



OPTIS & OMNIS



Mounted implement sprayers

OPTIS & OMNIS



	Tank volume (L)	Working width (m)
OPTIS	600, 800 & 1000 L	9 to 16 m
OMNIS	800, 1000 & 1200 L	12 to 15 m



Chassis

Tank

Pump

Working zone

Filtration

Booms

Regulation

Optional equipment

Technical specifications

Robust, protected et compact chassis

- › One-piece fabricated steel
- › Robust belt forming an integral part of the frame
- › HLE steel :
High mechanical resistance



KUHN Technical Advantages

Automatic hitch as optional equipment



→ **COMPACT AND ROBUST CHASSIS**

TANK : 600, 800, 1000 or 1200L

- » Polyéthylène
- » **Deep sump**
Steep tank angle
- » External gauge



KUHN Technical Advantages

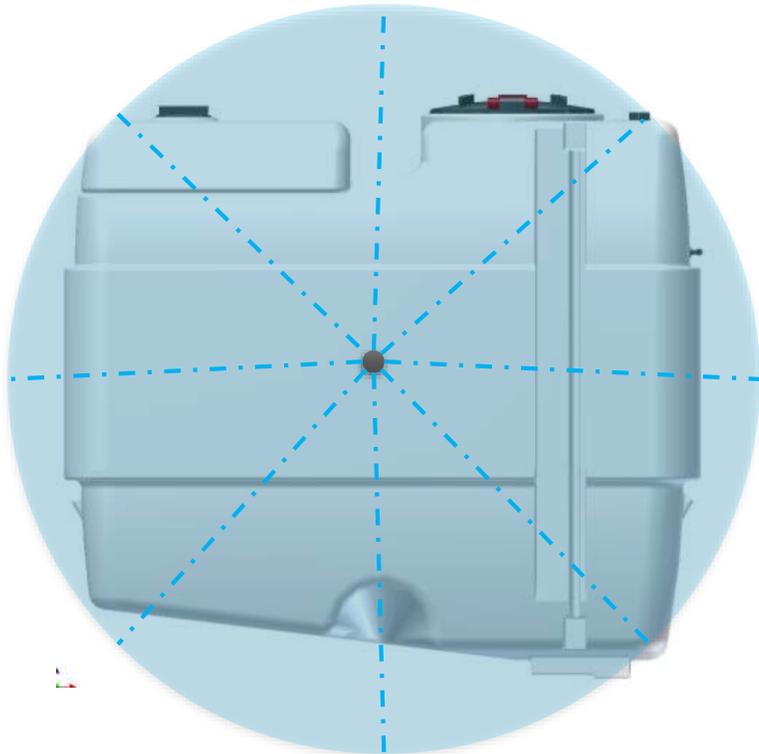
Gauge visible from the tractor



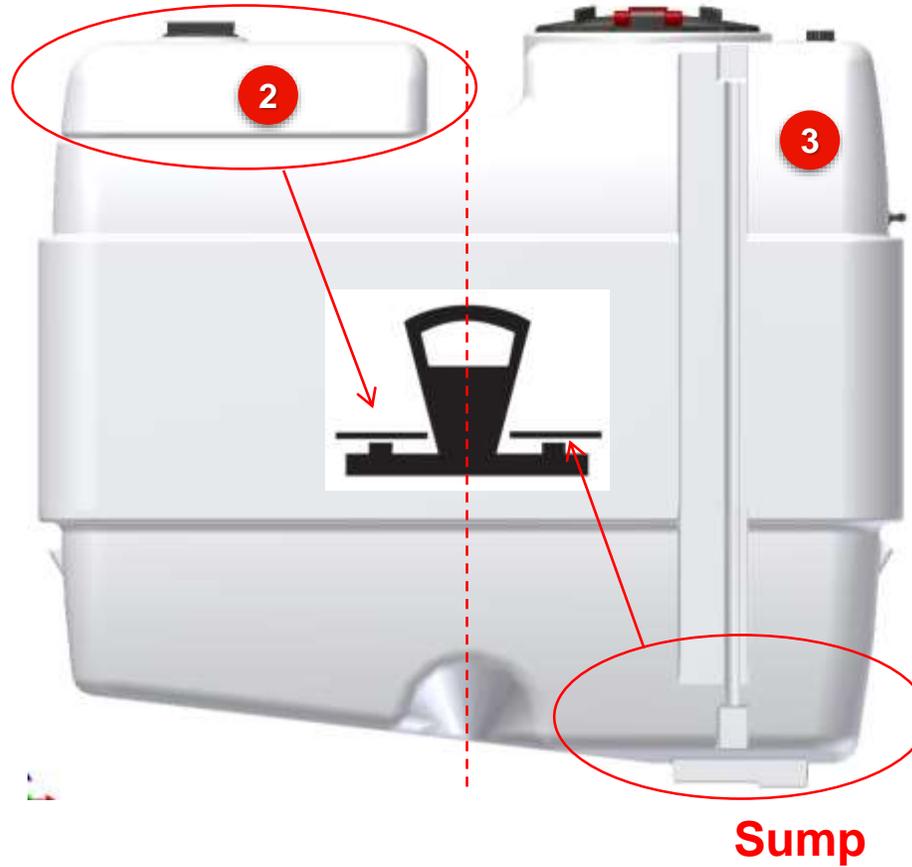
→ **Full drainage**

An ideal balance

- › Hand-washing tank : 15L 3
- › Rinsing tank : 100L 2



Rinsing tank



- › No dead sport !
- › 360° gyrowasher in the center

KUHN Technical Advantages

Ideal format for rinsing



