

Mathias Bäuerle GmbH · Gewerbehallestr. 7-11 · D-78112 St.Georgen  
Tel: 07724 / 882-0 · Fax: 07724 / 882-111 · Serviceline: +49-7724 / 882-250  
E-Mail: center@mbfold.de



# Service Manual multimaster CAS 35

Date: 10/07/2002

## Contents

	Page
<b>1. Removal of Side Cover.....</b>	<b>5</b>
<b>2. Basic Setting of Fold Plates.....</b>	<b>7</b>
<b>3. Readjustment of Fold Plate Length .....</b>	<b>9</b>
<b>4. PIN-Code Functions .....</b>	<b>13</b>
Access to the Service Program .....	Page 13 / Item 1
Reset of Counters.....	Page 13 / Item 2
Re-Initializing .....	Page 13 / Item 3
Reset of Jobs .....	Page 13 / Item 4
Factory Default .....	Page 14 / Item 5
<b>5. Functions in Service Program .....</b>	<b>15</b>
Photo Detectors .....	Page 15 / Item 1
Motor Fold Unit .....	Page 15 / Item 2
Key Control.....	Page 15 / Item 3
Software .....	Page 16 / Item 4
Suction Drum .....	Page 16 / Item 5
Fold Plate 1 .....	Page 16 / Item 6
Fold Plate 2 .....	Page 16 / Item 7
Delivery .....	Page 17 / Item 8
Total-/Service Counter .....	Page 17 / Item 9
Potentiometer R45 *.....	Page 17 / Item 10
Continuous Run .....	Page 18 / Item 11
Setting T1_T2_150mm .....	Page 18 / Item 12
Select Deliverytable version .....	Page 18 / Item 13
<b>* for PBA-Machines only</b>	
<b>6. Basic Setting of Delivery .....</b>	<b>19</b>
6.2a Delivery – Version 1 up to Ser.-No. 0205 20022 .....	19
6.2b Delivery – Version 2 (50mm) from Ser.-No. 0205 20023 .....	19
<b>7. Replacement of Rollers.....</b>	<b>xx</b>
<b>8. Replacement of Control Board .....</b>	<b>21</b>
<b>9. Change of Software .....</b>	<b>23</b>
Software Versions.....	Page 23 / Item 9.1
Replacement of Software / Eprom .....	Page 24 / Item 9.3

<b>10. Basic Setting of Double Sheet Photo Detector * / Potentiometer R45 *</b>	<b>26</b>
<b>11. Cleaning / Replacing the Double Sheet Photo Detector *</b>	<b>27</b>
<b>12. Error Messages + Possible Causes</b>	<b>29</b>
<b>13. Test Points</b>	<b>33</b>
13.1 up to Ser.-No.: 0205 20022	33
13.2 from Ser.-No.: 0205 20023	35
<b>14. Fuses</b>	<b>37</b>
14.1 up to Ser.-No.: 0205 20022	37
14.2 from Ser.-No.: 0205 20023	38
<b>15. Schematics</b>	<b>39</b>
<b>15.1 up to Ser.-No.: 0205 20022</b>	
15.1.1 Wiring Diagram 1 230 VAC	Page 39
15.1.2 Wiring Diagram 2 230 VAC	Page 40
15.1.3 Wiring Diagram 1 120 VAC	Page 41
15.1.4 Wiring Diagram 2 120 VAC	Page 42
15.1.5 Component Placement Control Board	Page 43
<b>15.2 from Ser.-No.: 0205 20023</b>	
15.2.1 Wiring Diagram 1 230 VAC	Page 44
15.2.2 Wiring Diagram 2 230 VAC	Page 45
15.2.3 Wiring Diagram 1 120 VAC	Page 46
15.2.4 Wiring Diagram 2 120 VAC	Page 47
15.2.5 Component Placement Control Board	Page 48
<b>16. Speed Controller / Frequenz Inverter</b>	<b>49</b>
16.1 Terminal connection diagram	Page 50
16.2 Layout and wiring of main circuit terminals	Page 51
16.3 Description of I/O Terminal Specifications	Page 52
16.4 Errors (Alarms)	Page 54
16.5 Parameter List	Page 62
<b>17. Special Tools</b>	<b>73</b>
<i>18. Disassembly of Machine into Components</i>	<i>xx</i>

**\* for PBA-Machines only**

This is a “Table of Contents preview” for quality assurance

The full manual can be purchased from our store:

[https://the-checkout-tech.com/manuals/CAS/Multimaster 35 service manual.html](https://the-checkout-tech.com/manuals/CAS/Multimaster%2035%20service%20manual.html)

And our free Online Keysheet maker:

<https://the-checkout-tech.com/Cash-Register-Keysheet-Creator/>

[HTTPS://THE-CHECKOUT-TECH.COM](https://THE-CHECKOUT-TECH.COM)