This is how ULV fogging technology becomes a solution for your operation

ULV fogging technology instead of spraying

Ultra-Low Volume: Active ingredients are applied as fine aerosols using a very low application rate.

Better distribution throughout the space: Millions of tiny droplets disperse into the air and penetrate even hard-to-reach areas.

Less labour-intensive than spraying: Croplands do not need to be sprayed manually row by row; the crop is treated as a whole.

Result: more uniform application with lower liquid usage and less manual labour than with traditional spraying methods.

Operational & Climate Benefits

Reduces the burden on staff: Less physical strain and less time spent wearing full protective equipment.

Reduced risk of diseases: Lower humidity reduces the risk of fungal and mould problems.

Cost-effective winter operation: An easier-to-control climate and potentially lower heating requirements.

Conclusion: Farms benefit from more stable conditions, more efficient processes and lower long-term operating costs.



The UNIPRO 40 T-TOUCH with touchscreen display and retractable spray boom.

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Technical Data

Drive and Power

Power [kW]	8.3
Operating Voltage	3-phase 360 – 500 V AC / 50 – 60 Hz
Current Consumption [A]	12 (at 400 V)
Blower	Side-channel compressor with frequency converter
Operating Pressure [bar]	0.24
Air Flow [m³/min]	5.6

Output

Active Ingredient Tank Volume [l]	75
Output Rate [l/h]	5 – 40 for ULV 41 – 73 for LV
Droplet Spectrum VMD [µm], pure water (20 l/h)	< 25
Droplet Spectrum VMD [µm], with oil (20 l/h)	< 15
Fog Penetration Depth [m]	40 – 70 with pure water 70 – 100 with carrier (Nebol)

Device

Weight [kg]	199
Dimensions L × W × H [cm]	120 × 76 × 186
Protection Class	IP 54
Ambient Temperature [°C]	0 to +40
Permissible Relative Humidity [%]	max. 90, non-condensing
Noise Emission [dB(A)]	87

Subject to technical changes.



iGEBA®

NEW 2026

ULV Aerosol Generator

UNIPRO 40 T-TOUCH

The improved line of ULV aerosol generators for plant protection technology and disinfection

75-liter tank. Touchscreen. Full automation. Everything standard – no accessories. No extra charge.

The UNIPRO 40 T-TOUCH comes fully equipped from the factory. Integrated 75L tank, mixer, touch display, programmable processes, weekly timer, and flexible suction function for external containers – all included.

In ornamental plant cultivation, the UNIPRO 40 T-TOUCH saves about 1 hour of working time per 1,000 m² and week compared to manual spraying – while maintaining consistently high application quality.

Designed for greenhouses, disinfection in warehouses, potato storage, barns (poultry farms), and pest control. For users who make no compromises.

Time savings
Plan workflows instead of having to be on hand all the time.

Touchscreen
for programmable workflows and automatic control.

Automation
Control processes, rather than operating them step by step.

75-litre tank
with integrated agitator and external suction.

Discharge height
Utilises the headroom up to 4.30 m.

Compact
High performance in a limited space.

Made in Germany

UNIPRO 40 T-TOUCH



One display. Complete control.

The ergonomically positioned touchscreen enables intuitive operation and comprehensive programming:

- Regulate flow
- Set the mixer's pre-run time
- Flush the active ingredient line
- Programme a delayed start
- Use the weekly timer
- Save & recall programmes

Fully equipped ex works: Integrated 75-litre tank with mixer, plus the option to draw from external containers.

Intelligent touch control: Enter flow rate and application rate; runtime is calculated; start/stop and weekly programmes run automatically.

High process reliability: A calibratable pump, automatic flushing system and stored programmes ensure reproducible results with less operator intervention.

Conclusion: Anyone who wants to use fog technology consistently gets a fully thought-out solution with the UNIPRO 40 T-TOUCH.



Hand crank for telescopic boom

Infinitely adjustable within a range of 1.79 m to 4.30 m above ground level



Hose reel

for stowing the air hose



Tank and integrated mixer

The UNIPRO 40 T-TOUCH offers maximum flexibility: the standard 75-litre tank with integrated mixer automatically supplies the unit with the active ingredient mixture; alternatively, a switch can be used to draw the mixture directly from an external container. The peristaltic pump with pulsation damper ensures a continuous, pulsation-free flow.

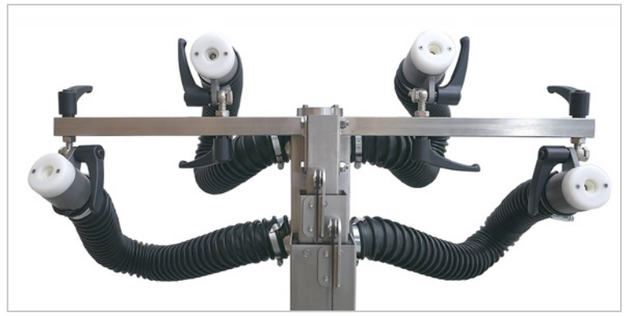


Suction hose

Suction from the tank or an external suction line is switched manually via a 3-way valve on the unit and must therefore be set before treatment begins.

A comparison of the most important new features

	UNIPRO 40 T (Classic)	UNIPRO 40 T-TOUCH (New)
Tank	External 100L tank (optional)	75L integrated tank and manual switch to suction hose for drawing from an external container (standard)
Mixer	Optional external	Mixer integrated, standard
Control	Manual	Touchscreen, programmable
Automation	Accessories (timer)	Integrated
Dosing	Manual, infinitely variable	Precisely programmable
Programme storage	–	Multiple programmes



Spray system

4 spray heads, 360° adjustable

Application rate continuously adjustable: 40 l/h recommended for ULV application, maximum 73 l/h for LV application

The application rate is infinitely variable. At 40 l/h, an ideal ULV droplet size range of < 25 micrometres is achieved; the maximum flow rate of 73 l/h makes the unit ideally suited for fungicides and systemic agents in the LV range. Beneficial microorganisms can also be applied – from the integrated tank with mixer.

The infinitely variable control allows precise adjustment to crop size and type of active ingredient.

The finer the droplets, the deeper the mist penetrates – ideal for dense crops.

Telescopic mast up to 4.30 m

With its infinitely adjustable telescopic mast, the spray heads of the UNIPRO 40 T-TOUCH can be extended to a height of up to 4.30 m. Tall crops like those in vegetable cultivation or greenhouse operations can be treated effortlessly. The entire open air space above the plants is used optimally, and the mist can spread freely – without any dead angles.

Infinitely adjustable from 1.79 m to 4.30 m above ground.



Transport made easy

Compact design (120 × 76 × 186 cm) allows for hassle-free transport – even through standard door frames.

Weight: 199 kg – easy to manoeuvre

The compact design also allows for intuitive operation.

Application Areas

Pest and mosquito control · Plant protection and strengthening · Storage protection (e.g., food, tobacco, cotton) · Hygiene and disinfection · Odor control

Also available in a version without extendable mast. Parallel availability: the proven UNIPRO 40 T will continue to be available until the end of 2026.

