

Grate motor

Mountage

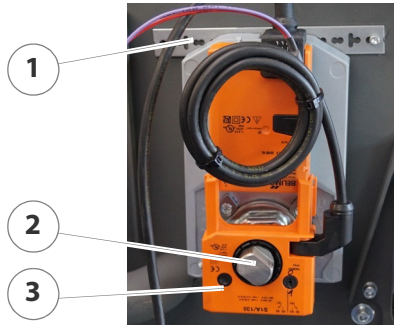


Figure 4/1 - Mounting the grate motor

1. Push the grate motor (3) onto the shaft (2).
2. Secure the grate motor (3) with the plate (1).

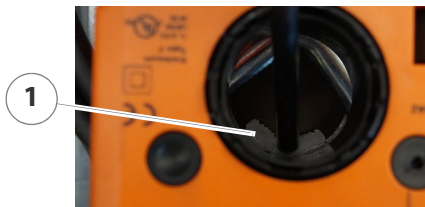


Figure 4/2 - Mounting the grate motor

3. If the grate motor does not fit on the shaft because it is too thick, first remove the inner part (1) with a hammer and punch.

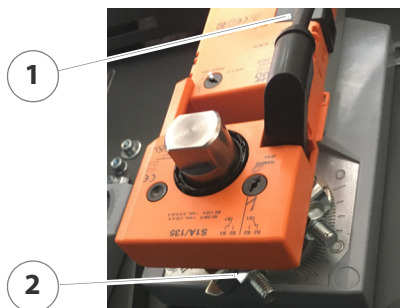


Figure 4/3 - Mounting the grate motor

4. Press the release button (1) and simultaneously turn the mounting bracket (2) until it stops. (Boiler with feeding system on the right side = right stop; boiler with feeding system on the left side = left stop).

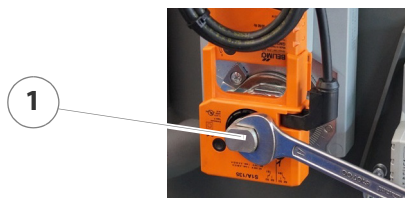
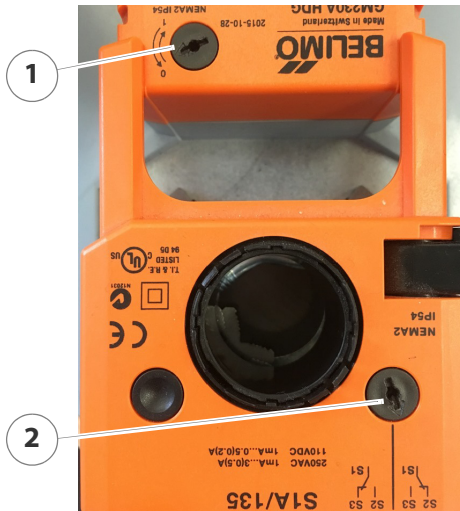


Figure 4/4 - Mounting the grate motor

5. Turn the shaft (1) with a 17 mm wrench or pipe wrench so that the tilting grate is horizontal.
6. In this position, fasten the mounting bracket to the shaft with the two nuts M8 (SW13).

Setting



- 1 Turning knob 1
- 2 Turning knob 2

1. Set the turning knob (1 + 2) according to the table to the corresponding boiler type or version.

Figure 4/5 - Setting the grate motor

	HDG Compact 25/35		HDG Compact 30/40/50/ 65/80/95		HDG Compact 49	
Feeding system*	left	right	left	right	left	right
Turning knob 1	Arrow to „1“	Arrow to „0“	Arrow to „0“	Arrow to „1“	Arrow to „1“	Arrow to „0“
Turning knob 2	Arrow to „1 o'clock“	Arrow to „5 o'clock“	Arrow to „5 o'clock“	Arrow to „1 o'clock“	Arrow to „1 o'clock“	Arrow to „5 o'clock“

Table 4/1 - Grate motor settings

*Position of the feeding system seen from boiler front side

Check / Manual operation

- 1. Start the tilting grate in the manual mode.
- ✓ The limit switch of the grate motor must change from 1 to 0 after approx. 20 s running time.

FEEDING SYSTEM RIGHT

- ✓ If the limit switch changes too early from 1 to 0 (indicated in the display - manual mode), turning knob 2 must be turned clockwise by one to two teeth (grid).
- ✓ If the limit switch changes too late from 1 to 0 (indicated in the display - manual mode), turning knob 2 must be turned counterclockwise by one to two teeth (grid).

FEEDING SYSTEM LEFT

- ✓ If the limit switch changes too early from 1 to 0 (indicated in the display - manual mode), turning knob 2 must be turned counterclockwise by one to two teeth (grid).
- ✓ If the limit switch changes too late from 1 to 0 (indicated in the display - manual mode), turning knob 2 must be turned clockwise by one to two teeth (grid).