

Engineering Excellence



BATEMAN

RB 15

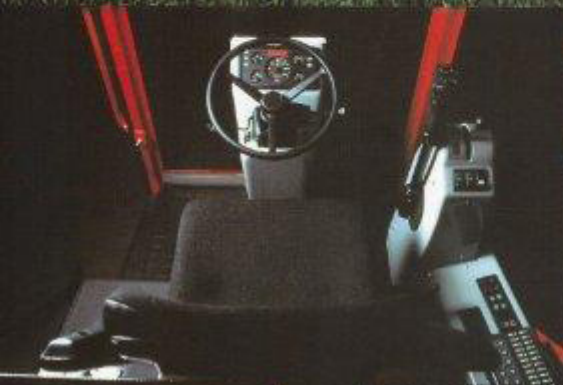
BATEMAN RB 15

The Bateman RB15 has been designed and manufactured to the highest standards for today's arable farmer.

Fitted with a choice of John Deere engines, fully hydrostatic four wheel drive gives 0-25mph through four variable drive modes. Fully active suspension gives a comfortable ride with excellent stability on slopes, the chassis automatically stays parallel to the axle giving improved traction to all wheels.

The new cab has good all round visibility allowing the operator to see the front wheels for turning into row crop work. A single joystick controls forward and reverse with air operated spray on/off. The cab can be tilted hydraulically and removable side panels mean easy access to the engine compartment. 360° roof lights gives good visibility for night work.

The unique 2/4 wheel steer system is fully hydraulic with a Positive Link eliminating the need for realignment and electrical sensors providing stability in both 2 and 4 wheel steer modes. At the push of a button the hydraulic adjustable track can be changed without the use of jacks, making the RB15 ideal for variable crop widths.



The 2500 litre fibre glass spray tank has an integral 200 litre clean water wash tank. This can be used for washing out the spray tank via the twin tank rinse nozzle or flushing out the spray lines if product is left in the tank. The unique contents gauge can be easily read from the cab and whilst filling, with no contamination from the spray products.

Application is controlled automatically via the LH AGRO 5000 computer linked to a pneumatic control system.

The well proven Bateman Contour Boom comes in 18 to 24 meters widths with a 12 metre fold down. The suspension system gives an excellent boom stability through a built in anti-yaw vertical suspension with dampened gimbal system, eliminating adverse boom end movement.

The boom is folded horizontally through synchronised hydraulics allowing unobstructed access to the cab, reducing risk of contamination to the operator. Spray lines are stainless steel with quick fit nozzles, protected within the boom structure.

Filling controls and induction hopper are easily accessible without contamination from the spray booms.

The 6 diaphragm pump is side mounted for easy access and maintenance.

Demounting of Sprayer, Sow-Low drill and Spreader skid units is by four locating points and easy to use jacks. Hydraulic pick up points and pneumatic couplings are easily accessible each side of the cab.

Spray line Purge system (optional extra) purges the lines with spray mixture prior to spraying. Allowing instant application from field edge. Spraylines can also be cleared back to tank using the RB15 pneumatic system.





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SPECIFICATIONS

Dimensions

Height	3.3m
Width	2.6m
Length	6.6m
Ground Clearance	0.85m
Wheel Base	3.0m
Turning Radius	4.4m
Weight	5250kg
Fuel Capacity	117 litres

Steering

Positive Link 2/4 wheel steer, fully hydrostatic

Suspension

Hydraulic active front and rear

Wheel Track

Hydraulic adjustable axles with 18 inches variable width

Engine and Transmission

John Deere 115hp, 4 cylinder water cooled Turbo charged diesel

Fully Hydrostatic four wheel drive

Variable from 0 up to 25mph

Primary braking within hydrostatic operated or automatically applied when engine stopped

Cab

Steel construction

Tinted glass

Fully tiltable

Rubber mounted suspension

Carbon filtration

Heater

Fully air conditioned

Radio cassette

Cladded and soundproofed

360° working lights/warning beacon

Fresh water hand/eyewash

Pneumatically operated step

Suspension seat with for and aft movement

Raise and lower tilt steering column

Airline pickup point

Sprayer

Tank GRP 2500 litres and 200 litre tank wash

Boom Bateman Contour Gull Wing

Width 18,20,24 metre with 12 metre fold

Filling Pump 6 piston diaphragm 230 lpm

Stainless steel hopper, can wash, twin ventura self/bowser quick fill

LH5000

Controls

Pneumatic diaphragm line valves

Ramsay box

Boom leveling override

Demounting Full set of demount jacks

Wheels

Row crop 12.4/32in

Controls

Joystick forward/reverse and sprayline controls

Hydraulic spools

Options

Engines - 125/170hp

Tank - 2000/3000 litres

Twin lines including nozzles

Purge System with triple nozzles

Spreader skid unit including demount jacks

Bout marker

11.2/36in row crop wheels

9.5/30in heavy duty

Low ground pressure tyres

Bateman Sow-Low drill

Air assisted sieve boom

Twin pump including 5in plumbing

We reserve the right to alter specifications without prior notice
Our policy is one of continuous development