

PRACTICAL – Fitted easily to most boom sprayers, spray operators can simply change application rates from the cab without ever changing nozzle sizes.

ACCURATE – Applies liquid fertilisers to wheat and other crops. Each of the four outlets on the AutoStreamer are designed to ensure consistent delivery of fertiliser over the range of operating pressures.

EFFICIENT – Vertical streams of fertiliser ensure precision targeting of liquid fertiliser with no overlap. Product application is unaffected by boom height or when working across a slope.

ECONOMIC – Reduces waste, offers increased speed and flexibility and provides a more cost-efficient utilisation of labour and machinery.

CONSISTENT – Provides a uniform delivery of liquid fertilisers despite windy conditions or uneven ground.

SAFE – Reduces waste and cost, removes risk from spray drift contamination and eliminates field run-off to ditches and hedgerows. Can be applied right up to the field boundaries.

AUTOSTREAMER APPLICATION CHART

Litres per hectare	SPEED RANGE USING 1.1 TO 2.6 BAR Speed in kph @ 50cm nozzle spacings																	
	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
60																		
120																		
180																		
240																		
300																		
400																		
500																		
600																		
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900																		
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1400																		
1500																		
2000																		
2500																		



Dealer stamp



If you have questions regarding specific configurations, or need any further information contact
Billericay Farm Services. Tel: 01268 710237
 E-mail: stores@bfs.uk.com or visit www.bfs.uk.com



AutoStreamer



Set it and forget it!

Now you can have precision, variable rate, drift-free application of liquid fertilisers, with the rate of application adjusted from within the cab.

- No adjustments to nozzles
- No nozzle changes
- No flow dials to rotate or slide
- No metering disc changes

AutoStreamer



A totally unique and technologically advanced liquid fertiliser applicator

Billericay Farm Services Ltd has pioneered the development and use of dribble bar applicators for over 30 years and the current model received the LAMMA Award for technological innovation and went on to become the UK's leading liquid fertiliser applicator.

Following this success, BFS undertook a detailed analysis of liquid fertiliser application and, following exhaustive trials, both in their engineering laboratory and the field, the company developed a unique 'new generation' liquid fertiliser applicator, the

AutoStreamer.



The BFS AutoStreamer allows the operator to make significant changes to the flow rate, without leaving the cab, by just entering a new application rate into a flow-based rate controller controller.

Using a clever quad-valve system encased in a specially developed rubber sleeve, the AutoStreamer allows the operator to achieve, if required, a ten-fold increase in flow rates from only a three-fold increase in pressure.



An integral hook, combined with an optional flexible band keeps bars aligned

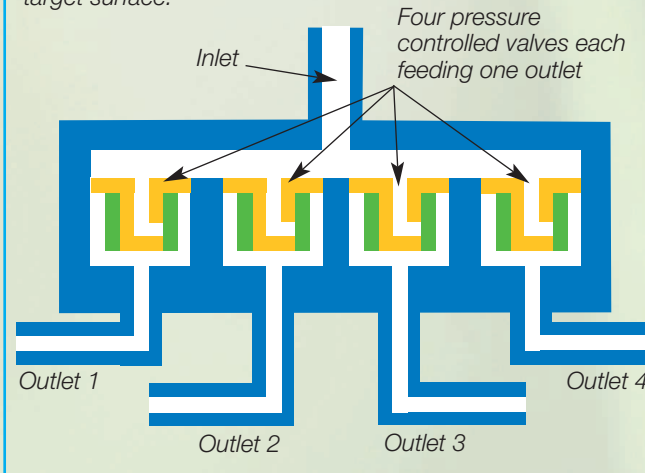
How does it work?

As the liquid fertiliser enters the AutoStreamer the flow is channeled into four individual outlets, each having its own pressure sensitive 'auto-valve' which adjusts the flow to the outlets according to demand.



So all the operator has to do is simply enter a new application rate in the sprayer controller to change one rate to another when moving between different field and/or crops. This flexibility allows application rates to vary from 60-1000 litres per hectare, achieved with a pressure range of 1-3 bars.

Spray solution enters the inlet and, through four pressure-controlled valves, is directed into four independent channels and exits out as accurately directed streams of solution to the target surface.



Individual port feeds eliminate the risk of uneven flow from the bar when working across a slope and the weight on the boom is halved.

The AutoStreamer ensures precision application of liquid fertiliser to the target surface, right up to the field margins.

The environment

Because the BFS AutoStreamer is accurate, spray drift is eliminated as is the unnecessary contamination of the soil and surrounding environment.



What the papers say...

"Using a clever quad-valve system encased in rubber, the AutoStreamer allows a ten-fold increase in flow rates to be achieved from only a three-fold increase in pressure."

Farmers Guardian, February 2010

"...Billericay Farm Services has automated rate changes by replacing fixed-size flow restrictors with a pressure sensitive variable-flow valve... Individual port feeds eliminate the risk of uneven flow from the bar when working across a slope..."

Farmers weekly, 29th January 2010

"Slimline Autostreamer from Billericay Farm Services has a variable rate flow valve that responds to system pressure, so rate can be changed using the sprayer controller..."

Farmers Weekly, 19th February 2010

"This ingenious innovation brings true variable-rate application to the liquid fertilizer sector for the first time as application rates can be altered on the move..."

Farmers Guide, February 2010

"On top of the extra flow-rate and ease of use benefits, the applicator's wide operating window allows variable rates of liquid fertilizer to be applied more accurately..."

Crop Protection Monthly, February 2010

"Design refinement for the specialist equipment used to apply liquid fertilisers are improving accuracy and rate versatility and making life easier for operators."

CROPS, 13th February 2010