

Unimog Mounted Sprayer

Unimog series U 423 to U 530
 medium series U 140 to U 1600
 heavy-duty series U 2100 to U 2450

Available working widths: 24 - 36 m
 Tank capacity: 2.000 l to 4.000 l

Advantages:

- rapid deployment
- up to 80 km/h on roads
- long distances

Further optional equipment:

- » **DCD - Distance Control DAMMANN**
 The new fully automatic boom control with four ultrasonic sensors and curve regulation.
 - » **TB-EDS-pro**
 EDS sections with 18 sections, incl. Vario-Select and Curves~Control~Application.
 - » **Tandem, triple or quattro nozzle holder**
 - » **RRW - Rotating agitator and cleaning unit**
 Certified best performance for cleaning the inside of the barrel.
 - » **HD-Night Lux**
 Splash cone lighting and obstacle finder with modern LED technology.
 - » **LED worklights**
 Power-saving worklights.
 - » **proControl III**
 - » **Exterior cleaning options**
 - Vario spray wand
 - Washing brush
 - High pressure cleaner
 - » **Large induction centre**
 Depending on the device, the large induction centre is also available.
- Subject to technical changes



HD-Night LUX



LED worklights



proControl III

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Standard equipment at the highest level

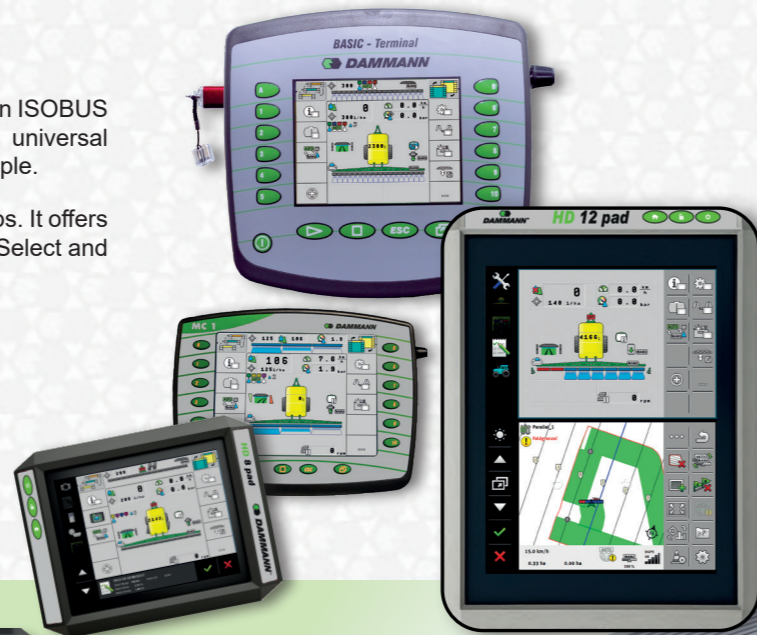
ISOBUS-Terminal

The Unimog mounted sprayer is equipped with an ISOBUS job computer as standard. Operation via a universal ISOBUS terminal and a joystick is clear and simple.

The system can be expanded with additional apps. It offers possibilities such as SECTION-Control, VARIO-Select and much more.

Other terminals are optionally available:

- » MC1
- » **HD 8 pad**
- » **HD 12 pad**



EasyControl

Digital level indicator



Pneumatic equal pressure diaphragm body

The special DAMMANN pneumatic equal pressure diaphragm body ensures constant spraying pressure in the booms, both with open and closed nozzles.



Interaction of pump, injector and induction centre

Pump, injector and a swivelling 30-litre induction centre create a system suction capacity of up to 800 l/min. This fills a barrel with a volume of 2000 litres in about two and a half minutes. Due to the vacuum suction principle of the injector, solids are also sucked in from the induction centre - at a speed of approx. 300 l/min. The rinsing and dilution is done by the ring rinsing system: It generates a rotating



stream of liquid; plant protection products are flushed in without clumping. Stronger clumps can be loosened with the shock nozzle.

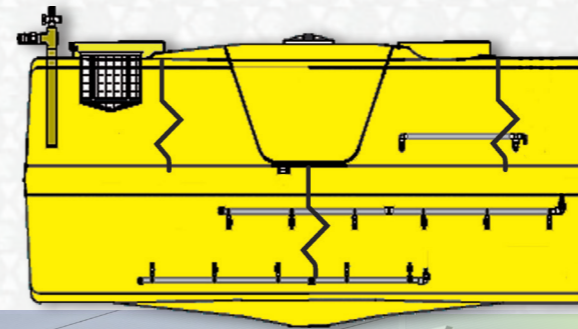
While the barrel is being filled, the induction centre can be supplied with fresh water.

The induction centre is raised and lowered pneumatically. This ensures user-friendly operation and offers an ergonomic working height.



Gel-coated GFK-tank

The DAMMANN safety barrel in the tried and tested case shape: Special gel-coated surfaces and built-in cleaning nozzles make the smooth inner walls of the DAMMANN barrel easy to clean. The well-placed baffles provide additional safety when braking and prevent unintentional weight shifts of the contents. The integrated fresh water tank has sufficient volume to clean the appliance completely.



Pneumatic nozzle carriers and pressure recirculation flushing

The mounted sprayer is equipped as standard with a single nozzle carrier with electro-pneumatic nozzle shut-off and a 1/2" V2A nozzle tube.

A pressure recirculation flushing system, also included in the basic equipment, brings the spray liquid directly in front of the nozzle carrier: If the boom sections are opened, the spray liquid is immediately at the nozzle. This technique prevents irregular application and avoids the so-called butterfly effect.

The division of the part width sections is individually adapted according to the customer's wishes. The customer can choose between five and twelve part widths. Depending on the boom width, the selected variant is included in the basic price.

Optionally also available with tandem, triple or quattro nozzle carriers.



G-Boom

The sturdy spray boom with hydraulic folding protects the nozzles with its special G-shape. In addition, the standard slope control enables problem-free work in cropped terrain. Another plus: The outer aluminium booms - they reduce the total weight of the boom - as well as the integrated collision safety device.



Example



Lift mast

The sturdy lift mast, thanks to its position behind the barrel and axle, ensures stepless height adjustment, without the need for weight shifting. Cables and hoses are integrated as a link chain for gentle cable routing in the lift mast.

A spring-loaded linkage suspension absorbs vertical and horizontal shocks: Due to this technology, there is optimal boom guidance over the stand even in uneven terrain.