

Technik-Plus



Global Carbon Farming

Conservation Farming & Climate Smart Agriculture
by **Technik-Plus**

Your success is our aim!



OPTIMISE PROFIT and Quality by intelligent combining

Pneumatic Seeders „Turbo Jet Super 6, 8 or 12“ Electric or hydraulic

Politicians' frequent sayings concerning improving and increasing agricultural results often mutilate the image of national farmers and large agricultural sectors, which requires a number of clever ideas nowadays.

A modern consumer requires ecologically healthy products, grown with high savings on chemicals and mineral fertilizers.

This situation may be solved by pneumatic seeding-machine Turbo Jet Super 8 with electric drive. This machine used for seeding cover crops, is applied in small and large agricultural sectors.

For more than 15 years this model has been used for seeding rape from dry valleys of Australia to golden rape fields of Siberia. Each farmer has his own idea for this machine application.



Australia has the highest and of best quality milk production standard, simultaneously, this country is the milk exporter of powder milk to the countries of Asia. First step to become a successful milk producer is the high amount and quality harvest of pastures. The best effect in achieving high productivity of farmland is provided by simple combinations with pneumatic seeder Turbo-Jet Super 8.

With milk production and crop cultivation a good profit can be reached all over the world. The Turbo Jet Super 12 with successful cultivation of cover crop, grass land mixtures and crop is already operating in the fields.

Clover seeding with barley in one step in spring.



For a convenient operation, choosing the right control unit is very important. It can be chosen between two suitable control units:



CONTROL UNIT „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 working following informations can be checked:

- Actual driven speed in km/hr
- Actual output amount in kg/ha
- The programmed output amount in kg/ha
- The already seeded amount in kg
- The already done area in ha
- The actual rpm of hydraulic fan
- Automatic tram line function

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 cabel. When the linkage is lifted the seed roll motor stops (fan is still working).

CONTROL UNIT „SEED CON“:

During working following informations can be checked:

- Actual driven speed in km/ha
- Actual output amount in kg/hr
- The programmed output amount in kg/ha
- The already seeded amount in kg
- The already done area in ha
- The actual rpm of hydraulic fan
- Automatic tram line function
- Cotrolling with 7 or with Smartphone or Tablet,„ISOBUS monitor, Touch display TFT800x480 pixel, incl. cables (No WLAN)



„PROFI“ CONTROL UNIT

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 rollmotor 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). Shines the LED next to the yellow button the sensor is active. It is possible to inactivate this ON/OFF: The green button turns the seed roll motor on or off. Before the seed roll motor the fan starts to blow. After 2-3 seconds the seed roll motor turns on. When switching off the fan continuous blowing for 2-3 seconds to avoid blocked hoses.

Calibration: For calibration keep the red button pressed. Just the seed roll motor turns. The fan is turned off.

„FRONT-TURBO“

Corn 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 outlettube 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. Row seeding behind tires



2. Seeding in rows with the double disc shares. Up to 50/60 rows per operation step are possible!



Chisel plow „KLIMA FALKE“



After seasons of intensive soil cultivation, maximum investment on fertilizer and agro chemicals, harvest results experienced at a unsatisfied level. Thinking about sophisticated farm work, created the idea to change farming to highest convenience, cost cutting (saving) system. Simultaneously increasing yield and Quality to harvest golden products.

A short while of study the activity of HC+CO₂ in the soil, the future decision was easy. Subsoiler with blowing into soil HC+CO₂ shortly after harvest. (Juli, August). Hydrocarbonoclastic microorganism will create it's full activity. Leave straw and rest from harvest on top.



LIFT and open compact soil sections, water from heavy rain to be stored in deeper soil horizon following cash crop will develop in graze and beauty.

Hydrocarbonoclastic microorganism will use salt, chloride and chemical residue as their feed. Micro Element's (P, Mg etc.) Quickly become available for next cash crop. Highest product quality and yield potential is guaranteed. Subsoiler in Version 4 tines and 6 tines available. Working with guide systems can follow direct seeding in 4, 8 and 12 rows. 6 tines for 6, 12 and 18 row direct seeding of following crop. The practice has proofed, savings in Agro chemicals great savings on high priced salty fertilizer, fungicide and insecticide. Liquid ammonium can prepare the way for highest yield and golden quality.