- › **Perfect tank balance**
- › **Quick and efficient rinsing**

Piston diaphragm

PM 75-125-165

- Reliable
- Robust
- Light
- Compact



KUHN Technical Advantages

- Accessible
- Efficient
- Easy to service

Simple panel valves !



**Pressure way
(Unavailable for Optis)**

Suction

- Complete and intuitive working zone (1 valve on Optis)
- Control of the equipment (chemical induction bowl and rotating tank rinsing nozzle)
- External pressure way

KUHN Technical Advantages

25 liters induction bowl
(as standard for Omnis)

- Rinsing zone
- Rinsing nozzle



- Venturi system under the induction bowl

→ **Simple and ergonomic**

→ **Intuitive**

3 filtration levels



SIEVE FILTER

PUMP FILTER

CENTRAL BOOM FILTER (OMNIS)
BOWL FILTERS PER SECTION (OPTIS)

KUHN Technical Advantages

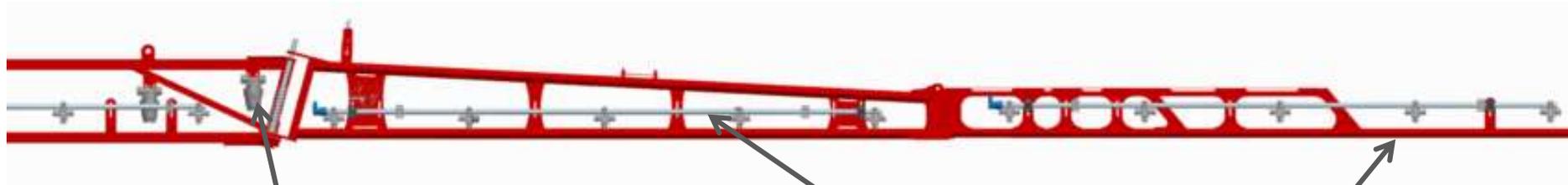
- Low risk of nozzle blockage
- Easy to service

Manual boom (OPTIS only)

Available in 9, 10 and 12m

Equipements :

- Bowl filters per section
- Stainless steel pipework as standard
- Protected nozzles
- Anti drip



