

# Technik-Plus



Front-Turbo - the perfect FRONT-TANK  
for underroot fertilization in maize cultivation!

# FRONT-TURBO 2

## Pneumatic seeding machine



### Usage

- Grain sowing
- Catchcrop
- Mineral fertilizers

### Advantages of the machine

- Easy mounting
- Hopper volume from 1.000 to 2.000-lit.
- Front mounting

### 1 or 2 pcs. Tower-Distributor

- Tower Inox, 1 inlet tube diam 80mm or 100mm with a transparent plastic cover
- 4, 6, 7, 8 or 9 (DM 40mm) or 12, 18, 24, or 28 (DM 30mm) outlet tubes

### Seedrolls for different operations

Seedrolls for small amounts 5mm, 10mm, 15mm (optional)

- Seed rate: 3-40kg/ha
- Seed: Small seeds

Especially for rape is a cleaning-brush available (optional)

### Standard seedroll

- Seed rate: 15-100kg
- Seed: Catchcrop

### Seedroll (metall)

- Seed rate: 100-300kg/ha
- Seed: Grain, Fertilizer

### 1x fan for 2 seeding units

Hydraulic fan drive

- With 1 power fan diam 450mm inkl. 2nd return line with valve
- Oil cooler
- Control sensor for fan speed
- Max. oil flow on hydraulic system 50-lit/min
- Hydraulic motor max. 20-lit./min



Low level sensor (optional)

# FRONT-TURBO 2

## Mineral fertilizer spreader



### 2x Pneumatic seeding units

- 1 outlet tube DM 80mm or 100mm
  - > Outlet into tower-distributor incl. quick-hose coupling
- KTL powder coating
- Electric seedroll motor
- Changeable seedrolls:
  - Standard seedroll (plastic)
  - Metall seedroll
- Adjustable flaps Inox
- Agitator
- Hopper 1.000-lit. incl. lid and frame
- Without mounting frame (optional)

### Control unit „Twin“

The „Twin“ controller regulates the sowing quantity according to the driven speed. The Twin is ready for operation after a short programming in 4 steps. Following information can be checked during driving:

- Current driving speed in km/h
- Current seed rate in kg/ha for unit A and B
- The adjusted seed rate in kg/ha for unit A and B
- The already seeded amount in kg for unit A and B
- The already processed area in ha for unit A and B
- The current rotational speed of the hydraulic fan



Such combinations can be mounted on every big area seeding machine.

# FRONT-TURBO

## Pneumatic seeding machine

- 1 outlet tube Diam 100mm  
> outlet into tower distributor with quick-hose coupling
- KTL powder coating
- Hydraulic power fan with diam 450mm  
2nd return line with valve
- Electric seedroll motor 1 speed
- Changeable seedrolls:  
Standard seedroll (plastic)  
Metal seedroll
- Adjustable flap Inox
- Agitator
- Road lightning front
- Hopper 1.000-lit. incl. cover and frame
- Without mounting frame (optional)



## Tower-distributor

Inox, 1 inlet tube diam 100mm with transparent plastic cover without air release head

Outlet tubes 4, 6, 7, 8 or 9 (Dm 40mm) or 12, 18, 24, 28 (Dm 30mm) - selectable



## Control unit (in cab)

Version with Seeder+ control

Fully automatic, vario speed, with ON/OFF sensor, fan rotation sensor and speed sensor, cable length 7m



## Measurements

(LxBxH)

- 1.000-lit. hopper 170 x 100 x 160cm
- 2.000-lit. hopper 190 x 170 x 200cm

# FRONT-TURBO

## Equipment for FRONT-TURBO

### Mounting frame for FRONT-TURBO

- Quick-coupling triangle for front mounting  
(only possible with max. 1.000-lit. hopper)

- 3-point frame for front mounting

- Seed roll for small amount

- Additional agitator (especially for organic fertilizer)

- Plastic hose DM 100mm  
- Plastic hose DM 30mm  
- Plastic hose DM 40mm  
- Plastic hose DM 25mm  
- Spreader plate stainless steel DM 25/30/40mm

- Hopper 1.300-lit. with big metal cover

- Hopper 2.000-lit. with plastic cover standard



# Equipment

Signal plug connector cable standard



Low level hopper sensor



Speed radar kit



Air release head for tower



Tramline function per row



## Special task

Mineral fertilizer prices rise but using a FRONT-TURBO increase efficiency of crop for optimum yield.

The great benefit is when conditions are very dry, the crop can quickly gather necessary minerals.

Mais is cultivated as a high yield feed plant for biogas production in many advantaged locations. Monoculture is harmful to the environment and the health of soil. Seeding an adapted cover crop (f.e.: ray grass, forage rye) improves the soil and restocks the animal feed.

The FRONT-TURBO is developed for seeding corn mineral fertilizer, and every cover crop. Distribution is done in rows or as areal planting.

Advantage - a flexible mounting.

The correct amount is adjusted by the speed of the seed roll. From the seed roll the material gets to the outlet tube and is distributed by the distribution tower equally.

The high-power fan makes it possible to transport the grain in the hoses over longer distances.

For Distribution are two options available:

1. Area seeding with spreader plates
- 2 Seeding in rows with the double disc shares.

Up to 50 rows per operation step are possible.

Special customer requirements always result in new solutions for us.





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