DISC-Kombi



Control unit SEEDER+

- fully automatic
- speed independent
- Monitor in cab/ control box on machine
- Audioalarms and Error-Codes
- Speed sensor and on/off sensor
- Data cables 7m

Pneumatic seeding machine TURBO-JET SUPER

- 1 outlet tube diam 80mm (basic machine Turbo-Jet Super 6)

Painting red - CED

- Electric driven fan

Quattro-Blower-Technics

2x double fan standard (=4 turbines), 5400 rpm

- Electric seedroll motor with 1 speed

- Exchangeable seedrollers:

Standard seedroll (plastic), metal seedroll

- Adjustable flap standard

- Agitator

- Selective 130, 200, 300 oder 400-Litre hopper with litre scale, sealed over and chain secure

Tower distributor

- stainless steel

- transparent plastic cover

- 1 inlet tube diam 80mm

- 20/30 outlet tubes diam 30mm

- 35m plastic hoses

Double disc shares

- Frame with 20/30 double disc shares (30)

- Disc holder 6mm thickness

- Floated depth control

- Adjustable seed placement

Wide gap > big seed

Narrow gap > small seed

- Working width 3m

- 3-point-mounting



„WINTER-PROFI“



Working width 1-4 m:

The sower is used for sowing sand, salt and small shredded stones onto snowed roads or parking places.

Stainless steel seeding unit

Working width max 3-4m

Adjustable output amount on machine

ON/OFF switch

Adjustable spreader plate

12V spreader plate motor with gearbox

90-lit. hopper incl. sealed cover and liter scale

Control unit in cab

- Speed adjustment Working width 1-4 m
- ON/OFF



Optional:

- 300-lit. hopper incl. frame
- 60- or 105-liter hopper
- 130-liter hopper
- Grubber frame
- 3-point frame

Seeder „Professional“

Spreader for small seed, with KTL powder coated frame with a 50x50 square tube

90-litre plastic hopper (standard) with sealed cover, easy emptying and litre indication

Stainless steel spreader plate and feeder

Equal output and seed adjustable

Agitator

Adjustment of spreading schema on the spreaderplate

Electric switch (motor) operated with feeder (240N)

Heavy duty spreader plate motor (2.700 rpm, 200W-required amperage: to start 15A – in service 5A to 20A)

CONTROL UNIT (in cab):

- ON/OFF

Feeder open/close

Stepless adjustment for working width

Cable length 7m



Spreader „ÖKO-AIR“ (Inox or galvanized)

Seeder „ÖKO-AIR“ (Stainless steel or galvanized)

Multifunctional seeding unit stainless steel with 50x50 square tube - or galvanized seeder with 50x50

12V single fan

Selective 2, 3, 4 or 5 outlet tubes: (DM30mm) 6 or 8 outlet tubes (DM 25mm)

90-lit. (Standard) hopper incl. sealed cover

12V-drive from tractor battery

Adjustable flap

Electric seedroll motor

Standard seedroll mounted

Agitator

For small seed and micro granulates

Working width 1- 4m



Incl. PROFI control (in cab):

ON/OFF

Stepless adjustment of seedroll

ON/OFF sensor and seedroll sensor

Calibration

Cable length 7m

Seeder „Mouse-Security“ or „Slug-Security“

Seeding unit GALVANIZED with 50 x 50 square tube 90-lit

plastic hopper (standard)
with sealed cover
Spreader plate stainless steel
Adjustable throw plates
Electric drive from 12V battery
Heavy duty motor for spreader plate
Agitator
Standard seedroll mounted
Stepless adjustment of rotation speed of spreader plate (=working width)
Stepless adjustment of output amount
Electric drive of seed roll with separate motor
Adjustable hand over point on spreader plate
accurate distribution
WORKING WIDTH 2,5-28m



PROFI control unit (in cab):

Potentiometer 1: Adjustment of seedroll rotation

For requested output amount

Potentiometer 2: Adjustment of spreader plate rotation for requested working width

Cable length: 7m



We look forward to your appreciated orders!

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