

# Technik-Plus

Sämaschinen e.U.  
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Your success is our aim!



OPTIMISE PROFIT and QUALITY  
by intelligent combining!

# Pneumatic seeding machine

## Turbo Jet Super 6

### Fan electric

#### Standard

6 outlet tubes diam 30mm  
 KTL powder coating  
 6 spreader plates galvanized  
 20m plastic hoses diam 30mm  
 Selective 130-, 200-, 300-, 400-liter plastic hopper (transparent) with liter scale and cover with screw cap  
 Adjustable flaps standard, agitator  
 Seed rollers for different operations:  
 - Standard seedroll  
 - Metal seedroll  
 Electric seedroll motor 12V



#### Blower

Quattro-Blower-Technics:  
 Electric 12V, 2 x double fan  
 (= 4 turbines)  
 5.400 rpm



#### PROFI-Control

ON/OFF  
 Stepless adjustment of output amount  
 ON/OFF-Sensor  
 Seed roll control sensor  
 Fan and seed roll ON/OFF: First starts the fan, then the seed roll.  
 When switching off, it takes place in reverse order.



#### PROFI-SPEED (Optional)

ON/OFF switch  
 Speed-dependent control  
 Linkage control (Seed roll switches off when linkage is raised, fan continues to run)  
 Can be used with radar, GPS, 7-pin signal socket, sensors  
 Simple calibration test  
 Blower and seed shaft on/off time-delayed, as with the Profi-control



#### SEEDER+ (Optional)

Fully automatic  
 Seed amount is automatically adjusted according to driven speed  
 With ON/OFF sensor and speed sensor  
 Data cables 7m



#### Measurements (LxWxH)

130-lit	80 x 50 x 125cm
200-lit	80 x 70 x 115cm
300-lit	86 x 70 x 120cm
400-lit	86 x 70 x 134cm

# Pneumatic seeding machine

## Turbo Jet Super 8

### Fan electric

#### Standard

8 outlet tubes diam 30mm  
 KTL powder coating  
 8 spreader plates galvanized  
 25m plastic hoses diam 30mm  
 Selective 130-, 200-, 300-, 400-liter  
 plastic hopper (transparent)  
 with liter scale and cover with screw cap  
 Adjustable flaps standard, agitator  
 Seed rollers for different operations:  
 - Standard seedroll  
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400-lit	86 x 70 x 134cm

# Pneumatic seeding machine

## Turbo Jet Super 8

### Powerfan electric

#### With reinforced fan

8 outlet tubes diam 30mm  
 KTL powder coating  
 8 spreader plates galvanized  
 25m plastic hoses diam 30mm  
 Selective 130-, 200-, 300-, 400-liter plastic hopper (transparent) with liter scale and cover with screw cap  
 Adjustable flaps standard, agitator  
 Seed rollers for different operations:  
 - Standard seedroll  
 - Metal seedroll  
 Electric seedroll motor 12V



#### Blower

Quattro-Blower-Technics:  
 Power Electric 12V, 2x double fan (= 4 turbines), 6.500 rpm  
 40-50 Ampere



#### PROFI-Control

ON/OFF  
 Stepless adjustment of output amount  
 ON/OFF-Sensor  
 Seed roll control sensor  
 Fan and seed roll ON/OFF: First starts the fan, then the seed roll.  
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#### Measurements (LxWxH)

130-lit	80 x 50 x 125cm
200-lit	80 x 70 x 115cm
300-lit	86 x 70 x 120cm
400-lit	86 x 70 x 134cm

# Pneumatic seeding machine

## Turbo Jet Super 12 / Basic TP08

### Powerfan electric

#### With reinforced fan

12 outlet tubes diam 25mm  
 KTL powder coating  
 8 spreader plates galvanized  
 30m plastic hoses diam 25mm  
 Selective 130-, 200-, 300-, 400-liter  
 plastic hopper (transparent)  
 with liter scale and cover with screw cap  
 Adjustable flaps standard, agitator  
 Seed rollers for different operations:  
 - Standard seedroll  
 - Metal seedroll  
 Electric seedroll motor 12V



#### Blower

Quattro-Blower-Technics:  
 Power Electric 12V, 2x double fan  
 (= 4 turbines), 6.500 rpm  
 40-50 Ampere



#### PROFI-Control

ON/OFF  
 Stepless adjustment of output amount  
 ON/OFF-Sensor  
 Seed roll control sensor  
 Fan and seed roll ON/OFF: First starts the fan, then the seed roll.  
 When switching off, it takes place in reverse order.



