



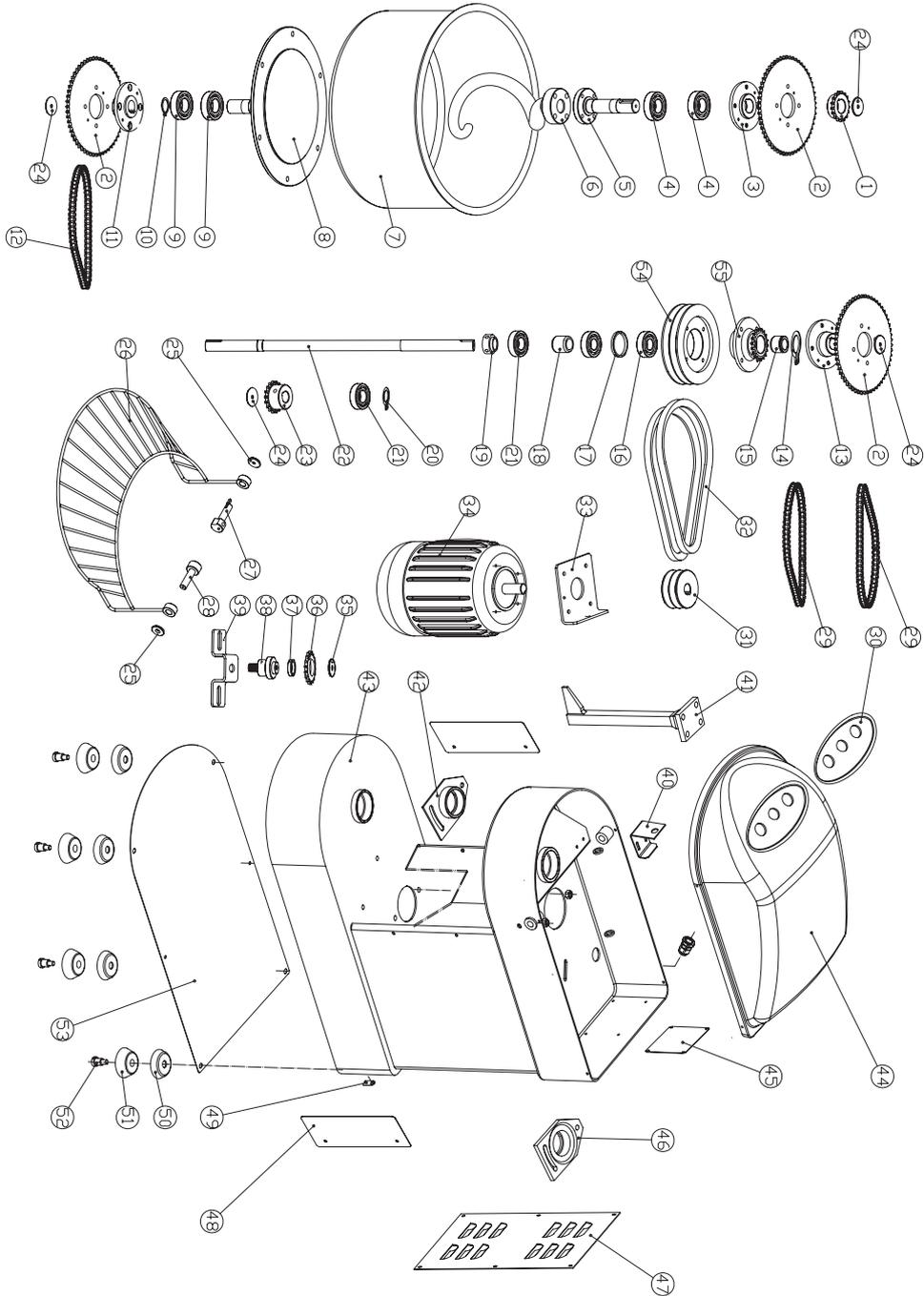
Spiral Dough Mixer

Instruction manual



**Model:
CP821**

SPARE PARTS LIST OF CP821



| NO. | Description | QTY. |
|-----|----------------------------------|------|
| 1. | Small chain wheel of main shaft | 1 |
| 2. | Big chain wheel | 3 |
| 3. | Spindle Sprocket Flange | 4 |
| 4. | Bearing 6205-Z | 2 |
| 5. | Main shaft | 1 |
| 6. | Hook | 1 |
| 7. | Bowl | 1 |
| 8. | Bowl shaft | 1 |
| 9. | Bearing 6205-Z | 2 |
| 10. | Shaft ring 25 | 1 |
| 11. | Flanges of bowl shaft | 1 |
| 12. | Chain 06B-1-92L | 1 |
| 13. | Flanges of drive shaft | 1 |
| 14. | Shaft ring 30 | 1 |
| 15. | Shaft Sleeve 2 | 1 |
| 16. | Bearing 6204-Z | 2 |
| 17. | Bearing Spacer | 1 |
| 18. | Shaft Sleeve 1 | 1 |
| 19. | Ring 20 | 1 |
| 20. | Shaft ring 20 | 1 |
| 21. | Bearing 1204-Z | 2 |
| 22. | Drive shaft | 1 |
| 23. | Small chain wheel of drive shaft | 1 |
| 24. | Clamp plate 34 | 1 |
| 25. | Cover of fixed shaft | 2 |
| 26. | Protect cover | 1 |
| 27. | Left fixed shaft | 1 |
| 28. | Right fixed shaft | 1 |

| NO. | Description | QTY. |
|-----|----------------------------------|------|
| 29. | Chain 06B-1-70L | 2 |
| 30. | Control panel | 1 |
| 31. | Motor belt wheel | 1 |
| 32. | Belt A630 | 2 |
| 33. | Motor seat | 1 |
| 34. | Motor | 1 |
| 35. | Plate | 1 |
| 36. | Chain wheel | 1 |
| 37. | Chain wheel lining ring | 1 |
| 38. | Chain wheel shaft | 1 |
| 39. | Frame | 1 |
| 40. | Switch setting board | 1 |
| 41. | Fixed block | 1 |
| 42. | Down bearing seat | 1 |
| 43. | Housing | 1 |
| 44. | Cover | 1 |
| 45. | Brand | 1 |
| 46. | Up bearing seat | 1 |
| 47. | Back cover | 1 |
| 48. | Lateral board | 2 |
| 49. | Grounding mark | 1 |
| 50. | Protect sets | 4 |
| 51. | Anchor rubber pad | 4 |
| 52. | Screw M8 | 4 |
| 53. | Bottom cover board | 1 |
| 54. | Small chain wheel of drive shaft | 1 |
| 55. | Drive pulley | 1 |

Safety Tips



THE MIXER IS A DANGEROUS APPLIANCE AND MUST ONLY BE USED BY TRAINED PERSONNEL IN ACCORDANCE WITH THESE INSTRUCTIONS.

- Position on a flat, stable surface.
- A service agent/qualified technician should carry out installation and any repairs if required. Do not remove any components on this product.
- Consult Local and National Standards to comply with the following:
 - Health and Safety at Work Legislation
 - BS EN Codes of Practice
 - Fire Precautions
