6.0 GPM (Imperial)	
Electrical 12V DC	Single Swath	2A
	Section Control (8 sections)	6A
Included	• Complete Mounting Chassis Kit for mounting the combined Pump Module and 300L Flush Tank • Separate Fill station kit and Termination fascia kit • Complete plumbing kit including Hydraulic supply hose kit • Centre Tank Lid Assembly FEATURES: • Factory wet tested & CNH Factory Installed • Precision rate control valve set incorporating fast shutoff regulating valve and flowmeter • Module mounted pressure gauge and Suction filter • Pressure transducer & pump speed sensor for on screen monitoring • Front panel controls for fertiliser/clean water tank selection & function selection (operate, purge, dump) • Prescription map variable rate control when integrated with precision ag controllers & displays • Section Control compatible	

FLEXI-COIL PRECISION AG CONTROLLER

LQS120FC is integrated with Raven RCM connected to an ISOBUS compatible display. This is the standard factory fitted controller. Please follow the Setup Guide <https://liquidsystems.com.au/technical/support/>

MODULE WARRANTY

The LQS120FC Module Warranty Registration and Applications must be processed through Flexi-Coil Australia.
Call: +61 8 8561 6200 or email: mannum@cnhind.com

Please read our [WARRANTY STATEMENT & REGISTRATION](#) on our website for further information.

STACKER DISTRIBUTION KITS

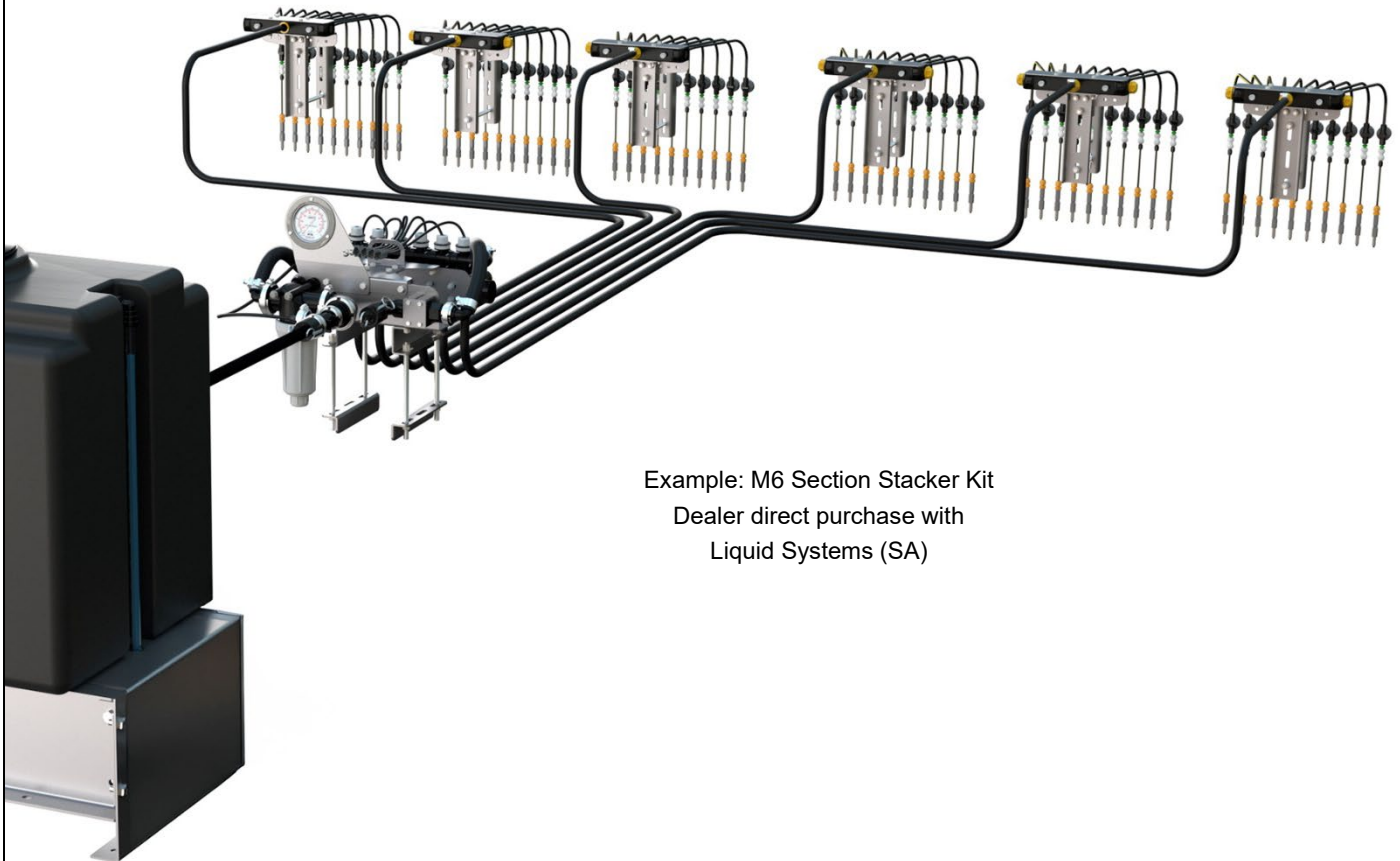
Liquid Systems (SA) is the preferred liquid distribution kit supplier for the Flexi-coil Air Drills