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ON/OFF switch  
 Speed-dependent control  
 Linkage control (Seed roll switches off when linkage is raised, fan continues to run)  
 Can be used with radar, GPS, 7-pin signal socket, sensors  
 Simple calibration test  
 Blower and seed shaft on/off time-delayed, as with the Profi-Control



#### SEEDER+ (Optional)

Fully automatic  
 Seed amount is automatically adjusted according to driven speed  
 With ON/OFF sensor and speed sensor  
 Data cables 7m



#### Measurements (LxWxH)

130-lit	80 x 50 x 125cm
200-lit	80 x 70 x 115cm
300-lit	86 x 70 x 120cm
400-lit	86 x 70 x 134cm

# Pneumatic seeding machine

## Turbo Jet Super 12 / Basic TP12

### Powerfan electric

#### With reinforced fan

12 outlet tubes diam 30mm  
KTL powder coating  
12 spreader plates galvanized  
30m plastic hoses diam 30mm  
Selective 130-, 200-, 300-, 400-liter  
plastic hopper (transparent)  
with liter scale and cover with screw cap,  
Adjustable flaps standard, agitator  
Seed rollers for different operations:  
- Standard seedroll  
- Metal seedroll  
Electric seedroll motor 12V



#### Blower

Quattro-Blower-Technics:  
Power Electric 12V, 2x double fan  
(= 4 turbines), 6.500 rpm  
40-50 Ampere



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300-lit	86 x 70 x 120cm
400-lit	86 x 70 x 134cm

# Pneumatic seeding machine

## Turbo Jet Super 8

### Fan hydraulic

#### Standard

8 outlet tubes diam 30mm  
 KTL powder coating  
 8 spreader plates galvanized  
 30m plastic hoses diam 30mm  
 Selective 130-, 200-, 300-, 400-liter  
 plastic hopper (transparent)  
 with liter scale and cover with screw cap,  
 Adjustable flaps standard, agitator  
 Seed rollers for different operations:  
 - Standard seedroll  
 - Metal seedroll  
 Electric seedroll motor 12V



#### Blower hydraulic

With 1 power turbine diam 380mm  
 Incl. 4m hydraulic hoses  
 Hydraulic motor



#### PROFI-Control

ON/OFF  
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 ON/OFF-Sensor  
 Seed roll control sensor  
 Fan and seed roll ON/OFF: First starts the fan, then the seed roll.  
 When switching off, it takes place in reverse order.



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 Can be used with radar, GPS, 7-pin signal socket, sensors  
 Simple calibration test  
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#### SEEDER+ (Optional)

Fully automatic  
 Seed amount is automatically adjusted according to driven speed  
 With ON/OFF sensor and speed sensor  
 Data cables 7m



#### Measurements (LxWxH)

200-lit	125 x 70 x 120cm
300-lit	125 x 70 x 125cm
400-lit	125 x 70 x 141cm

# Pneumatic seeding machine

## Turbo Jet Super 12

### Fan hydraulic

#### Standard

12 outlet tubes diam 30mm  
 KTL powder coating  
 12 spreader plates galvanized  
 40m plastic hoses diam 30mm  
 Selective 130-, 200-, 300-, 400-liter plastic hopper (transparent) with liter scale and cover with screw cap  
 Adjustable flaps standard, agitator  
 Seed rollers for different operations:  
 - Standard seedroll  
 - Metal seedroll  
 Electric seedroll motor 12V



#### Blower hydraulic

With 1 power turbine diam 380mm  
 Incl. 4m hydraulic hoses  
 Hydraulic motor



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 Data cables 7m



#### Measurements (LxWxH)

200-lit	125 x 70 x 120cm
300-lit	125 x 70 x 125cm
400-lit	125 x 70 x 141cm

# Optional for pneumatic seeding machines Turbo Jet Super 6, 8 or 12

## Hopper

Machines TP-TURBO-JET SUPER 6, 8 and 12 will be delivered with selective 130, 200, 300 or 400lit. One of these hoppers is included in the machine price.