 - IEE Wiring Regulations
 - Building Regulations
- Always stand **BEHIND** the safety guard when operating the appliance.
- **DO NOT** place hands near the rotating attachments when in use. This can result in severe injury.
- **DO NOT** remove food from the appliance until the mixing attachments have come to a complete stop.
- **DO NOT** immerse the appliance in water.
- **DO NOT** attempt to mix items that this machine is not designed for. This can damage the mixing attachments.
- **DO NOT** use with a damaged mixing attachment.
- **DO NOT** bypass the safety interlocks.
- Always switch off and disconnect the power supply to the appliance when not in use.
- **NEVER** leave the appliance unattended when in use.
- The appliance is heavy. Take care when moving.

- This appliance must only be used in accordance with these instructions and by persons competent to do so.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.
- Keep all packaging away from children. Dispose of the packaging in accordance to the regulations of local authorities.
- If the power cord is damaged, it must be replaced by an BUFFALO agent or a recommended qualified technician in order to avoid a hazard.
- Never use accessories which are not recommended by the manufacturer. They could pose a safety risk to the user and might damage the appliance. Only use original parts and accessories.
- DO NOT use jet/pressure washers to clean the appliance.
- Buffalo recommend that this appliance is PAT tested on an annual basis to ensure the product remains safe.

Introduction

This BUFFALO Spiral Dough Mixer is intended mainly to mix doughs. With the spiral hook and bowl, it is capable of versatile actions of pushing, pulling, kneading and pressing to make fast dough in hotels, restaurants and other catering units for making bread and cakes.

Please take a few moments to carefully read through this manual. Correct maintenance and operation of this machine will provide the best possible performance from your BUFFALO product.

Pack Contents

The following is included:

- BUFFALO Spiral Dough Mixer
- Instruction Manual

BUFFALO prides itself on quality and service, ensuring that at the time of packaging the contents are supplied fully functional and free of damage.

Should you find any damage as a result of transit, please contact your BUFFALO dealer immediately.

