

User's Manual

Clothes Folding & Packing Machine

Model: FPS-1



Content

● Preface.....	3
● Caution about safety in use	4
● Installation	6
● Button instruction	7

● Preface

Thank you for choosing a FPS-1 series clothes folding and packing machine. The FPS-1 adopt platen-folding mode to realize the whole folding process automatically and with high quality. Spray paint parts make its appearance generous, neat and durable. It features compact body and low power consumption , which can adapt to various environments.

It is suitable for the folding and packaging process of large quantity knitting, T-shirt, polo shirt, thermal underwear, thin coat, etc. It realizes folding automatically and packing manually. Adjustable width design to fold different size clothes at high speed. Highly automatic design make it's easy to operate; there's no professional technical requirements for the operator. Imported electrical parts which ensure trouble - free operation and ease of maintenance. Environment protection material and the smooth material which avoid the damage of clothes. Adopt button to adjust parameters and modes. Machine production capacity is about 300-500pcs per hour. It's easy to realize 24-hour non-stop work.

Notes on this Manual :

- (1) No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, without the prior written permission.
- (2) The product specifications and other information in this manual are subject to change without notice.
- (3) While every effort has been made to provide complete and accurate information,

please contact your sales representative or nearest vendor if you find any unclear or erroneous information or wish to make other comments or suggestions.

● Caution about safety in use

Attention: 

Please read the warning carefully and run the machine safely.

1. Don't stand nearby when the machine is hoisted to avoid injury or damage.
2. Circuit wiring must be performed by a professional.
3. Don't use the machine in a potential explosion environment.
4. Make sure that the power supply of machine is properly grounded to avoid electric shock and fire.
5. Choose a convenient place for machine's operation, loading and unloading. The space between machine and surroundings should not be less than 80 cm for maintenance and repair.
6. Install the machine in a flat ground; use rubber pad under the base if there is a source of vibration to prevent the impact on the work of the machine.
7. Calibration level is required during the installation.
8. Wiring should be performed after installation and adjustment of the machine.
9. Check the voltage , current, and frequency applied to both ends before using the machine, otherwise it may cause a fire , shock or damage of machine.
10. Use special tools for installation and wiring.

11. Connect the air pipe according to requirements.
12. Stop running machine once there's any abnormal situation(smoke, burning smell, strange noise), otherwise it may cause a fire or shock. Disconnect power immediately and resolve the problem.
13. The machine must be operated by trained operators.
14. Lock the control cabinet door before turning on the power switch. Keep it shut during the working process.
15. Do not use wet hands to operate various electrical switches, buttons, touch screen to avoid to be shocked. Handling faults or cleaning equipment must be power off!
16. Live maintenance must be done by professionals!
17. Operator should pay attention to the running of machine. Don't leave without permission.
18. Press emergency stop button and turn off the power if there's any emergency happens.
19. No violence handling when checking the failure to avoid the damage of machine.
20. Check and fasten the screw of each terminal regularly.
21. Check the mechanical parts , lubrication parts and quick-wear part regularly.
22. Don't modify any key parts of the machine to avoid accident and potential dangerous.

● Installation

Machine specification

Oversize : 1200MMX1060MMX800MM (L*W*H)

Working space: 2000MMX1600MMX1500MM

Power supply: 150W, 110-240V, 50/60HZ (provide grounded AC)

Air supply: 0.6MPA (main air inlet)

Requirement of installation

Provide not less than 200W 220V (50/60HZ) grounded AC Power supply

Provide not less than 500W air pump, not less than 0.3M³ air tank, not less than 0.6MPA air inlet and PU flexible air pipe (diameter10MM).

Environment: Run it on a flat ground at normal temperature and pressure. Don' t use it in bad condition to avoid machine damage and reduction in service life.

Transport of machine

Provide forklift (at least 1 ton load) to carry the machine.The Min. height of forklift arm should be within10cm, the length should not less than100cm.

Carry near the position of electric cabinet when lift main down box to avoid unbalance of machine.

Gently lift the machine to avoid the damage of precision parts such as weighing sensor.

Casters under the machine enable operator to push it.

Detachable structure enable it enter the standard cargo elevator.

