

**“British Innovation at its best”**



*Easy engine access for routine servicing, oil checks, and maintenance is simply achieved by hydraulically raising the sprayer demount by means of an in-cab switch. In the event of engine failure, an auxiliary quick-fit hydraulic supply from another vehicle can be used.*

**CANBUS ELECTRONIC CONTROLS**

EASY TO USE, FULLY COMPUTERISED MULTI FUNCTION RATE CONTROL SYSTEM GIVING CONSTANT VOLUME APPLICATION IRRESPECTIVE OF TRACTOR GEAR OR FORWARD SPEED, WITH MULTI DISPLAY SHOWING SPEED, APPLICATION RATE AND PRESSURE, PLUS CUMULATIVE VOLUMES & AREA. INTEGRAL MASTER BOOM ON/OFF AND EASY SEQUENTIAL MULTI BOOM SECTION SHUT-OFF BY A SINGLE SWITCH

**CHEMICAL INDUCTION BOWL**

- FOLD-AWAY PARALLEL LINKAGE
- MIXING AND FILLING FOR POWDERS AND LIQUID AGROCHEMICALS
- STAINLESS STEEL RINSING RING
- POWERED ROTATING CAN WASH

**TANKS**

5000, 6000, or 7000 litre STAINLESS STEEL GOOD DRAIN TO EFFICIENT SUMP, FOR HILLSIDE WORK

**HAND AND MAIN TANK RINSE**

20 litre HAND WASH TANK  
400 ltr CLEAN WATER FLUSHING TANK  
6 IN-TANK ROTARY WASHING HEADS

**FILTERS**

SUCTION FILTER  
BOOM LINE FILTERS

**PUMPS**

HYD DRIVEN CENTRIFUGAL TYPE:-  
2” Up to 700 l/min.(350 l/min. @ 6 bar)  
3” Up to 1300 l/min. (1000 l/min.@ 6 bar)

**SPRAYLINES & NOZZLES**

STAINLESS STEEL LINES  
MULTI JETS WITH 2 CERAMIC NOZZLES  
**POZIFLOW BOOM RECIRCULATION:-**  
CONSTANT RECIRCULATION AVOIDS SETTLING IN THE PIPEWORK GIVING INCREASED AGITATION AND PRECHARGED LINES THEREFORE SPRAYLINE HEADLAND PURGING IS AUTOMATIC

**WHEEL EQUIPMENT**

ROWCROP 480/80 R50 (16.9)

**OPTIONS INCLUDE:-**

- GPS AUTO BOOM SWITCHING
- GPS GUIDANCE
- AUTO HEADLAND ASSIST
- ELECTRONIC TANK CONTENTS
- VARIABLE GEOMETRY BOOMS
- QUICK-FIT LIQUID FERTILISER JETS
- MICHELIN XM28 710/70 R38 WHEELS (1947 dia - Carries 5300 kg @ 50 kph)

**Landquip SPRAYERS & BOOMS ARE IDEALLY SUITED FOR LIQUID FERTILISER APPLICATION WITHOUT MODIFICATION.**

**Landquip**

Metfield Road, Fressingfield, Suffolk, IP21 5SD, UK.

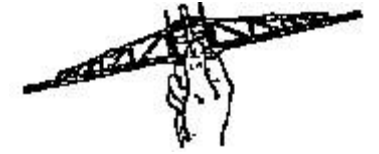
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**Landquip**



**Field Leader Self-Propelled Sprayers (Mechanical Drive)**



Field Leader 6500 litre, 40 metre Alu-light Boom



ENGINEERED AND BUILT FOR HIGH SPEEDS AND HIGH WORK RATES

PERMANENT 4 WHEEL DRIVE

SELECTABLE 2 or 4 WHEEL STEERING

24-48m ALU-LIGHT BOOMS

5000, 6000 & 7000 ltr S/STEEL TANKS

FULLY AUTOMATIC WHEEL ALIGNMENT

50 kph 6 SPEED POWER SHIFT

CANBUS ELECTRONIC RATE CONTROL

TRAPEZIUM SELF LEVELLING BOOM

PATENTED ANTI-YAW PROTECTION

CRUISE CONTROL

AIR SUSPENSION

CLIMATE CONTROLLED CAB

# FIELD LEADER 6240

## Engine

|                 |                                      |
|-----------------|--------------------------------------|
| Model           | Cummins QSB 6.7 litre                |
| Type            | 4 stroke turbo charged diesel        |
| Emission        | Tier 3                               |
| Cylinders       | In line 6                            |
| Power           | 240 hp (179KW) @ 2500 rpm            |
| Torque          | 728 lb-ft (990Nm) @ 1500 rpm         |
| Torque Reserve  | 33%                                  |
| Fuel Tank       | 260 litres                           |
| Engine Controls | In-cab Murphy display panel          |
| Temperature     | Engine ECU controlled cooling fan    |
| Air system      | Water cooled 15 cfm Wabco compressor |
| Air reservoir   | 60 litre air tank                    |

## Cab

Forward control, rubber mounted cab with full safety glass and 360° panoramic vision  
Carbon filtrated, air conditioned operator environment  
Air suspension seat & integral control console with power shift, hand brake and auto access step control  
Cushioned passenger seat with storage compartment  
Foot throttle and foot brake  
Radio/CD player  
In cab fuse panel  
360° cab work lamps , twin roof & rear mounted flashing beacons

Heavy duty, constant 4 wheel drive  
12 tonne axles with in-board brakes  
actuated by a dual circuit hydraulically  
charged braking system. 100% diff lock.

4 heavy duty shock absorbers and level-  
ride airbags per axle.

A-frame mounted with replaceable  
metalastic pivot joints.

Adjustable axle ride height and air  
pressure to suit load.



Hydrostatic selectable 4 wheel  
steering gives a credible  
4.5 metre turning radius with fully  
automatic alignment at speeds  
above 25 kph or in the event of  
power failure.

Tried and tested, wide aluminium booms (up to 48 metres) are  
standard, equipped with stainless steel spray lines and the  
**Poziflow** constant recirculation system. Auto purging and easy to  
rinse, **Poziflow** ensures instantaneous shut-off.

Multi-head 360° nozzle bodies carrying up to 5 ceramic,  
high pressure, low drift tips are switched by air operated valves,  
giving positive shut-off without any nozzle leakage.

A 25 litre chemical induction bowl equipped with a powered rotary can wash head,  
bowser fast fill point, easy operation of only 2 taps, and high pumping capacities makes for  
extremely fast turn round times of large payloads (up to 7000 litres).

Electronic tank contents read-out situated at fill point and linked to in-cab electronics gives  
accurate, up to the second tank level whilst filling and throughout the spray operation.

Easy, in-cab sequential switching of up to 20 boom sections at the flick of a single switch.

An auto-cruise control can be selected for constant spraying speed, e.g. 16 kph.  
When de-selected for headland turning, the foot throttle and full engine braking is activated.

GPS options include:-

- Automatic control of up to 20 boom sections
- Guidance light bar
- Field mapping screen
- Variable rate control

**HIGH OUTPUT**

**WIDE BOOMS**

**PRECISION APPLICATION**

