

SMAUT

SMART AUTONOMOUS
TECHNOLOGY

GNSS-RTK correction station



**GNSS RTK
Base Station**
CST01 and RTCM

RECIEVER

CSR01

The unit provides the machine with correction position data, which enables the machine to determine its position with centimeter accuracy.

This accurate data is guaranteed by the correction data transmitter in the mowing area. GNSS-RTK correction station must be turned on and transmit correction data to the machine.

GNSS-RTK correction station



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Description

PROVIDES RTCM CORRECTION DATA FOR PRECISE NAVIGATION

POWERED BY INTERNAL ACCUMULATORS OR 12/24V

DUAL TRANSMISSION OF CORRECTION DATA – MOBILE OPERATOR AND UHF RADIO

DETECTION OF ATTACK, SHAKING, FALLING OF THE DEVICE

UNIQUE METHOD OF TARGETING OWN POSITION

Technical parameters

SIZE	20x20 cm, circle shape
CONTROLS	3x switch, ON/OFF, LTE_RTCM ON/OFF, UHF TX_ON/OFF
WEIGHT	2 kg
POWER SUPPLY	Li-Ion rechargeable accumulators, lifetime 48 hours
COVER	IP65, external use
WORKING TEMPERATURE	-30 to +65°C
UHF CORRECTION TRANSMITTER	UHF 430-470MHz, range up to 10km

Application possibilities

- Support precise navigation in very difficult conditions
- Autonomous vehicles

- Easy integration for customers solution
- UHF solution for places without mobile operators coverage