

# HARRIER

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

- Precise Spray Control
- Low Soil Compaction
- Advanced Technology
- 4000-6000L Capacity



**HOUSEHAM**  
*Advanced Sprayers. Healthier Crops*



# HAR

## BUILT TO PERFORM. DESIGNED BY YOU.

**Househam's latest generation of self-propelled sprayer. A high standard specification with efficiency, reliability and comfort at the heart of its design.**

Househam's high-specification Harrier self-propelled sprayer is a firm favourite among operators facing demanding workloads. The Harrier has been developed specifically to meet the needs of professional operators. At Househam, the customers' input is very important, and the engineering team works closely with customers to incorporate feedback into all products and systems. Long hours in the field become less demanding and more of a pleasure thanks to the comfortable and superbly appointed CLAAS Jaguar X10 Cab.

### KEY FEATURES

- ◆ Spray tank capacity 4000 to 6000 litres
- ◆ Dry weight from 8500kg\*
- ◆ Total Machine Control (TMC) with integrated NavGuide GPS mapping system
- ◆ 13/24 twin-fold booms or 28m to 36m tri-fold variable geometry centre pivot booms
- ◆ MTU 6R1000 240hp 6 cylinder stage V engine (MTU 6R1000 up to 380hp engine also available)
- ◆ 300 Litre fuel tank
- ◆ 1.1m unobstructed underbody clearance
- ◆ CLAAS Jaguar X10 premium cabin



# RIER



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## DESIGNED TO PERFORM.



**The Harrier is built on an advanced, single-piece chassis complete with supremely robust A-Frame axles both front and rear. Power comes from an MTU 6R1000 6-cylinder Stage V engine providing 240hp, which is fully compliant with current emission legislation.**

The Harrier chassis design allows for a low centre of gravity and even weight distribution, ensuring it remains stable even on the most challenging terrain.

Precise engineering has kept the dry weight of the whole machine to just 8500kg and offers 1.1m 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 Harrier incorporates a range of advanced technologies designed to maximise application accuracy and productivity.



**HARRIER**



# 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.



# ADVANCED TECHNOLOGY, TOTAL CONTROL 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; this is magnified by the boom width 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.



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**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** 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 Jaguar X10 Cabin.**

Spacious and fully climate controlled, the cab provides a comfortable, ergonomically designed operating environment with panoramic visibility. Features include a high back premium leather 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.

380/80 R38 Michelin Spraybib row crop wheels and a low boom configuration that delivers a low centre of gravity also ensure outstanding stability when spraying. In addition, the Harrier's generous ground clearance of 1.1m helps to minimise crop damage.

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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

- ◆ 4000L GRP tank (stainless steel tank capacities also available, in 4000L, 5000L or 6000L)
- ◆ Additional clean water tank with approximate 10% capacity of main tank
- ◆ 13/24 twin-fold booms or 28m to 36m tri-fold variable geometry centre pivot booms
- ◆ Fully enclosed side mounted spray system and minimal pipework
- ◆ 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

## LOW SOIL COMPACTION

- ◆ From 8,500kg dry weight
- ◆ Low weight chassis with front and rear A-frame axles for optimised weight distribution and traction
- ◆ All premium wheel and tyre combinations available

## THE POWER TO PERFORM

- ◆ Powerful MTU 6R1000 Stage V 240hp 6 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 Jaguar X10 Cab
- ◆ Panoramic 360 degree visibility
- ◆ Premium high back, climate controlled, air suspended leather 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
- ◆ 1.1m ground clearance



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