Stacker Kits are to be purchased directly from Liquid Systems (SA)

The “Stacker” Kit is an integral part of the Liquid Ready Kit. It provides custom components and plumbing to deliver/distribute liquid products in-furrow. The “Stacker” Kit is engineered to deliver the liquid product under controlled positive pressure all the way to the opener terminals with row-to-row accuracy and even distribution.

The manifold is the core of the “Stacker” Kit. The manifold has been designed for multiple stacking and interconnecting to give the customer total flexibility for system installation on any size tillage bars and planters. The stacking manifold enables independent multiple liquids in one pass.

The “Stacker” Kit comes complete with everything needed for any bar width, including a range of terminal assemblies to suit different openers, application rates, products & row spacing.



Example: M6 Section Stacker Kit
Dealer direct purchase with
Liquid Systems (SA)

AIR TOOL STANDARD STACKER MANIFOLD CONFIGURATIONS

Our standard manifold configurations provide even distribution of liquid across tillage bars with up to 100 rows. Configurations are available with from one to six manifold assemblies, in single or dual liquid configurations. Each manifold can deliver liquid to up to 20 rows.

To avoid damage to delivery tubing, at least one manifold per folding section is required. i.e. a double fold tillage bar requires 5 manifolds.

SINGLE (Configurations below to suit most Flexi-Coil bars, more options are available)

Order Code	Configuration Description
LQS-ASST3	M3 Single Stacker (max. 60 outlets) (suits single fold bars)
LQS-ASST5	M5 Single Stacker (max. 100 outlets) (suits double fold bars)

Example. M3 Single Stacker



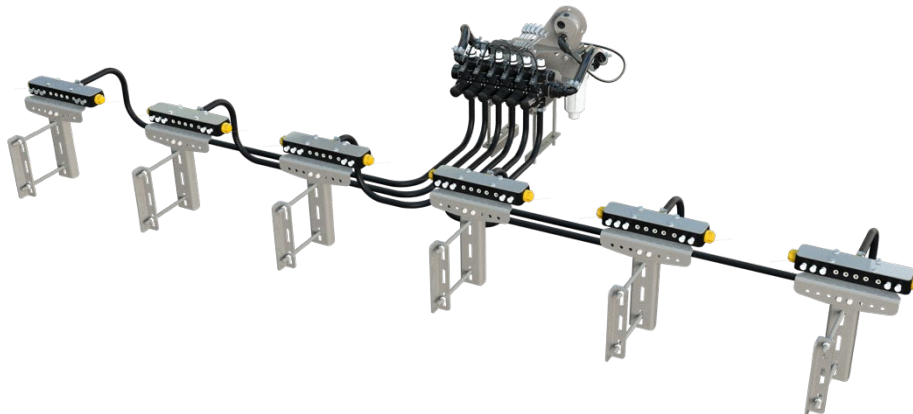
AIR TOOL SECTION CONTROL STACKER MANIFOLD CONFIGURATIONS

Section Control manifold configurations include a Section Control kit. This kit incorporates 3-way electric ball valves in a constant flow configuration for instantaneous shut-off with seamless rate control. The kits come with a stainless-steel mounting bracket, pressure gauge and line filter.

SINGLE (Configurations below to suit most Flexi-Coil bars, more options are available)

Order Code	Configuration Description
LQS-ACST6FC	M6 Section Control Single Stacker (max. 120 outlets) inc section loom
LQS-ACST7FC	M7 Section Control Single Stacker (max. 140 outlets) inc section loom
LQS-ACST8FC	M8 Section Control Single Stacker (max. 160 outlets) inc section loom
LQS-ACST9FC	M9 Section Control Single Stacker (max. 180 outlets) inc section loom

Example. M6 Section Control Single Stacker



* Additional Extension Loom may be required.