## Hopper volume (Optional)

- 500-lit hopper
- 800-lit. hopper with hopper frame
- 1.200-lit. hopper with hopper frame
- 1.500-lit. hopper with hopper frame



## Possible working width

	Small seed (f.e: Rape, Clover, Grass)	Big Seed (f.e: Peas, Vetch, Beans)
Turbo Jet Super 6	max. 6m	max. 3m
Turbo Jet Super 8	max. 6m	max. 3m
Turbo Jet Super 8 Power fan	max. 10m	max. 4m
Turbo Jet Super 12 Basis TP08 Power fan	max. 10m	max. 4m
Turbo Jet Super 12 Basis TP12 Power fan	max. 10m	max. 4m
Turbo Jet Super 8 Hydraulic fan	max. 12m	max. 6m
Turbo Jet Super 12 Hydraulic fan	max. 12m	max. 6m

The possible maximum output amount is dependent on the different seeds

# Equipment for Turbo Jet Super 6, 8 or 12

## Upgrade parts

- Seedroll for small amount (5mm, 10mm, or 15mm)



- Stainless steel flap with nose, for Turbo-Jet 6/8 or 12



- Y dividers 25mm (inox) or 30mm (plastic)  
- Plastic hoses diam 25mm or 30mm



- Spreader plates diam 25/30mm, galvanized  
- Spreader plates DM 25/30mm, inox



## Upgrade parts for hydraulic blower

Additional 2 return hose incl. valve



## Upgrade parts for PROFI-SPEED and SEEDER+ Control

Ground wheel for speed sensor mounting



Low-level hopper sensor



Signal plug connector cable, standard



Speed radar kit



For a convenient operation the right choice plays an important rule. It can be chosen between three suitable control units:

## PROFI-Control

The Profi Control unit is included to the standard set and performs the following functions:

- On/off switch: Turns the complete unit on or off
- Poty: For changing the speed (rpm) on the seed roll motor = adjustment of output amount. To get a correct output amount the driven speed must be constant.
- On/off sensor = linkage sensor: The profi control unit is delivered with the on/off sensor (reacts to metal). The sensor function can be switched off.
- Seed roll control sensor
- Seed roll motor on/off: First the fan starts to blow and then the seed roll turns. When switching off it takes place in reverse order.
- Calibration: For calibration keep the red button pressed. Just the seed roll motor turns. The fan is turned off.



## PROFI-SPEED

- ON/OFF switch
- Speed-dependent control
- Linkage control (Seed roll switches off when linkage is raised, fan continues to run)
- Can be used with radar, GPS, 7-pin signal socket, sensors
- Simple calibration test
- Blower and seed shaft on/off time-delayed, as with the PROFI-Control



## SEEDER+

The Seeder+ unit is a vario speed control. It adjusts the speed of the seed roll motor (=output amount) according to the driven speed. After a short programming of 4 steps the Seeder+ is ready for operation. During work following informations can be checked:

- Actual driven speed in km/h
- Actual output amount in kg/ha
- The programmed output amount in kg/ha
- The already seeded amount in kg/ha
- The already done area in ha

To get the correct output amount, the unit needs the driven speed from the tractor. This speed can be taken by a speed sensor, GPS, Radar or signal plug from tractor.

For fully automatic it is possible to install the on/off sensor on the linkage or use the on/off signals from the signal plug cable. When the linkage is lifted the seed roll motor stops (fan is still working).



Some Claas and John Deere signal sockets are not compatible with the Profi-Speed and Seeder+ unit.

We are happy to advise you and look forward to your appreciated inquiries and orders!

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