
	<b>Service info</b>	Conversion kit	
	<b>Re:</b>	Powder dosing device	
	<b>Date</b>	November 26th, 2014	
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## Powder dosing device conversion kit

### 1 Introduction

These installation instructions put you in the position to retrofit the conversion kit safely as intended.

- > Please read these installation instructions carefully before installing the conversion kit.
- > Keep these installation instructions ready and available at all times.
- > Comply with all safety instructions in these installation instructions at all times.
- > Please also observe the original operating manual for the automatic feeder and the dosing device.


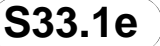

### 2 For your safety

#### 2.1 Target group

##### 2.1.1 Necessary qualifications of the service technician

Only trained service technicians are authorized to install and replace the conversion kit.


Service technicians are electricians with appropriate qualifications, i.e. they are able to assess the work assigned to them and detect potential risks on the basis of their technical training as well as their knowledge of the relevant standards. This also includes knowledge of relevant accident prevention


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regulations, generally accepted safety regulations, EC guidelines and country-specific standards and provisions.

## 2.2 Indication of hazards

Hazards are indicated by a key word and a corresponding symbol, depending on the severity and probability:

	<p><b>Danger!</b></p> <p>For an imminent danger, resulting in serious injuries or death.</p>
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	<p><b>Warning!</b></p> <p>For a potentially dangerous situation which may cause serious injuries or even death.</p>
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	<p><b>Caution!</b></p> <p>For a potentially dangerous situation which may cause minor injuries or material damage.</p>
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<p><b>Attention</b></p>	<p>For a potentially harmful situation in which the product or an item can become damaged within its environment.</p>
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<p><b>Note</b></p>	<p>For application notes and other useful information.</p>
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However, it is just as important to comply with any other notes and information which are not highlighted, so as to avoid failures which in turn may cause direct or indirect injuries or material damage.

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### 3 Installation

When installing the conversion kit, proceed as follows:

1. Switch off the automatic feeder and disconnect the mains plug.
2. Disconnect the device plug from the device socket and remove the dosing device.
3. Loosen the screws on the side of the dosing device (see figure).



4. Release the screws which secure the fly screen cover and the dosing star cover on the dosing device housing (see figure) and remove the covers with spray protection and ball.

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Conversion kit

**Re:**

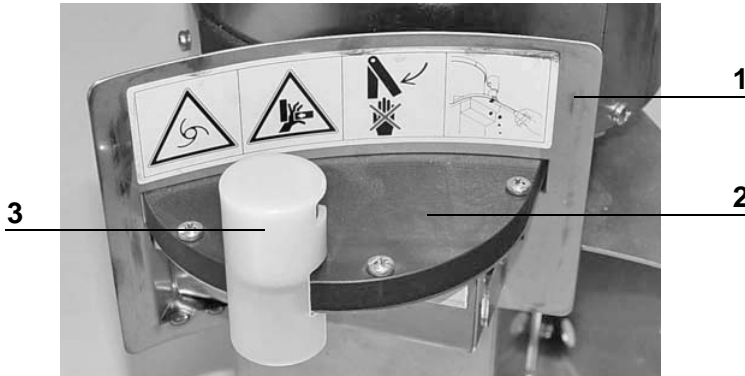
Powder dosing device

**Date**

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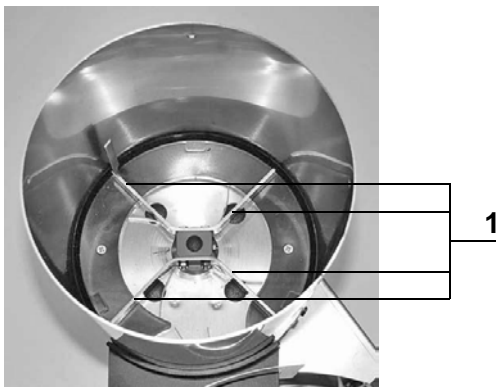
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1	Fly screen cover
2	Dosing star cover
3	Spray protection with ball