Installation

- Ensure the location of the spiral mixer is capable of supporting its weight.
- **WARNING: The mixer is very heavy, care must be taken when moving it.**
- If the appliance is intended to be positioned on a worktop, please ensure it is secured in position.

Operation

Mixing



WARNING: Always ensure the appliance is turned off before placing hands in the mixing bowl.

1. Lift the safety guard.
2. Fill the bowl.
3. Close the guard.



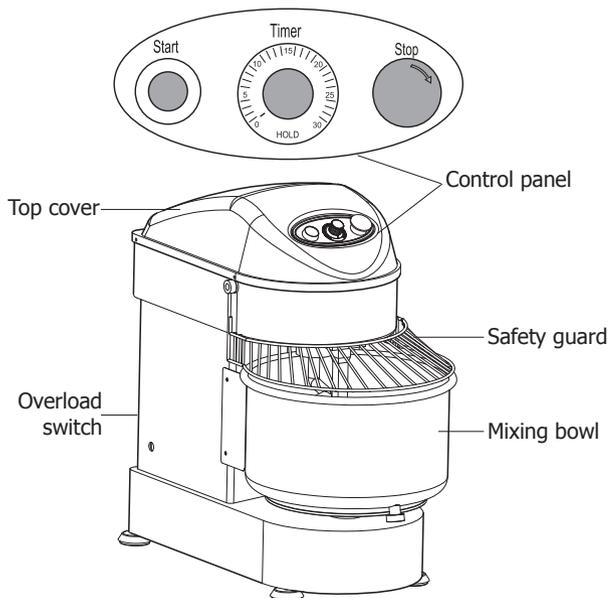
Note: Ensure the safety guard is fully closed or the mixer will not work.

4. Select the desired mixing time with the **Timer** knob.
5. Press the **Start** button to begin mixing.



If the appliance is straining to mix:

1. Turn the appliance Off by pressing down the **Stop** button;
2. Remove some of the contents from the bowl and close the guard;
3. Rotate the **Stop** button clockwise to release it;
4. Press the **Start** button to resume working.



Overload Switch

The Overload switch is situated at the back of the machine. If the appliance becomes too hot the Overload switch will stop the machine automatically. If this happens:

1. Turn Off the mixer.
2. Reduce the load in the mixing bowl.
3. Push the Overload switch back in to reset it.
4. Allow the appliance to cool for 30 minutes.



Note:

- **In the event of a power cut the Overload switch will cut in to prevent the appliance from restarting automatically when power is restored.**
- **Always disconnect the Mixer from the mains powers supply when not in use.**

Cleaning, Care & Maintenance

- Always turn off the mixer and disconnect from the power supply before cleaning.
- Use warm soapy water to clean the bowl and mixing attachments. Do not use abrasive cleaning chemicals as these can leave harmful residues.
- Clean the exterior of the appliance with a damp cloth.
- Dry all parts thoroughly after cleaning.
- Do not use jet/pressure washers to clean the appliance.
- Clean the appliance regularly.

Troubleshooting

If your BUFFALO appliance develops a fault, please check the following table before making a call to the Helpline or your BUFFALO dealer.

| Fault | Probable Cause | Solution |
|------------------------------|---|---|
| The appliance is not working | The unit is not switched on | Check the unit is plugged in correctly and switched on |
| | Plug and lead are damaged | Call BUFFALO agent or qualified Technician |
| | Fuse in the plug has blown | Replace the fuse |
| | Power supply | Check power supply |
| | Internal wiring fault | Call BUFFALO agent or qualified Technician |
| | The Stop button not released | Turn Stop button clockwise to release |
| | The overload switch has activated | See overload switch information in the Operation section of this manual |
| | Safety Guard not closed | Close Safety Guard fully |
| The appliance is overheating | The mixing bowl is overloaded | Turn off the appliance and empty some of the contents |
| | The appliance has been operating for too long | Turn off the appliance and allow to cool down for 30 minutes |
| The appliance is noisy | Poor lubrication | Call BUFFALO agent or qualified Technician |
| | Loose chain | Call BUFFALO agent or qualified Technician |
| Spiral hook hitting bowl | Hook or bowl deformation | Call BUFFALO agent or qualified Technician |

Technical Specifications

| Model | Voltage | Power | Current | Dimensions H x W x D mm | Rotating speed (RPM) | | Max flour for each kneading | Weight | Bowl Volume |
|--------------|---------------------|-------|---------|----------------------------|-------------------------|------|-----------------------------------|--------|----------------|
| | | | | | Bowl | Hook | | | |
| CP821 | 220-240V 50/60Hz | 1100W | 7.2A | 695 x 385 x 690 | 20 | 185 | ≤ 8kg | 78kg | 20L |

Electrical Wiring

This appliance is supplied with a 3 pin, moulded, BS1363 plug and lead, with a 13 amp fuse as standard.

