

LIPCO Information on Plant Protection

Tractor-mounted *TUNNEL*[®]-Sprayer TSG S1 to S3
for over-row tractors and harvesters



The LIPCO-*TUNNEL*[®]-Sprayer attachment is lifted on the tractor chassis as a complete unit and is ready for use as soon as the hydraulics are coupled. Also fits to older chassis.

- Registered for testing and recognition by the **Federal Biological Research Centre (BBA - No. G 1408)**

If you have a large area to spray, belong to a spray cooperative, or contract spray, you have to have an eye for economy. The all-over intensive treatment of 2, 3 or more rows at the same time makes you unbeatable as regards speed and savings. With an over-row tractor or harvester chassis you can work longer and avoid expensive standstill periods, all of which positively affects your bank balance.

**Save on spray material, working time
and fuel costs and use your
expensive
special equipment all the year round.**



LIPCO

Save cash and expensive working hours.

YOUR BENEFITS

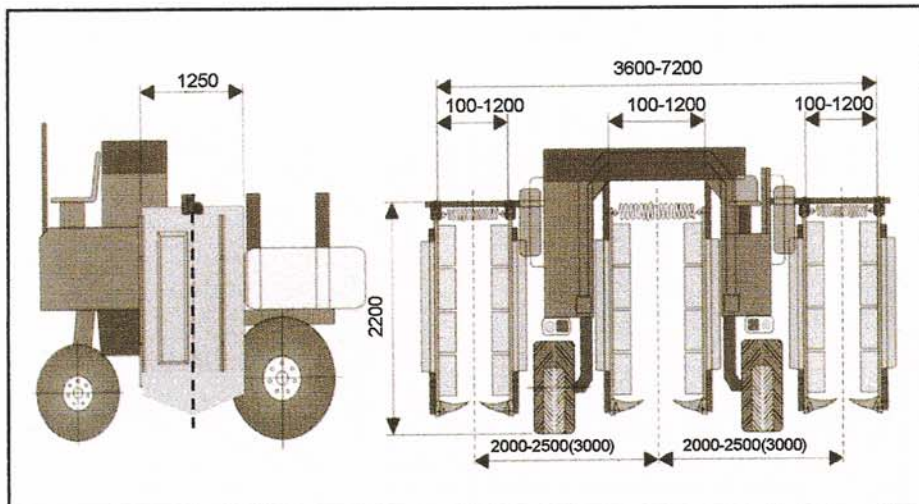
- Less time wasted in refilling tanks - the spray concentration remains unchanged.
- Biologically effective in trials run over several years; successfully tested by users and recognized Scientific Institutes.
- The driver does not come into contact with the spray mist and neighbouring areas are unaffected by drift.
- Low fuel consumption
- The same turning circle as usual
- An active way to emphasize the environmental concern of the grower.
- Less chemical treatment per hectare.
- THE advertising point for your wine (environment-friendly cultivation)
- Replacement parts available from your dealer or direct from the factory.

SPRAY TECHNIQUE

The tunnel acts as an almost completely closed chamber in which the spraying takes place. The highly concentrated spray mist is deposited on all surfaces of the target. A chamber spraying technique is thus employed and atomisation of the spray solution is sufficient to produce enough spray mist for optimum coverage. In the tunnel the spray is direct on target and excess runs back into the tank. This is the secret of the **LIPCO-TUNNEL®** Technique !

ACT TO SAVE THE ENVIRONMENT

Since the unused spray solution is collected and can be reused, no agrochemicals are lost or wasted. Soil contamination is drastically reduced. At last the environment is protected ! The driver and passersby breathe fresh air.



SPECIAL OPTIONS

- External mixer for spray solution for transfer of the mixture to the tank and rinsing residues from the container.
- Possibility to extend outer tunnel for interrow widths up to 3,0 m (instead of 2,5 m)
- Transverse blower for air assistance

THE BASIC EQUIPMENT

- Stable steel framework
- High-quality double-layer paintwork
- Membrane pump 230 ltr., 16 bar
- 5 electromotor valves with control box for setting pressure and switching off spray jets; separate switch off for tunnel.
- 2 plastic tanks, 1000 ltr. each
- Injector agitator
- Spray input with integrated sieve
- Hydraulic interrow adjustment from 2,0 m to 2,5 m
- Trap for spray mist
- Hydraulic tunnel adjustment of the outer tunnel from 0,1 to 1,2 m; the middle tunnel is mechanically adjustable.

- Recycling walls made of polyethylene, 1,25 x 2,0 m (2 walls per tunnel)
- Flexible suspension of outer walls
- 2 double-action electromagnetic valves 12 V for hydraulics
- Oil-hydraulic motor for pump operation
- Stainless steel jet pipes, three-way adjustable
- 1 fine-mesh filter/tunnel (50 mesh) for recycled spray solution
- High pressure filter (80 mesh) and suction filter
- Adjustable nozzle holders with diaphragm check valve (5 per wall)
- Albus APE 80° orange fan spray nozzles
- Hydroinjector for spray return
- Supports for parking the sprayer when not in use
- 85 ltr. tank for fresh water

Subject to change without notice

Manufacturing and distribution

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