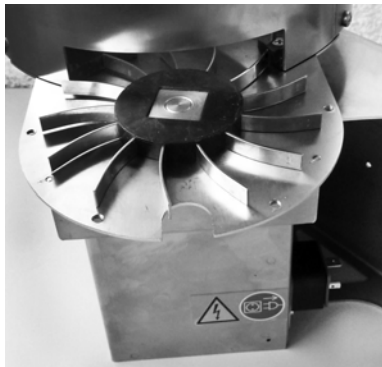
5. Put the agitator blade into position as shown in the figure.  
This makes it easier to remove the dosing star.



1	Agitator blade
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6. Remove the dosing star.

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7. Loosen the screw and the remove the fairing (see figure).

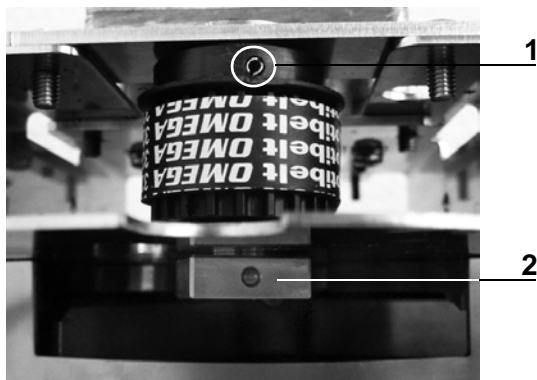


8. Remove the dosing device lid and turn it upside down so that it stands steady.



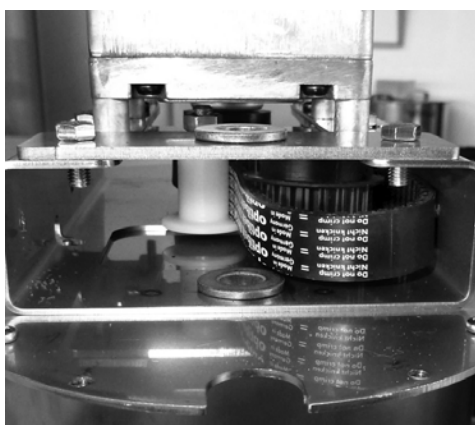
<b>FÖRSTER TECHNIK®</b> <b>S33.1e</b>	<b>Service info</b>	Conversion kit	
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9. Remove the parallel pin in the toothed belt wheel using a parallel punch (see figure).




1	Parallel pin
2	Drive shaft

10. Remove the drive shaft, also using a parallel punch (see figure, without drive shaft).



11. Reinstall the new drive shaft to the stop. Note the orientation of the through bore for the parallel pin and adjust as necessary.

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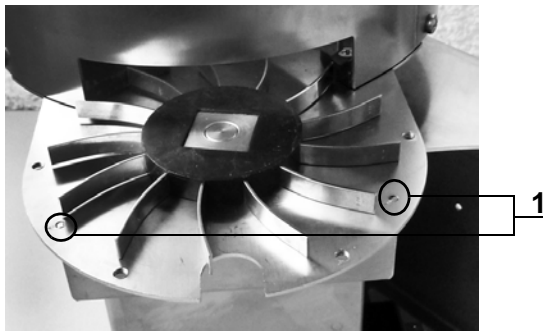
12. Install the parallel pin.

13. Refasten the fairing on the dosing device.

14. Replace the dosing star.

<b>Attention</b>	Ensure that the groove for the parallel pin is located on the underside of the dosing star.
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15. Where applicable, ensure that the replacement screws are flush with the surface (see figure).



1 Replacement screws
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16. Secure the dosing star cover, the fly screen cover, the spray protection with ball and the lateral screw.

17. Hang the dosing device back in and connect the device plug to the device socket.

18. Insert the mains plug, switch on the automatic feeder.

19. Finally, calibrate the powder dosing device.

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