

AIR-RIDE

**BUILT TO PERFORM.
DESIGNED BY YOU.**

- Versatile Options
- Low Soil Compaction
- Advanced Technology
- 3000-6000L Capacity





AIR-1

PROVEN PERFORMANCE FROM A DEPENDABLE WORKHORSE.

Househam Air-Ride models are best sellers for a reason.

They're incredibly versatile and packed with productivity-boosting features.

Designed to optimise crop care and deliver outstanding return on investment – no wonder our Air-Ride sprayers are in such consistent demand from farmers and contractors.

Lightweight and equipped with an array of advanced features as standard, the adaptability of the design means that you can specify precisely the Air-Ride that you need to meet the demands of your crops and your terrain.

KEY FEATURES

- ◆ Spray tank capacity 3000 to 6000 litres
- ◆ Dry weight from 6600kg
- ◆ Total Machine Control (TMC) with integrated NavGuide GPS mapping system
- ◆ 13/24m to 30m twin-fold booms or 28m to 36m tri-fold variable geometry centre pivot booms
- ◆ MTU 4R1000 170hp 4 cylinder stage V engine (MTU 6R1000 up to 380hp engine also available)
- ◆ 300 Litre fuel tank
- ◆ 1m unobstructed underbody clearance (up to 1.7m available)
- ◆ CLAAS X11 cabin



AIR-RIDE



PERFORMANCE

PAGES 4-5

TECHNOLOGY

PAGES 6-8

OPERATOR COMFORT

PAGE 9

SOIL COMPACTION

PAGE 10





DESIGNED TO PERFORM.



The Air-Ride is built on Househam's proven low-weight chassis that features active load-sensing air suspension for a class-leading ride whatever the terrain. Power comes from an MTU 4R1000 4 cylinder Stage V engine proving 170hp.

The two-piece Air-Ride chassis coupled with a H-frame rear axle offers superb high-speed road stability and exceptional manoeuvrability with a turning circle under 7m.

Precise engineering has kept the dry weight of the whole machine to just 6600kg and also offers 1m ground clearance to minimise crop damage. The Sauer Danfoss hydro-static all-wheel-drive system ensures outstanding traction and precise speed control.

In addition, the Air-Ride incorporates a range of advanced technologies designed to maximise application accuracy and productivity.



DESIGNED FOR PRECISE CONTROL.

The Househam-designed Total Machine Control (TMC) system integrates many functions into one simple to use touchscreen console.

The TMC provides you with complete application rate control, hydrostatic drive control, engine management and diagnostics and fault system monitoring via built-in warnings, fault detection, and automatic service reminders.

Combined with our NavGuide GPS guidance system, you benefit from exceptional field mapping accuracy, light-bar guidance and auto-section control.



PRECISION SPRAYING TECHNOLOGY OPTIONS.

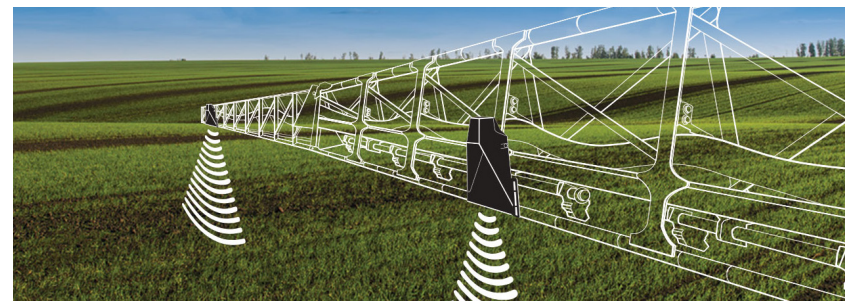
INDIVIDUAL NOZZLE CONTROL (INC) With Househam's own technology, you gain control over each individual nozzle. Linked with NavGuide section control, it provides maximum precision and minimal overlap.

AUTO NOZZLE SELECT (ANS) Househam's innovative system enables you to control the spray rate over a wide range of speeds and application rates. The system can handle either quad or twin bodies, then activates each output so that nozzles can be automatically selected according to the requested flow rate or speed. ANS can also be operated manually from the cab.

TURN COMPENSATION When the sprayer begins to turn, the boom tip speeds vary significantly, and this is magnified by the width of the boom along with the rate of return. As the section control system monitors and controls each nozzle position and line, along with its relative forward speed is maintained through a turn, the application rate can be increased to apply the correct dose at the right point.



HOUSEHAM BOOM LEVELLING Designed to maintain a constant nozzle height over the crop canopy, boom levelling technology optimises spray dispersion and efficiency while minimising drift. As a result, operators can work faster and operate in more challenging conditions, reducing the impact of wind. The system uses sensors along the boom to monitor its position multiple times a second, adjusting the boom height constantly.



ADVANCED TECHNOLOGY, DEVELOPED BY HOUSEHAM.