Filtration per section

Stainless steel pipework

Protected nozzle over entire length

KUHN Technical Advantages



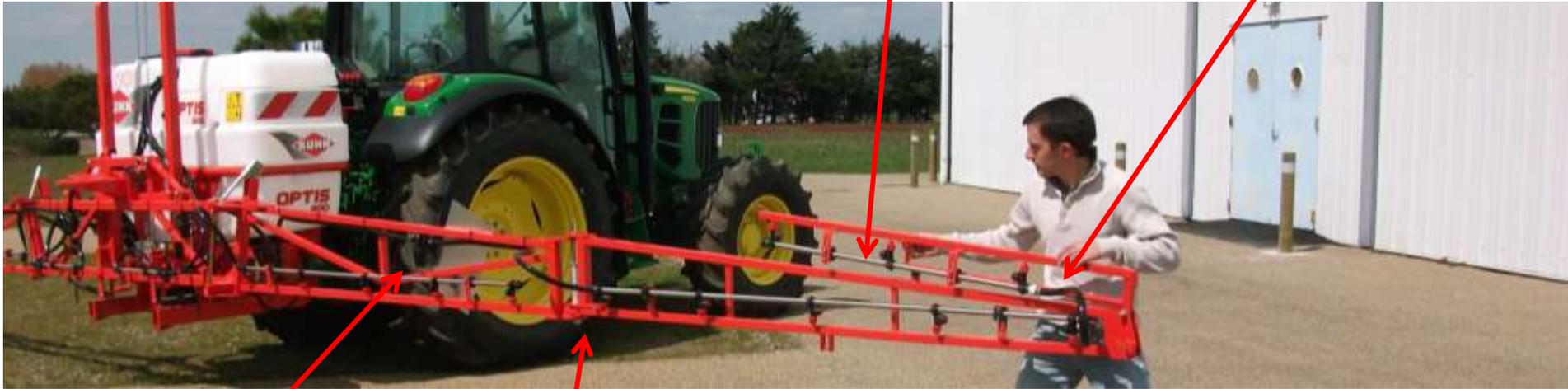
- **Simple and économique**
- **Robust booms**
- **Protected nozzles**

Manual boom (OPTIS only)

Available in 12 – 15 – 16m

Stainless steel pipe as standard

Protected nozzle over entire length



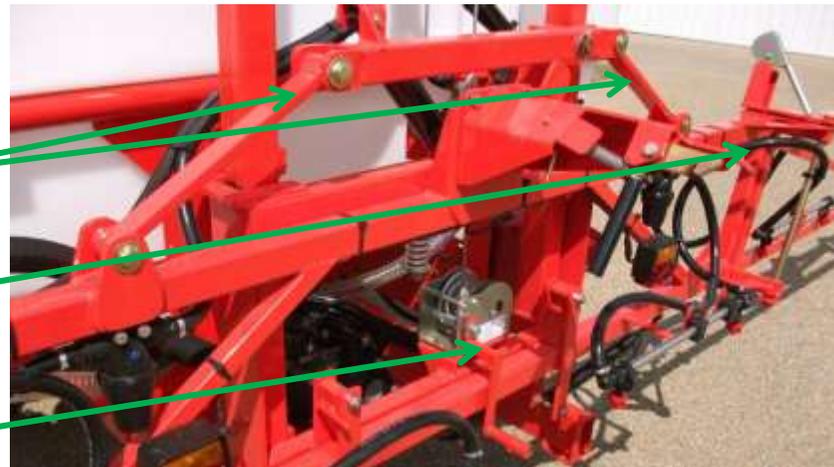
Bowl filters per section

Spring-loaded safety

Link-rods stabilisation (standard)

Locking the boom in transport position

Manual winch (standard)



KUHN Technical Advantages

Winch and slant control Hydraulic as optional equipment



- ➔ **Robust**
- ➔ **Simple & économique**
- ➔ **Protected pipes and nozzles**
- ➔ **Suspension = better lifetime**

Rod suspension with springs

Hydraulic boom (OMNIS only)

Available in 12 and 15m

» Equipments :

- Link rod-mounted suspension
- Centralised filtration
- Hydraulic height control
- Spring-loaded safety devices at boom end
- Specific spacing for market gardeners possible



KUHN Technical Advantages

Cross-folding
(galvanised steel)



