



MUNCKHOF



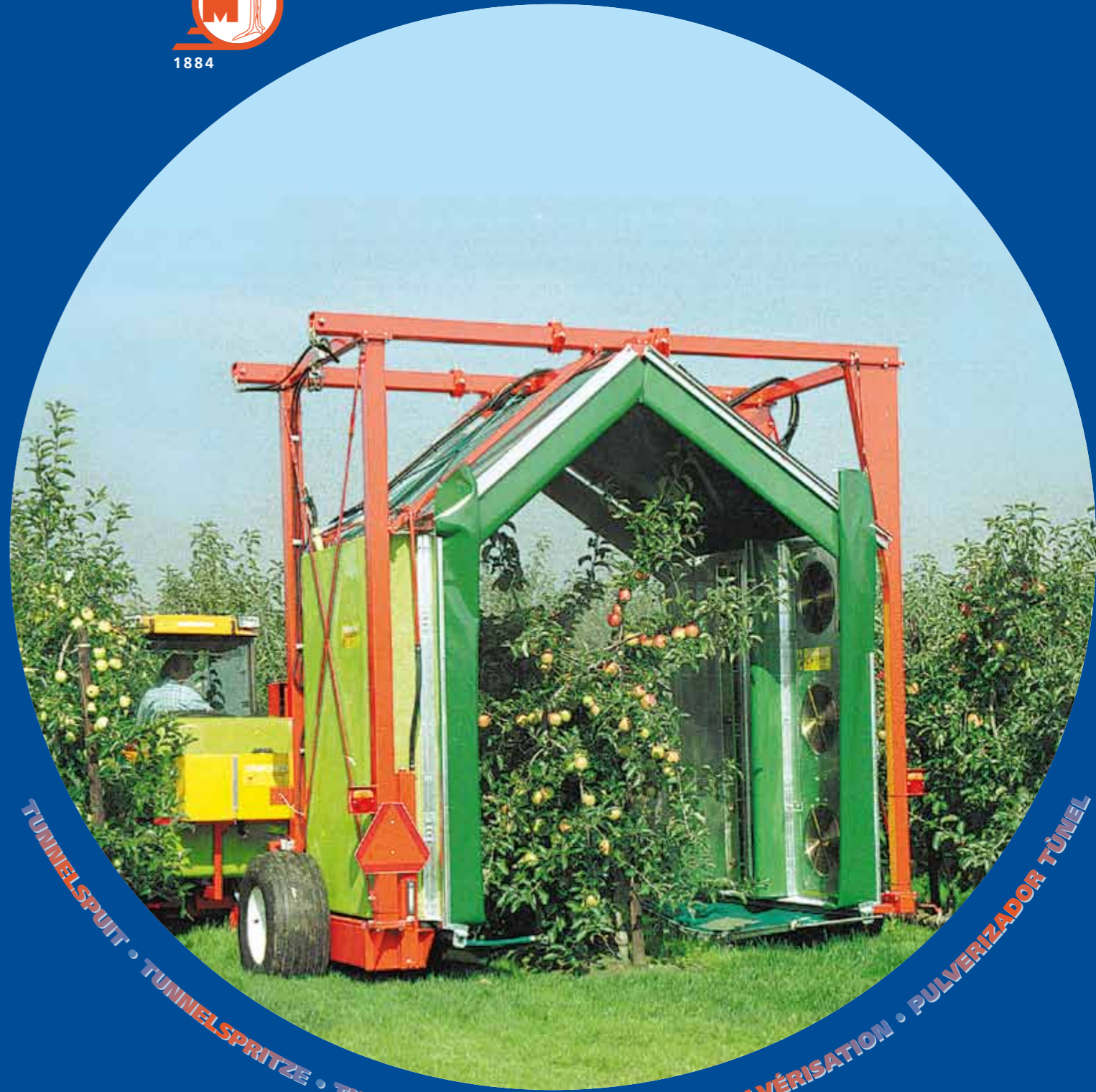
1884

Specifications of the Tunnelsprayer

External	Width 2,70 m Height 3,60 m Length 3,65 m
Internal	Maximum width 2,65 m. Minimum width 1,45 m Height 3,35 m.
Ground clearance	15 cm
Turning circle	Approx. 6 m
Tree height	Maximum 3,25 m
Tree diameter	Maximum 2,45 m
Recommended operating speed	6-8 km/hr

Safety power take-off shaft
 WM70 plunger pump
 65 l/min maximum service pressure 0-60 bar
 P48 recycle pump, MP2 gearbox
 PLP 20,20 oil pump, 90 litre hydraulic oil reservoir
 + temperature gauge
 Tank 600 liters with level indicator
 Clean-water tank 100 litres
 1 hydraulically-adjustable towbar
 2 hydraulic cylinders for adjusting the tunnel width
 6 hydraulic-operated axial-flow fans
 Approved lighting
 Light for evening work
 1 tyre FLOTRAC RIB 31x13,50-15
 1 tyre Bridgestone Desert Dueler 205R 16 ... 990

Dealer:



TUNNELSPUIT • TUNNELSPRITZE • TUNNELSPRAYER • TUNNEL DE PULVÉRISATION • PULVERIZADOR TUNEL

MUNCKHOF

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We reserve the right to make any technical changes or modifications.

Tot 50% en meer besparing op bestrijdingsmiddelen
 50% und mehr Einsparung an Schädlingsbekämpfungsmitteln
 Savings up to 50% or even more on pesticides
 Jusqu'à 50% d'économie et même plus sur vos pesticides
 Ahorro de hasta un 50% o incluso más en pesticidas

After many years of research and experimentation Munckhof has succeeded in developing a new spraying technique for fruit cultivation.



Weight distribution

The front placement of the tank means that approximately 60% of the tunnel sprayer's total weight rests on the tractor, thus ensuring an extremely favourable weight distribution.

Why the Munckhof Tunnelsprayer?

- Lowest emission values to soil, air and surface water.
- Up to 50%+ saving on pesticides.
- Can be used for longer periods in strong winds and fierce sun.



Closed Loop System

Not to be underestimated is the contribution made to the new design by the DLO-Institute of Agricultural and Environmental Engineering in Wageningen, which developed the so called Closed Loop System technology.

In this system, air is sucked out of the tunnelsprayer: this creates an underpressure which helps eliminate most of the forward or backward spray-drift.



Airborne spraying liquid is partly intercepted by the tunnel's special design features, those being:

- the pitched roof construction
- the length of the tunnel
- the swirl flaps
- the side walls
- the flexible draintraps

and partly sucked back in by 6 axialflow fans for subsequent re-use. The liquid is then filtered three times before being fed back to the tank.



Hydraulics

The tunnelsprayer is not reliant on the tractor for hydraulics as it has its own system.

Operation

All the tunnel's functions can be operated from a tractor.



Spraying nozzles

The sprayer is equipped with Trimatic non-drip spraying nozzle holders with ATR Albus swirl nozzles.



Airoutlets

The airoutlets can be adjusted electrically from the tractor to limit forward and backward drift, depending on prevailing wind direction.



Narrow turning circle

The tunnelsprayer is at least as manoeuvrable as conventional tractordrawn sprayers. Limitations on manoeuvrability are imposed by the tractor itself. The head-ends must be a minimum of approximately 6 metres.

The hydraulically-adjustable wheel track and towbar help keep the tunnelsprayer correctly aligned while it is being towed on the road.