AIR TOOL TERMINAL CONFIGURATIONS

Liquid Systems has a range of terminal configurations for liquid distribution setups on air seeder tillage bars. With Air Tool Terminal Configurations, the line from each manifold outlet can be split into two separate delivery lines. All terminal configurations include in-line check valves for quick shut-off and start-up. All connections are push-fit for simple assembly and maintenance.

FIBP 5MM FRICTION TUBE - ID 1.2mm

Order Code: LQS-AT5F



- 8mm tees to split flow from manifold.
- 8mm delivery line
- inline check valve
- 8-5mm stem reducer
- L08077 Rubber union
- LL08212 Line Locker
- **5mm** OD x **1.2mm** ID yellow terminal tube

Fits to 9.53mm (3/8") OD x 6.27mm ID stainless steel delivery tube (not included).

Permits large bore/ultra-low application. Ability to apply difficult materials. Back pressure is created via line friction - the longer the line the higher the back pressure.

FIBP 5MM FRICTION TUBE - ID 1.5mm

Order Code: LQS-AT5PKF



- 8mm tees to split flow from manifold.
- 8mm delivery line
- inline check valve
- 8-5mm stem reducer
- L08077 Rubber union
- LL08212 Line Locker
- **5mm** OD x **1.5mm** ID Pink terminal tube

Fits to 9.53mm (3/8") OD x 6.27mm ID stainless steel delivery tube (not included).

Permits large bore/ultra-low application. Ability to apply difficult materials. Back pressure is created via line friction - the longer the line the higher the back pressure.

FIBP 5MM FRICTION TUBE - ID 1.8mm

Order Code: LQS-AT5GF



- 8mm tees to split flow from manifold.
- 8mm delivery line
- inline check valve
- 8-5mm stem reducer
- L08077 Rubber union
- LL08212 Line Locker
- **5mm** OD x **1.8mm** ID Grey terminal tube

Fits to 9.53mm (3/8") OD x 6.27mm ID stainless steel delivery tube (not included).

Permits large bore/ultra-low application. Ability to apply difficult materials. Back pressure is created via line friction - the longer the line the higher the back pressure.

OPTIONAL ACCESSORIES

Check Valve Saddle - fit Air Hose 38-39mmOD

Order Code: LL08311

The Check Valve Saddle fits 38-39mmOD Air hose. Understanding what farmers go through we are sure they will welcome this product to help mount the Check Valve on the air hose firmly in a safe position. If Air Hose is 31-32mmOD check out our adaptor sleeve.



Adaptor Sleeve –fit Air Hose 31-32/39mmOD*

Order Code: L08112

The adaptor sleeve allows fitting 39mm OD check valve saddles & wrapping guides to 31-32mmOD air hose.



Wrapping Guide - fit Air Hose 38-39mmOD

Order Code: L08109

These guides give users Friction Tube flexibility! Make it straight or as a helix wrap in tightly held positions at specific areas around seed and dry fertilizer delivery hose. The guides are custom moulded to carry our **LQS 5.0mm OD friction tube**.

The guides snap fit to 38-39 mm OD delivery hose. See the Adaptor sleeve to enable fitment to smaller diameter hose.



Seamless Tube 6.3 OD x 1.2 WT 316 SS

Order Code: PR-T006.3CASA

Stainless Steel tube to enable Terminal Assembly adaptation to existing openers. Tube is cut to length.



Seamless Tube 9.5 OD x 1.6 WT 316 SS

Order Code: PR-T009.5DASA

Stainless Steel tube to enable Terminal Assembly adaptation to existing openers. Tube is cut to length.



LIQUID SYSTEMS (SA) QUOTE & SALES PROCESS

ORDER PLACEMENT

- Once a liquid capable cart and bar has been ordered from Flexi-Coil, to ensure timely pre-seeding delivery, Liquid Systems (SA) requires dealers to order Liquid Ready Fert Kits and Stacker Distribution Kits at the same time.

GET A QUOTE

- Complete our [ONLINE ENQUIRY FORM](#) with your client.
- Once we have received the form submission, we will get back to you with a quote (usually within 24 hours).
- We are available for further discussion with you and your client to answer any further questions if required.
- Once the Quote has been confirmed with the client, PLEASE raise a purchase order to proceed.

GET SUPPORT

- [ONLINE SUPPORT CONTENT](#)
- Please read our [WARRANTY STATEMENT & REGISTRATION](#) for further information.

We pride ourselves in supporting our customers ensuring they are up and running as quick as possible. If you or any of your staff have any queries regarding our products, parts or installation please do not hesitate to call.

We are a friendly bunch and sometimes a quick call saves a lot of time. **CALL +61 8 8357 4437** or
Email: sales@liquidsystems.com.au

LET'S GET SOCIAL

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