● Button instruction

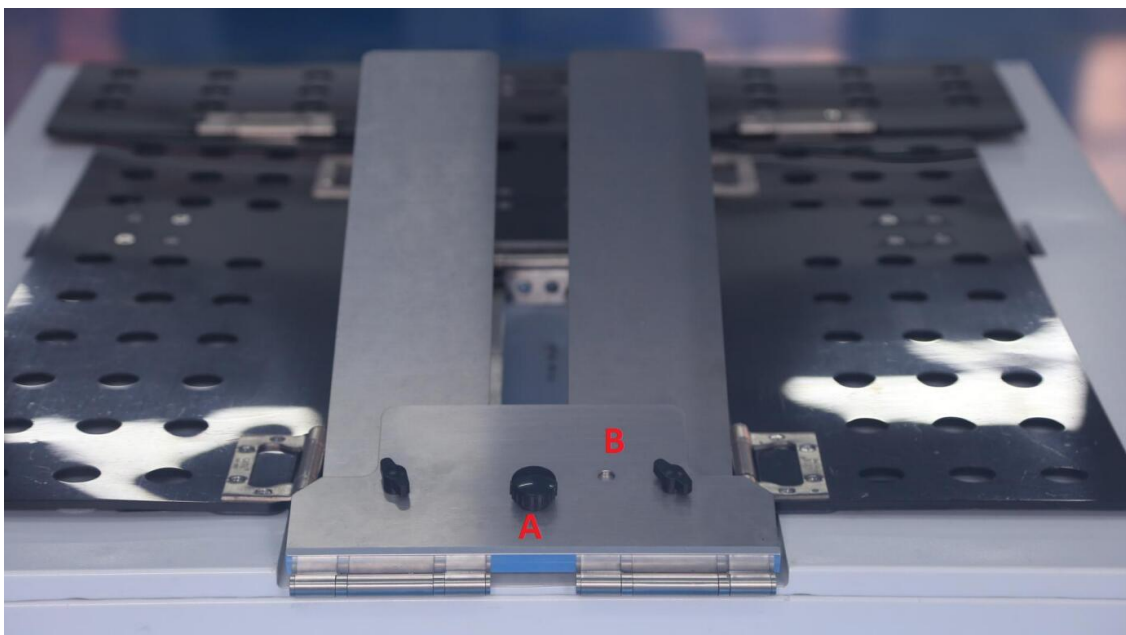


1. **Emergency stop button:** Press it if there's any emergency happens.
2. **Counter:** Count the quantity of clothes packed automatically. Click "Recount" to start a new turn of counting.
3. **Drawer up:** Press it, the drawer will be raised up to the top position.
4. **Drawer down:** Press it, the drawer will be lower down.
5. **Power:** Turn it on in right direction.

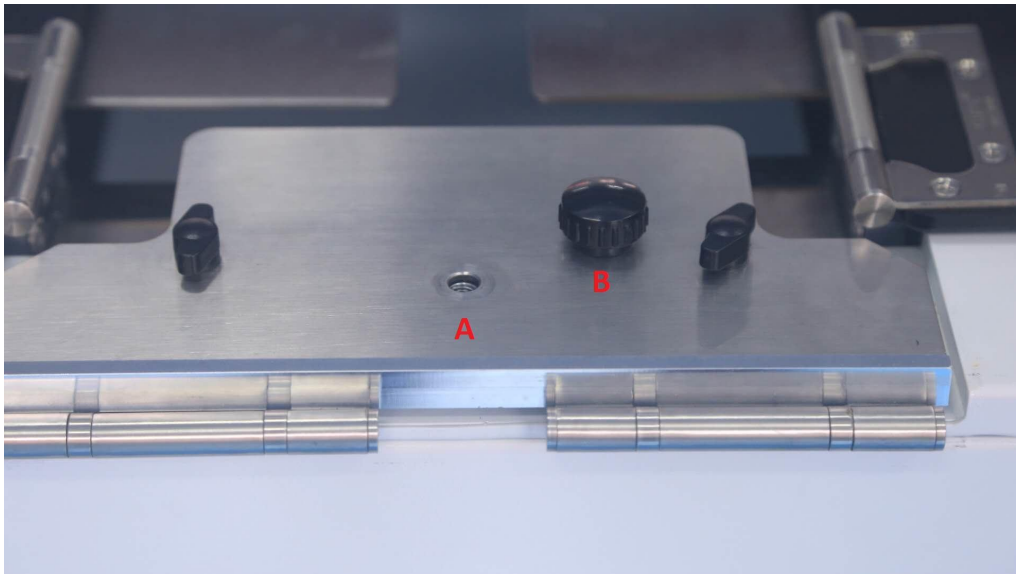
6. **Pressure regulating valve:** Adjust the inlet air pressure(initial value 0.5MPa)
7. **Start:** Press it to complete a folding action.
8. **Pack/Stack switch:** Switch it to choose “pack with bag mode” or “stack without bag mode” .
9. **Big/small clothes switch:** Switch it to choose folding big-size clothes or small-size clothes.
10. **Long-sleeve/short-sleeves witch:** Switch it to choose folding long or short sleeve shirt.
11. **Buzzer**

Notice:

1. When choose “Pack mode” , please put the screw in A position to hold two folding arms in 45° as following photo.



2. When choose " Stack mode" , please put the screw in B position to hold the clothes platen in horizontal position as following photo.



3. Please rotate the handle to adjust the folding width.

