



HOUSEHAM

SELF-PROPELLED SPRAYERS



SPIRIT 3000TM

The low weight sprayer with
value-packed performance



HOUSEHAM SPIRIT 3000™

Moving up from a trailed to a self-propelled sprayer? Looking for a proven performer with a quality specification as a replacement or back-up for your existing machine? Look no further than the **SPIRIT**.



"The boom at 24 metres is very well balanced and offers us very accurate spraying over sometimes very sticky ground. For us, the SPIRIT does the job superbly well, in fact we can't fault it."

John Mair, Arable Farmer, Cambridgeshire

It punches well above its weight

Weighing in at just 5800kg* the all-new 3000-litre capacity **SPIRIT** from Househam is exceptionally light on its feet. Which is good news for you, for your soil and for your crops. When wet, heavy ground keeps heavier sprayers in the barn, you are far more likely to get on to the fields in a **SPIRIT**. What's more, because the **SPIRIT** is lighter, nimbler and has superb weight distribution thanks to its rear mounted engine power pack and pump system, it minimises soil compaction – a major cause of inhibited root development and reduced yields.

Yet when it comes to high-tech features and performance, the **SPIRIT** is anything but a lightweight.

*Dry weight



50:50 weight distribution ensures outstanding stability both in the field and on the road



"SPIRIT is simple to use, highly efficient, cost-effective and I can use it on ground unsuitable for other machines"

Stephen Pugh, Vegetable and Arable Farmer, Lincolnshire





More of the technology you need - for less

The **SPIRIT** is not only light on the ground, it's light on your budget too. Compared with other sprayers in its class the **SPIRIT** is very competitively priced, but you won't find any compromises in quality or specification.

For example, now available in both 24 metre and 28 metre boom widths, the **SPIRIT** boasts newly designed PANTOGRAPH arms for precise boom height control. Proven, reliable hydrostatic drive wheel motors deliver optimum power and manoeuvrability. The spacious, high specification cab is fully air-conditioned and, with the power pack mounted at the rear of the sprayer, offers one of the quietest and most comfortable operating environments on the market.

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TRON

Seletron technology- maximum precision, minimum waste

The **SPIRIT** is available with Seletron - a cutting-edge electronic shut-off nozzle valve that, applied to ARAG nozzle holders and integrated with the GPS-linked Bravo 400S controller, allows the separate control of every single nozzle in up to 13 boom sections. The system automatically shuts off each individual nozzle to avoid spray overlap and selects the most suitable nozzle according to spray rate and speed, maximising spraying precision and minimising waste.



Continuous real-time information on valve status relayed to Bravo 400S controller via Can-Bus.



Dual or quad nozzle set-ups reduce boom pressure and drift



Easy-access CAT engine power pack is rear-mounted for a quieter cab



Air conditioned, ergonomically designed cab with user-friendly layout and controls, radio, CD and fold-down buddy seat



Plumbing system designed for easy filling and washing out



High ground clearance



Easy operation of spray functions from spray control unit



Pantograph arms ensure precise spraying height

A pleasure to drive and easy to maintain

Quiet running, with reassuringly solid stability thanks to the well-balanced boom and a near-perfect 50/50 centre of gravity, the **SPIRIT** is a joy to work with. Easy-to-use controls within the superbly appointed, ergonomic cab are all positioned just where you'd want them to be and panoramic vision gives a good view of the boom at all times.



Panoramic view from cab

Routine care and servicing is quick and straightforward too. Plumbing has been minimised for rapid fill and wash-out and easier maintenance. Plus the open-mounted design of the 140hp CAT power pack provides swift, convenient access to the engine.



"The pump system with its easy-fill tank and operator friendly controls is extremely simple and self-explanatory. The Househam engineers have done a great job in reducing the plumbing making less wash out time and easy maintenance."

