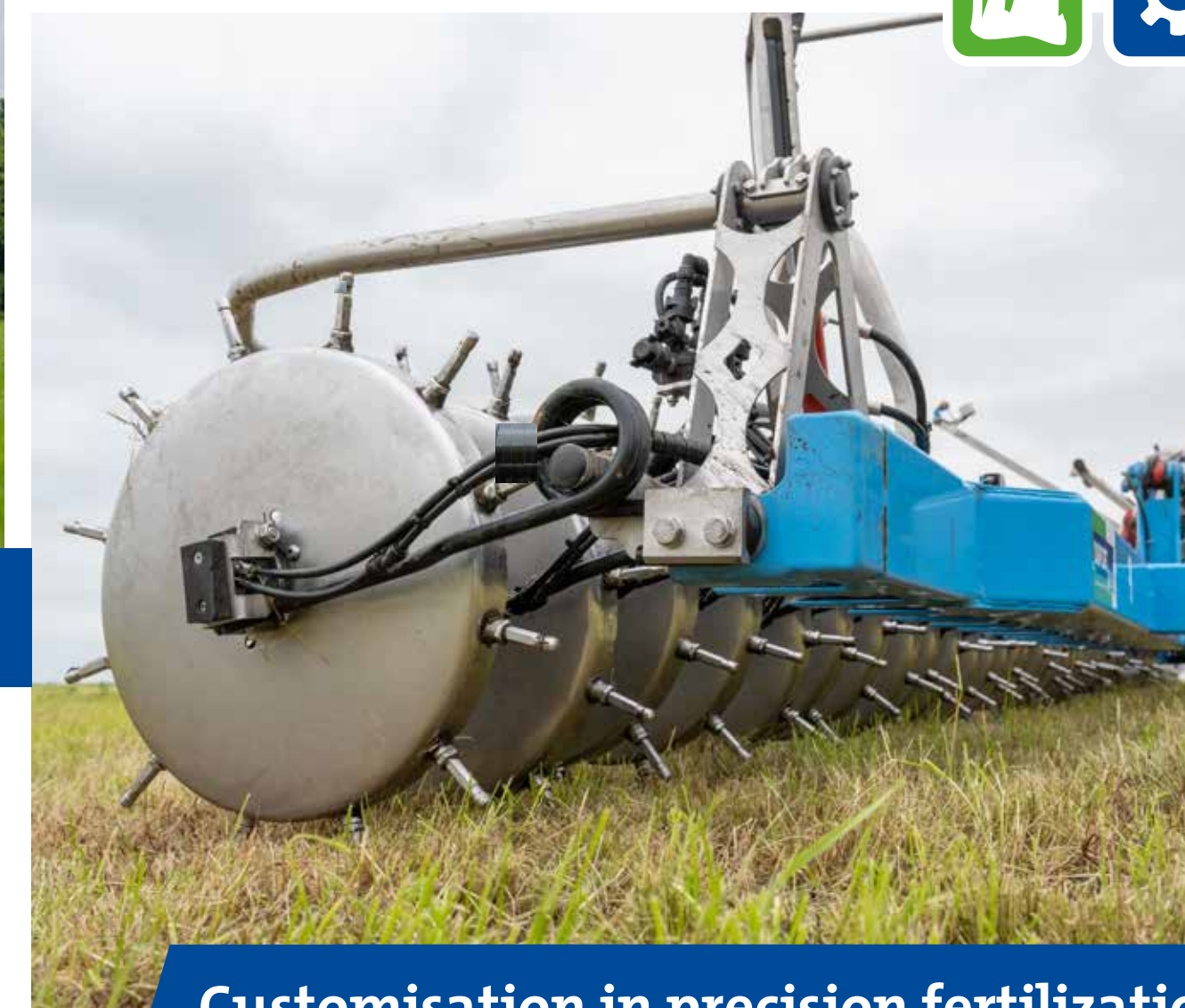




Duport Liquiliser - Turf Care



Duport Liquid fertilizer injector



Customisation in precision fertilization



Liquiliser - RVS



Liquiliser - PE



Liquiliser - Front tank



Liquiliser - Turf Care



Liquiliser - injector



T-Jet Radion 8140

Precision injection of liquids

The Duport Liquiliser Turf Care has been specially developed for the injection of liquid fertiliser into recreational grasses. The Duport Liquiliser Turf Care is also used in the green sector to control leatherjackets and grubs.

The sturdy frame of the Liquiliser Turf Care consists of wheels with spokes and a 600-litre PE tank. The stainless steel injection pins are equipped with a wear-resistant tip. Heavy spring arms on the elements ensure that the injection pins perfectly penetrate into the soil. The solid disk protects the fittings and connecting elements.

