

# QUICK GUIDE START-UP



Edition: 4  
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## ExciControl TRC

Quick guide start-up  
Control unit: From 02.57 | Display: From 03.01.13

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Note that it is important to follow the order of settings in this guide.

This is a general description, more detailed information about the functions can be found in Manual ExciControl TRC.

## 1. Select mode 1

Mode/Change mode.

Make sure that mode 1 is selected. If not, change mode.

## 2. Calibrate joysticks

Menu/Calibration joystick.

Calibration must be performed on all analog (proportional) signals to the controller.

Setup is as follows: In unaffected position click on the **Neutral**. Thereafter, with the roller fully affected, you first click **Max in** and then in the opposite direction **Min in**. Confirm with **Save** or **Cancel** to return.

The calibrated value (upper left in display) should be after calibration:

At maximum stroke Min in -2000, Max in 2000 and the neutral value 0.

## 3. Speed flow valve

Start the machine and activate working rpm's.

General speed must be set to 100%, (Menu/Speed/General speed), otherwise the settings are blocked.

### 3.1. Min flow

Menu/Speed/Flow valve

Choose **Min flow**.

Activate the roller for the function rotor.

The rotor valve is now fully open and the flow valve the value for **Min flow**.

Adjust the value with **+/-** until the rotor starts rotating. Save with **Enter**.

### 3.2. Max flow rotor

Choose **Max flow rotor**.

Activate the roller for the function rotor.

The rotor valve is now fully open and the flow valve gives the value for **Max flow rotor**.

Adjust the value with **+/-** until the rotor rotates as fast as it should do at full stroke of the roller.

Save with **Enter**.

### 3.3. Max flow tilt

Choose **Max flow tilt**.

Activate the roller for the function tilt.

The tilt valve is now fully open and the flow valve gives the value for **Max flow tilt**.

Adjust the value with **+/-** until the tilt moves as fast as it should do at full stroke of the roller.

Save with **Enter**.

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### 3.4. Max flow extra 1

Choose **Max flow extra 1**.

Activate the roller for the function extra.

The extra valve is now fully open and the flow valve gives the value for **Max flow extra**.

Adjust the value with **+/-** until the extra moves as fast as it should do at full stroke of the roller.

Save with **Enter** and then **Back**.

## 4. Speed rotor

### 4.1. Min flow rotor

Menu/Speed/Rotor

Choose **Min left**.

Activate the roller for the function rotor left.

The control signal to the flow valve is now limited to a maximum of 20% of the maximum flow valve rotor value and the rotor valve gives the value for **Min flow rotor left**.

Adjust the value with **+/-** until the rotor moves as slow as it should do when roller is just activated.

Save with **Enter**.

Choose **Min right**.

Activate the roller for the function rotor left.

Adjust the same way as with Min left. Save with **Enter**.

Choose **Max left**.

Activate the roller for the function rotor left.

The control signal to the flow valve is now limited to a maximum of 20% of the maximum flow valve rotor value and the rotor valve gives the value for **Max flow rotor left**.

Adjust the value with **+/-** until the rotor rotates as fast as it should do at full stroke of the roller.

Save with **Enter**

Choose **Max right**.

Activate the roller for the function rotor right.

Adjust the same way as with Min left. Save with **Enter** and then **Back**.

## 5. Speed tilt

Menu/Speed/Tilt

Choose Tilt.

Settings are made the same way as with rotor.

Save with **Enter** and then **Back**.

## 6. Speed extra

Menu/Speed/Grading bucket-Extra

Choose Extra.

Settings are made the same way as with rotor and tilt, for the assigned extra functions.

Save with **Enter** and then **Back, Back, Operate**.

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## 7. Ramp

Menu/Ramp

The start and stop ramps are set to make the functions as smooth as desired.

Save with **Enter** and then **Back, Back, Operate**.

## 8. Assigning keys

Menu/Basic settings/Digital in left & right

Choose the key, assign function with **+/-**.

Save with **Enter** and then **Back, Back, Operate**.

## 9. Flow valve ON/OFF, (1,2,3)

Menu/Speed/Flow valve ON/OFF

If any keys are assigned to any of these functions the max speed is set here.

Save with **Enter** and then **Back, Back, Operate**.

## 10. Copy mode

Mode/Copy.

Choose Copy off active mode (number 1) to mode 2 with **+**.

Save with **Enter**.

Copy from mode 1 also to mode 3-4.

At last copy mode 1 to mode 5, (Digital out 8 must be activated).

## 11. Backup

Parameters/Backup parameters

Finally make a backup of the settings and save for future use.