Peter Organ, Arable Farmer, Evesham

Househam - the home of design innovation and advanced engineering

All Househam sprayers represent the very best of British design and engineering. The success of Househam Sprayers Group is built on a foundation of world-class technical innovation. This is the return on our investment in continuous research and development, rigorous testing regimes and an in-house manufacturing resource underpinned by exhaustive quality control assessments at every stage.

Advanced design and manufacture have been key in more than four decades of continued success on a global stage. But it's our people who really make the difference. Househam's designers and engineers are among the best in the agricultural sprayers industry. We work in close collaboration with customers and partners, not just in the UK, but across our international markets too. Keeping our fingers on the pulse of the industry in this way ensures we remain at the forefront of sprayer design and technology and continue to deliver highly innovative, effective and cost-efficient products for all our customers worldwide.



KEY FACTS AND FIGURES

• 3000 litre capacity GRP spray tank	• 200 litre high capacity fuel tank
• 5800kg dry weight	• 300 litre GRP clean water tank
• 13/24 metre or 14/28 metre folding boom	• 89cm (35") clearance as standard – extra high clearance available
• 5 spray sections	• Turning Circle Diameter 6.7m
• 140hp CAT power pack engine	
• Max speed 40kph	

More features

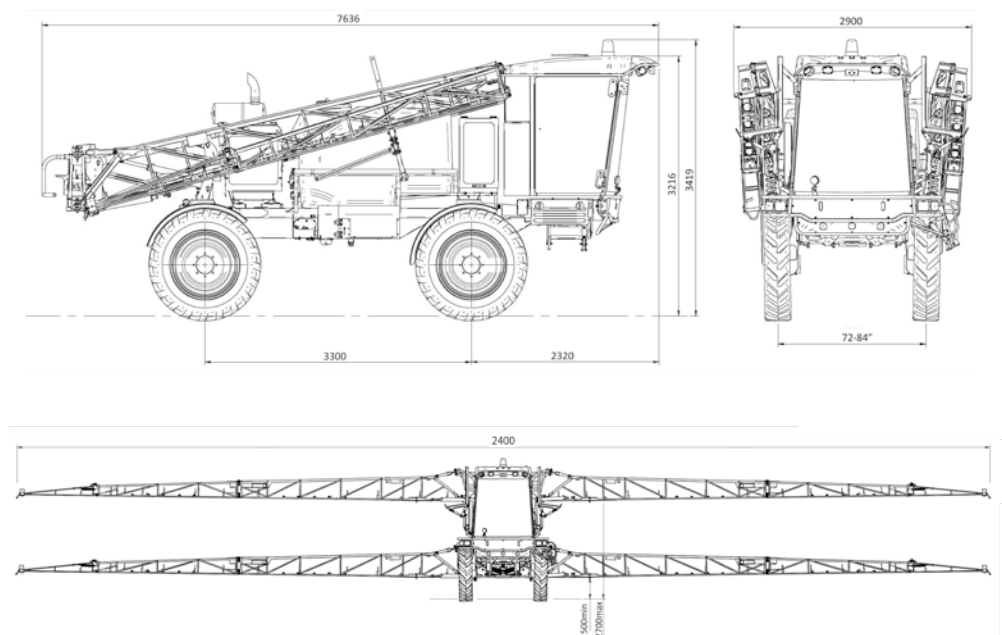
Engine and Chassis

- Full air bag suspension system
- 1.83m (72") - 2.13m (84") axles – manually adjustable
- Parking brake with integrated control of access ladder
- Hydrostatic drive wheel motors
- 320/85 R32 row crop wheels
- 540/65 R28 flotation wheels
- LED rear lights

Spray System and Booms

- 4 cylinder P260 Altek pump
- Manual five way ball valves for suction and pressure
- Suction and pressure filters
- 3/4" (19mm) stainless steel spray lines
- 25 litre stainless steel chemical induction hopper
- Flow regulation
- Operator clothing locker

SPIRIT 3000 DIMENSIONS



Find out more

For further information about the SPIRIT or any other sprayer within the extensive Househam range, **call us today on 01400 276050**.