Technical specifications - Duport Liquiliser Turf Care

Type Duport Liquiliser - Turf Care	SW2315 TC
Working width (in m)	2.30 mtr
Tank content approx. (in ltr)	600
Dosing pump	115 ltr/min
Tank	PVC
Number of injection wheels	15
Weight approx. (in kg)	600



Pricking pattern Turf Care 16 x 15 cm



Pump



Spring support



Two-conductor system



Cultaanprincipe

Distinctive in fertilization

On the agricultural version of the Duport Liquiliser, the distance between the wheels is 25 cm. The injection pins pierce the ground at 16cm intervals. The distribution hub in the wheels ensures that the liquid only comes out of the injection pin when it is pointed straight downwards. The liquid delivery is variable from 250 to 1,500 litres per hectare. The 2-part stainless steel injection pins are screwed to the disks for ease of replacement. The injection pins are also fitted with a special wear-resistant tip. Heavy spring arms on the elements (deleted) ensure that the pins fully penetrate the soil. The solid disk protects the fittings and connecting hoses.

Technical specifications

Type Duport Liquiliser	SW 8032	SW 12048	SW 13554	SW 15060
Working width (in m)	8.00	12.00	13.50	15.00
Number of injection wheels	32	48	54	60
Distance between discs (in cm)	25	25	25	25
Number of sections	3	5	5	6
Weight approx. (in kg)	1.700	2.540	2.740	3.220

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Technical changes reserved.

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Precision fertilization at the highest level

The Duport Liquiliser has been specially developed for injecting high-quality liquid fertilisers. The injection of insecticides, herbicides or water is also possible. The Duport Liquiliser consists of a sturdy frame with spoked wheels. Via the hollow pins of the spoked wheels, the liquid is injected into the soil at the right depth.



Duport Liquiliser - RVS 8500



Duport Liquiliser - PE 6000



Duport Liquiliser - Front 1500



Your customized Liquiliser

The Duport Liquiliser is available as a stand-alone injector or in combination with specially developed tankers in stainless steel and PE version. The tankers are available in both towed and self-propelled versions with a capacity of 6,000 to 8,500 litres.

The Duport Liquiliser injector can be customised for every user. The standard working widths are 8, 12, 13,5 and 15 metres. The injection pins have a length of approx. 8 cm and are suitable for arable land, grassland and recreational land.

Technical specifications - Duport Liquiliser RVS	
Type Duport tanker	PTW 8500
Tank content approx. (in ltr)	8.500
Dosing pump	500 ltr/min
Tank	RVS
Tyres	BKT 1050/50R32
Weight approx. (in kg)	5.600



Duport Liquiliser Built-on self-propelled machine



Fine filtration per section



Filling pump, 900 liter/min.



Müller TOUCH 800



Hydraulically driven stainless steel centrifugal pump



Manometer per section

Liquiliser operation

For the control and regulation of the Duport Liquiliser we use the Müller computer. From fully automatic control systems to the most modern Isobus technology, the Müller system makes precision agriculture possible. The Isobus technology can be used independently of any manufacturer. The joystick supplied for Isobus systems offers most functions and can be used comfortably and conveniently.

TrackLeader II and Section Control can be installed as an option. The first is a parallel driving system that indicates where the vehicle should be driven. This system can also be used separately for other applications. The SectionControl uses DGPS positioning to determine which sections must be opened or closed. For a piece of land with a curve, there are settings for full overlap, 50% overlap or no overlap. The two systems together provide fully automatic section control, they save costs and it also ensures that everything has been "cultivated".

Technical specifications - Duport Liquiliser PE	
Type Duport tanker	PTW 6000
Tank content approx. (in ltr)	6.000
Dosing pump	500 ltr/min
Tank	PVC
Tyres	BKT 1050/50R32
Weight approx. (in kg)	4.300



Müller SMART 430



LED working lights and daytime running lights



Clean water tank

User benefits

- The fertiliser is applied at exactly the right place, close to the roots
- Total annual yield increase of up to 9% compared to granular spreading
- Protein yield increases up to 20%
- No volatilization or evaporation of fertilizer, minimal leaching washout
- The effect is not dependent on the weather
- Root growth is enhanced, as a result of outgrowth and greener plants, a firmer crop is created
- The crop is less sensitive to stress during drought
- Maximum dosage accuracy and optimal distribution of fertilizer
- No burning and better crop structure

In addition to straight nitrogen fertilizers, multi-purpose liquid fertilizers are also available with phosphate, potassium, sulphur and, possibly trace elements.

Technical specifications - Duport Liquiliser Front tank	
Type Duport tanker	FT 1500
Tank content approx. (in ltr)	1.500
Dosing pump	500 ltr/min
Tank	PVC
LED working lights and daytime running lights	2 + 2
Weight approx. (in kg)	600