- **Simple and économique**
- **Robust boom**
- **Protected nozzles**

Spraying proportional to engine rpm (DPME) Electric version

DPF box (OPTIS only)

Independent opening and closing of sections (5 maximum)

COMPACT & EASY TO USE

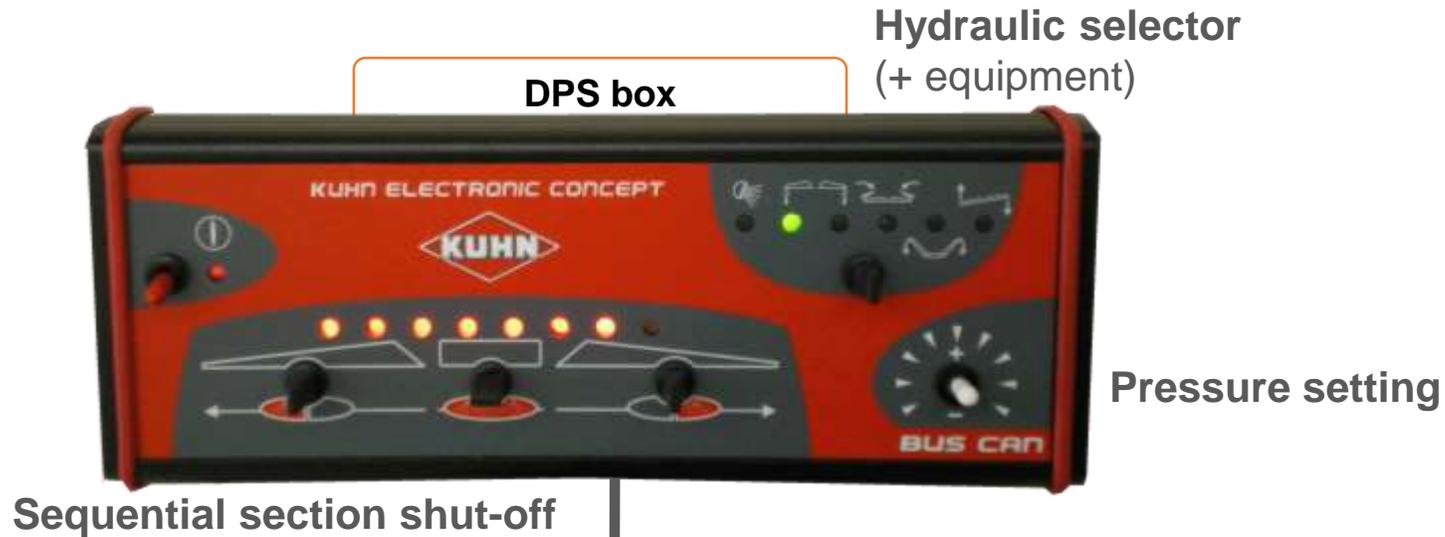
General opening/closing



Electric pressure setting



**Electric DPME
(DPS box)**



KUHN Technical Advantages

- Compact
- Simple
- Practical
- CAN BUS technology
- Sequential section shut-off
- Function selector control
- Configurable buttons



