

# Technik-Plus

## CONTROL UNITS

Öko-Air. Turbo-Jet. Front-Turbo



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

# CONTROL UNITS

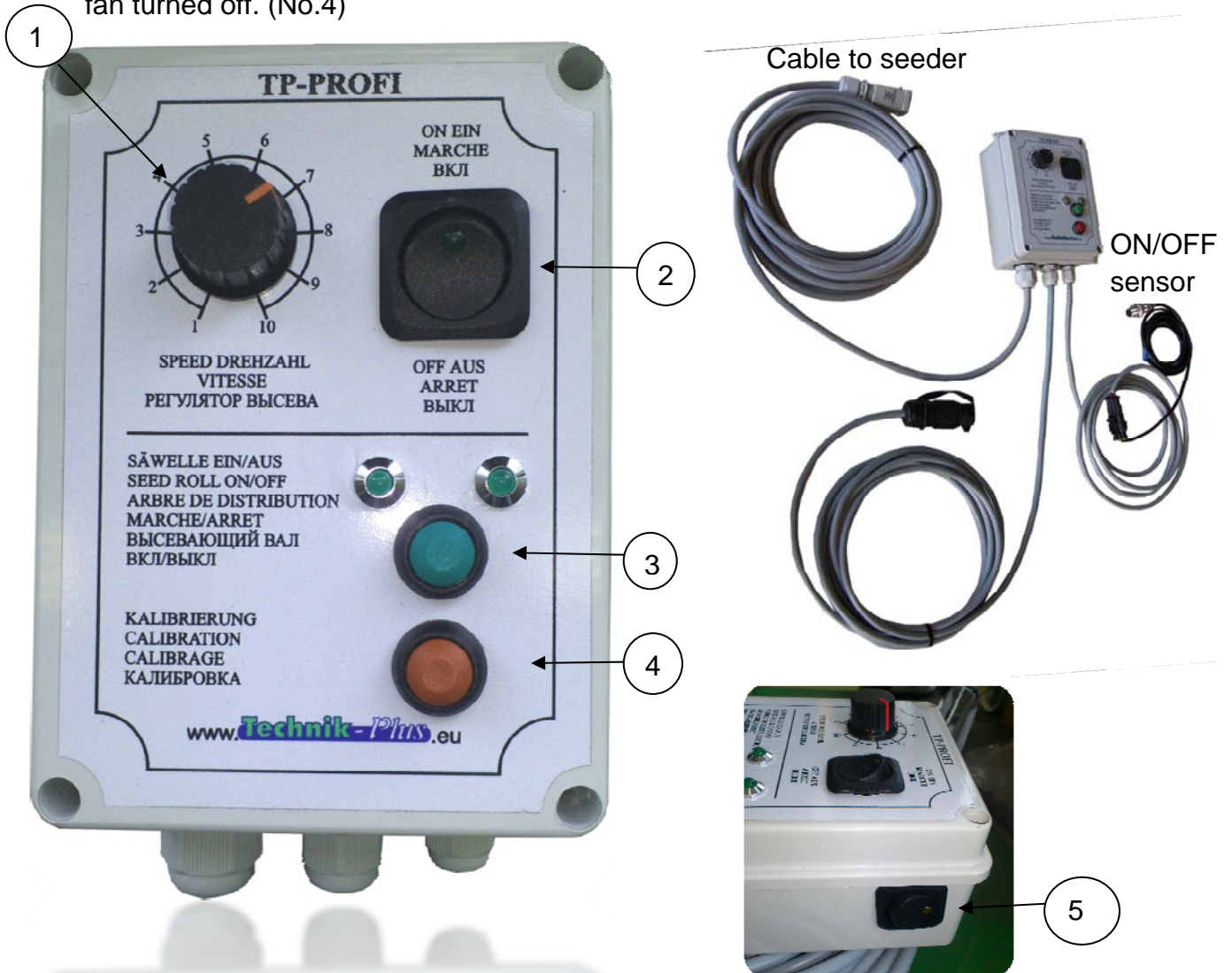
for Öko-Air, Turbo-Jet, Front-Turbo

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## 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. (No.2)
- 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.(No.1)
- On/Off sensor = linkage sensor: The profi control unit is delivered with the on/off sensor (reacts to metal). Shines the LED on the yellow button the sensor is active. It is possible to inactivate this ON/OFF sensor. (No.5)
- Seed roll motor 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 afterblows for 2-3 seconds to avoid blocked hoses. (No.3)
- Calibration: For calibration keep the red button pressed. Just the seed roll motor turns. The fan turned off. (No.4)



## 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 information can be checked:

- Actual driven speed in km/h
- Actual output amount in kg/ha
- The programmed output 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 cable. When the linkage is lifted the seed roll motor stops (fan is still working).

It is possible to seed with the simulated speed completely to the border of the field. Usually the seed roll turns just when the unit gets speed signals (= when the tractor is driving).

At the beginning of the field or for testing it can be needed that the seed roll should turn when tractor stands.

In that case the driven speed can be simulated.





## SEED. CON

A new feature in the product range is the SEED.CON control that is operated from a smart phone or tablet. An intuitive graphic user interface makes it quick and easy to adjust settings including speed-dependent metering based on a star wheel.

Furthermore, the weights of the broadcast seeds can be entered conveniently right next to the seeder. In addition to smart phones/tablets an ISOBUS terminal can also be used to control the system (also in parallel).



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<b>Function</b>	<b>Profi-control unit</b>	<b>Seeder+</b>	<b>Seed Con. without Monitor</b>	<b>Seed Con. with Monitor</b>
Adjusting of output amount - manual	X			
Adjusting of output amount - automatic		X	X	X
Changing of output amount during driving	X	X	X	X
Speed taken from sensor, GPS, radar mounted on seeder		X	X	X
Speed taken from signal plug		X		
Isobus possible				X
With display to enter and read values		X	X	X
Visual error signal		X	X	X
Audible error signal		X		
Simulated speed		X	X	X
Operation with smartphone or tablet without cable			X	X