The plug is to be connected to a suitable mains socket.

This appliance is wired as follows:

- Live wire (coloured brown) to terminal marked L
- Neutral wire (coloured blue) to terminal marked N
- Earth wire (coloured green/yellow) to terminal marked E

This appliance must be earthed.

If in doubt consult a qualified electrician.

Electrical isolation points must be kept clear of any obstructions. In the event of any emergency disconnection being required they must be readily accessible.

Compliance

The WEEE logo on this product or its documentation indicates that the product must not be disposed of as household waste. To help prevent possible harm to human health and/or the environment, the product must be disposed of in an approved and environmentally safe recycling process. For further information on how to dispose of this product correctly, contact the product supplier, or the local authority responsible for waste disposal in your area.



BUFFALO parts have undergone strict product testing in order to comply with regulatory standards and specifications set by international, independent, and federal authorities.

BUFFALO products have been approved to carry the following symbol:

All rights reserved. No part of these instructions may be produced or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without the prior written permission of BUFFALO.

Every effort is made to ensure all details are correct at the time of going to press, however, BUFFALO reserve the right to change specifications without notice.

DECLARATION OF CONFORMITY

• Conformiteitsverklaring • Déclaration de conformité • Konformitätserklärung • Dichiarazione di conformità •
• Declaración de conformidad • Declaração de conformidade

Equipment Type • Uitrustingstype • Type d'équipement •
Gerätetyp •
Tipo di apparecchiatura • Tipo de equipo • Tipo de equipamento

Model • Modèle • Modell • Modello • Modelo • Malli

Application of Council Directives(s)
Toepassing van Europese Richtlijn(en) • Application de la/des
directive(s) du Conseil • Anwendbare EU-Richtlinie(n) •
Applicazione delle Direttive • Aplicación de la(s) directiva(s) del
consejo • Aplicação de directiva(s) do Conselho

Producer Name • Naam fabrikant • Nom du producteur • Name
des Herstellers • Nome del produttore • Nombre del fabricante •
Nome do fabricante

Producer Address • Adres fabrikant • Adresse du producteur •
Anschrift des Herstellers • Indirizzo del produttore • Dirección
del fabricante • Endereço do fabricante

Spiral Mixer 20ltr

CP821

Machinery Directive (MD) 2006/42/EC
EN 60335-1:2012 +AC:2014 + A11:2014
EN 60335-2-64:2000 +A1:2002
EN 62233:2008 + AC:2008
EN 453:2000 +A1:2009
EN 1672-2:2005 +A1:2009
EN ISO 12100:2010

**Electro-Magnetic Compatibility (EMC) Directive
2014/30/EU**

EN 55014-1:2006 + A1:2009 + A2:2011
EN 55014-2:2015
EN 61000-3-2:2014
EN 61000-3-3:2013

Restricted substances in electrical products
EN 50581:2012

Buffalo

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I, the undersigned, hereby declare that the equipment specified above conforms to the above Directive(s) and Standard(s).

Ik, de ondergetekende, verklaar hierbij dat de hierboven gespecificeerde uitrusting goedgekeurd is volgens de bovenstaande Richtlijn(en) en Standaard(en).

Je soussigné, confirme la conformité de l'équipement cité dans la présente à la / aux Directive(s) et Norme(s) ci-dessus
Ich, der/die Unterzeichnende, erkläre hiermit, dass das oben angegebene Gerät der/den oben angeführten Richtlinie(n) und Norm(en) entspricht.

Il sottoscritto dichiara che l'apparecchiatura di sopra specificata è conforme alle Direttive e agli Standard sopra riportati.

El abajo firmante declara por la presente que el equipo arriba especificado está en conformidad con la(s) directiva(s) y estándar(es) arriba mencionadas.

Eu, o abaixo-assinado, declaro que o equipamento anteriormente especificado está em conformidade com a(s) anterior(es) Directiva(s) e Norma(s)

Date • Data • Datum • Datum • Data • Fecha • Data

Signature • Handtekening • Signature • Unterschrift
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Full Name • Volledige naam • Nom et prénom • Vollständiger Name •
Nome completo • Nombre completo • Nome por extenso

Position • Functie • Fonction • Position • Qualifica • Posición • Função

17th October 2017



Ashley Hooper

Technical & Quality Manager



<http://www.buffalo-appliances.com/> 

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