CH10, Manage your sprayer easily



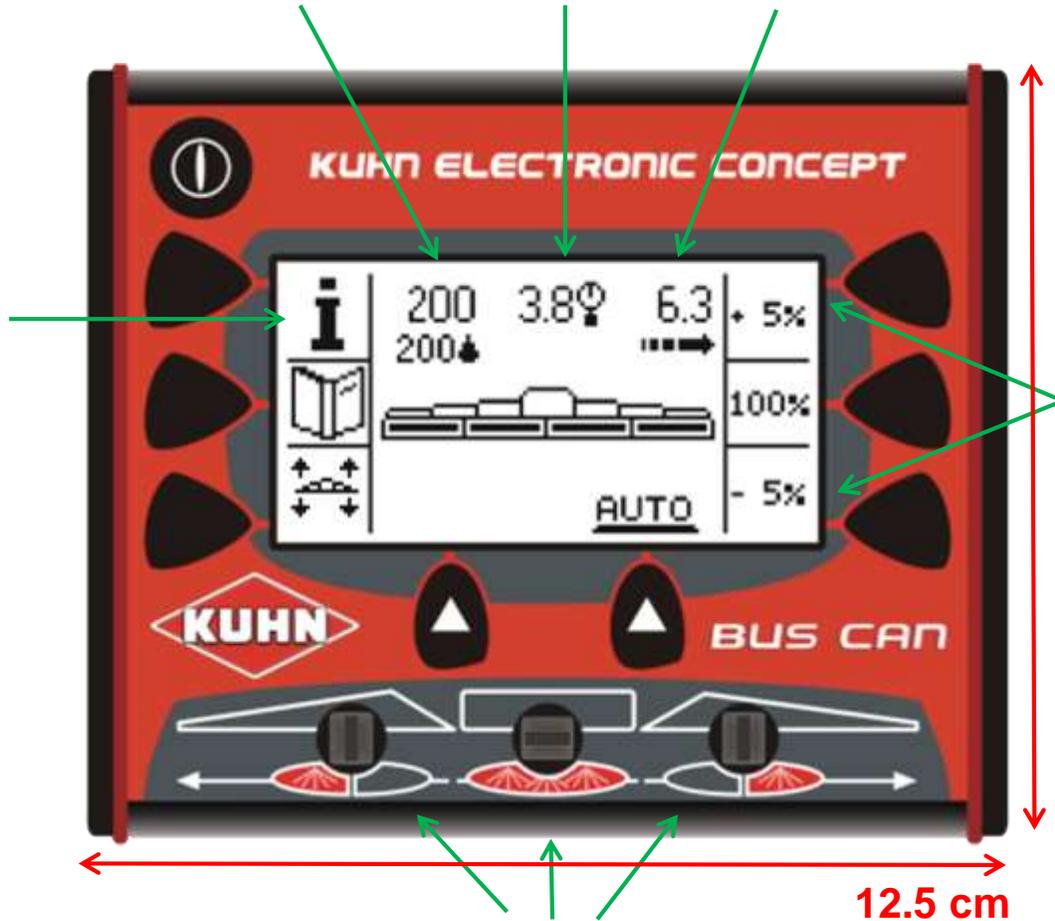
→ 1 switch per function : do not look for the right function !

**RPB control box
(OMNIS only)**

3 importants informations to have a good spraying quality !

Volume Ha Pression Speed

Information



Rate modulation

Sequential management of the sections (7 sections maximum)

KUHN Technical Advantages



Compactness : easy to fit on the cabin

→ **Compact, simple and efficient**



- External rinsing kit
Automatic 15 m PVC handgun

- GPS signal speed (OMNIS only)
The sprayer is autonomous and independent from the tractor!



- Storage locker
Safe positioned and easy to access



Model	OPTIS 600	OPTIS 800	OPTIS 1000	OMNIS 800	OMNIS 1000	OMNIS 1200
Nominal tank capacity (L)	600	800	1000	800	1000	1200
Actual tank capacity (L)	635	850	1058	850	1080	1260
Rinsing tank (L)	100 – optional			100 – as standard		
Pump (L/min)	PM 75-125-165					
Boom type	Steel, manual folding			Galvanised steel, hydraulic folding		
Boom width (m)	2 to 16			12 to 15		
Incorporator with bottle rinser (L)	25-litre – optional			25-litre – as standard		
Tank rotary washer	◇			◆		
Setting up	Manuset					
Regulation	Constant pressure	◆			-	
	DPM	◇ (DPF)			◆ (DPS)	
	DPAE	-			◇	
Dimensions:	OPTIS 800 RPL 12		OPTIS 800 RJP2 15		OMNIS 1000 RHX 15	
Height A (m)	1.90		1.95		3.20	
Length B (m)	1.70		1.85		1.70	
Width C (m)	2.35		2.52		2.55	
Unladen weight (kg)	338		457		655	

◆ standard equipment

◇ optional equipment

- unavailable