SPRAY PILOT AUTO SYSTEM Take steering completely out of your hands using Househam's Spray Pilot system. Automatic steering means that spray can be applied accurately even without tramlines.

HITS The Househam Intelligent Transmission System helps to regulate the maximum speed both on and off-road to ensure the most efficient operation of your Househam machine.

BOOM HEIGHT CONTROL Each Househam boom incorporates five ultrasonic sensors that constantly track the ground's contours and automatically adjust the boom height to ensure optimal spray coverage.

AUTO TANK FILL With Househam's Auto Tank Fill, it has become easier and safer to fill your tank. Simply input the desired volume, turn the pump on, and the TMC will do the rest.



DESIGNED FOR EFFICIENCY AND COMFORT.

Long hours in the field become less demanding and more of a pleasure thanks to the comfortable and superbly appointed CLAAS X11 Cabin.

Spacious and fully climate controlled, the cab provides a comfortable, ergonomically designed operating environment with panoramic visibility. Features include a high back fabric air-suspended seat, fold-away buddy seat, 27-litre fridge and optional DAB radio.

With enhanced operator safety in mind, Category 4 Filtration can also be fitted as an optional extra.

A class-leading ride on the road and in the field is achieved using our air ride load sensing suspension system. Even weight distribution and a low centre of gravity ensure stability whatever the terrain.





MINIMAL SOIL COMPACTION.

The secret to achieving low compaction of soil is weight distribution.

Househam engineers design each machine to be perfectly in balance. The low-weight single-piece chassis is designed to allow the weight to be evenly distributed across all four wheels. As a result, soil compaction is minimised, leading to less inhibited root development and higher yields.

380/85 R34 Row Crop wheels as standard and a low boom configuration that delivers a low centre of gravity also ensure outstanding stability when spraying. In addition, the Air-Ride's generous ground clearance of 1m helps to minimise crop damage.



TALK TO US.

SALES

+44 (0) 1400 276050

sales@househamsprayers.com

PARTS

+44 (0) 1400 276030

parts@househamsprayers.com

PRODUCT SUPPORT

+44 (0) 1400 276040

product.support@househamsprayers.com

ADDRESS

Househam Group Ltd.
Roughton Moor, Woodhall Spa,
Lincolnshire. LN10 6YQ

Alongside our own Product Support Team, we have a network of dealers all over the world who are there to support you any hour of the day.

To see who your closest dealer, give our Product Support Team a call.

TECHNICAL SPECIFICATION



HIGH CAPACITY SPRAY SYSTEM

- ◆ 3000L, 3500L, 4000L GRP tank (stainless steel tank capacities also available up to 6000L)
- ◆ Additional clean water tank with approximate 10% capacity of main tank
- ◆ 13/24m to 30m twin-fold booms or 28m to 36m tri-fold variable geometry centre pivot booms
- ◆ In cab tank cleaning functions including boom flush, tank wash and tank rinse
- ◆ Recirculating booms for more enhanced cleaning and allows more consistent chemical mixing
- ◆ Demountable spray pack

LOW SOIL COMPACTION

- ◆ From 6,600kg dry weight
- ◆ Low weight chassis with front A-frame axle and rear H-frame axle for optimised weight distribution and traction
- ◆ All premium wheel and tyre combinations available

THE POWER TO PERFORM

- ◆ Capable MTU 4R1000 Stage V 170hp 4 cylinder engine adhering to all latest emission legislation (up to 380hp optional)
- ◆ Sauer Danfoss wheel motors with Bonfiglioli reduction gearboxes
- ◆ Optional Househam Intelligent Transmission System (HITS) with traction and two-speed cruise control

OPERATOR COMFORT

- ◆ Claas X11 cab
- ◆ Panoramic 360 degree visibility
- ◆ High back, air suspended fabric seat
- ◆ Fully integrated armrest, joystick and control panels
- ◆ 27 litre high capacity fridge
- ◆ Radio with bluetooth connectivity (Optional DAB)
- ◆ Optional Category 4 filtration

ADVANCED SPRAYER TECHNOLOGY

- ◆ Househam's touch screen TMC V6
- ◆ NavGuide GPS mapping and light-bar guidance
- ◆ High precision spray system featuring automatic control of multiple sections up to Individual Nozzle Control (INC)
- ◆ Twin or quad line Auto Nozzle Select (ANS)
- ◆ Turn Compensation
- ◆ Automatic boom levelling via Ultrasonic sensors
- ◆ Spray Pilot hydraulically controlled automatic steering system
- ◆ Standard, Advanced and Ultra lighting packages

CLASS LEADING RIDE ON ROAD OR FIELD

- ◆ Market leading self levelling air suspension system
- ◆ Low centre of gravity ensures stability whatever the terrain
- ◆ Optional hydraulic adjustable axle
- ◆ 1m ground clearance



Househam Group Ltd., Roughton Moor, Woodhall Spa, Lincoln LN10 6YQ
Tel: +44 (0)1400 276 000 www.househamsprayers.co.uk