



# Celebrating 40 years of British-built crop sprayers

When Richard Abbott started Landquip in 1984, little did he realise that in 2024 the company would be offering one of the most extensive ranges of crop sprayers, from a 4m quadbike sprayer right up to self-propelled and trailed machines up to 44m.

Part of Landquip's success lies with Richard's early decision to fit all arable machines with the world-renowned Pommier aluminium booms which rapidly became an important USP for the company. Renowned for their strength and reliability the aluminium boom provides incredible weight distribution and performance.

## Back in the 80s

Landquip started by retro-fitting aluminium booms to give machines a new lease of life, a service still available to this day and applicable to any make of sprayer, not just their own models. To complement the boom's performance, in-house designed boom suspension systems, height masts and back frames can also be supplied, with some customers preferring to buy only the components to carry out the work themselves.

Richard then quickly moved onto in-house designs of new British-built mounted and trailed sprayers. Often the farmer created their own wish-list which could be incorporated into a bespoke machine, the company being flexible and open to ideas, an ethos which continues to this day.

## In the 90s

Landquip built the first demount sprayer for the Fastrac. JCB's latest Icon model can accommodate a 2,500-litre rear Landquip sprayer, a 1,500 or 1,900-litre Vision front tank, and the latest Isobus technology to give the farmer a sophisticated, modern unit capable of high outputs and remarkable performance. The sprayer can be quickly demounted in 10–20 minutes, freeing up the Fastrac for other jobs on the farm.

During this decade Landquip's trailed sprayers

also moved on apace with tracking being installed and Potti-flow recirculation with air switched nozzles being fitted as standard.

At this time Richard was joined by David Reeve, who has progressed through the company from those early days to now hold the role of operations director. David has a wealth of knowledge in his field of technical support and trouble-shooting.

## Moving into the 21st century

Landquip continued to innovate with its in-house CAD chassis designs. The customer was able to choose from a Pommier heavy duty contractors' bi-fold/gullwing boom or the newly designed tri-fold boom available in greater widths. During this time the InTrac trailed sprayer was introduced with numerous features fitted as standard and capacities from 3,600–6,000 litres, a machine which remains at the forefront of technology and design.

In addition to its core business of British-built mounted, demount, trailed and self-propelled crop sprayers, Landquip has moved with the times, keeping abreast of new ideas and developments.

## Present day developments include:

- Fully integrated GPS systems allowing auto section switching and ultrasonic boom levelling
- Spray line air blow-out systems
- Flowtron advanced flow rate nozzle control system which can be operated in PWM (pulse width modulation) for multiple flow management across the boom, variable rate, and turn compensation
- A range of mounted and trailed Mist Atomizers for orchards, vineyards and poultry shed cleaning

- Amenity sprayers for football clubs and golf course turf treatment
- UTV and ATV quadbike sprayers up to 4m
- The Premier air sleeve system designed to blow into and penetrate the crop, not only for arable spraying but also for bulbs, roses, and potatoes
- Landquip's own design Umbrella liquid fertiliser nozzles for accurate, scorch-free application from 150–1,500 litres/ha
- Vision Nitro-Band application systems for liquid fertiliser placement whilst seeding
- The PowerTrac trailed driven axle sprayer available with 6,000, 7,000 or 8,000 litres, which has an integral high pressure hydraulic system producing 130hp drive to the rear wheels, and is equipped with HDC (Hill Descent Control).

Landquip offers a comprehensive range of sprayer components, for example, from the smallest hose-tail to pumps, electric controls, electro-hydraulic valves, hosing, and wearing parts such as ceramic nozzles, diaphragms etc., all available on next day delivery or to collect from its Suffolk premises.

Landquip engineers, many of whom have years of experience, are fully trained in all aspects of servicing, including NSTS certification.

The company's in-house design service ensures Landquip continues to innovate and work on new ideas to advance your spraying applications and requirements. "If you need it, we will strive to come up with the answer," says Richard, who remains as fully enthusiastic as he was back in 1984 when it all began. "I, and my team, are enormously grateful to those customers who have put their trust in Landquip both in the UK and overseas. We will endeavour to serve the farming industry for many more years."

Send an email to [sales@landquip.co.uk](mailto:sales@landquip.co.uk) for more information.