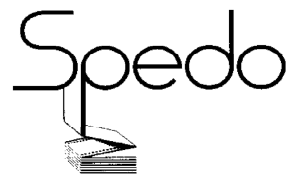


Spedo 972 Web Control Unit

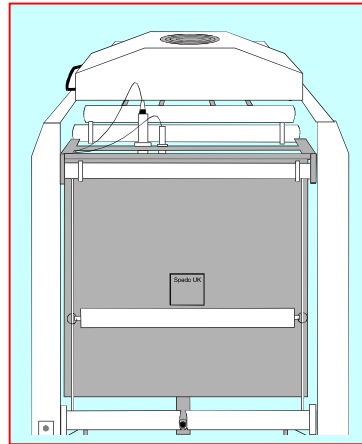
INSTRUCTION MANUAL

Issue 5

Part Number SP004 787



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Unpack the equipment and examine it thoroughly to ascertain whether any damage has occurred in transit. Report immediately any such damage to the agent or manufacturer. Retain the packing should further transportation be necessary.

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Spedo 972 Web Control Unit

Safety Measures

This instruction manual contains certain WARNING and CAUTION notices which must be followed by the user to ensure safe operation and to retain the equipment in a SAFE condition.

All users of the equipment described in this manual MUST have received adequate training in its use and application in order to ensure SAFE AND PROPER USE.

Any adjustment, maintenance or repair of the opened apparatus under voltage shall be carried out only by a skilled person who is AWARE OF THE HAZARD INVOLVED.

Spedo 972 WEB CONTROL UNIT

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INSTALLATION & OPERATION

SECTION 1

INTRODUCTION

- The installation procedures given in this section should only be carried out by a competent trained service technician.
- Once the web control unit has been declared ready to operate, the operating personnel should be made familiar with its safe operation.

UNPACK

- Unpack the equipment and examine it thoroughly to ascertain whether any damage has occurred in transit.
- Report immediately any such damage to the agent or manufacturer. Retain the packing should further transportation be necessary.

ACCESSORIES

- The following items are supplied as standard:
 - Mains Cable to forms cutter.
 - Loop Control Cable to forms cutter.
 - Interface Cable to Printer .
 - Instruction Manual

SITING CONSIDERATIONS

- The distance from the web control unit to the printer can be up to 2 metres maximum.
- Consideration must also be given to the layout and positioning of work tables and cupboards surrounding working area, at the same time leaving enough space around the system for the operator to have access to all operational requirements.
- All units in the system should be set square in relation to each other.
- Refer to the relevant instruction manual of any other unit in the system, before making up the combined system.

INSTALLATION

Connecting the Mains (Power) Cable

- Insert the mains (power) cable plug into the mains input socket located on the rear panel (below the emergency stop button) and then the other end into the forms cutter power output socket.
- If an alternative plug is required for the forms cutter, remove the plug from the cable and re-connect it to a suitable plug. The colour codes are as follows:
 - L (live) = BROWN wire
 - N (neutral) = BLUE wire
 - E (earth / ground) = GREEN/YELLOW wire.

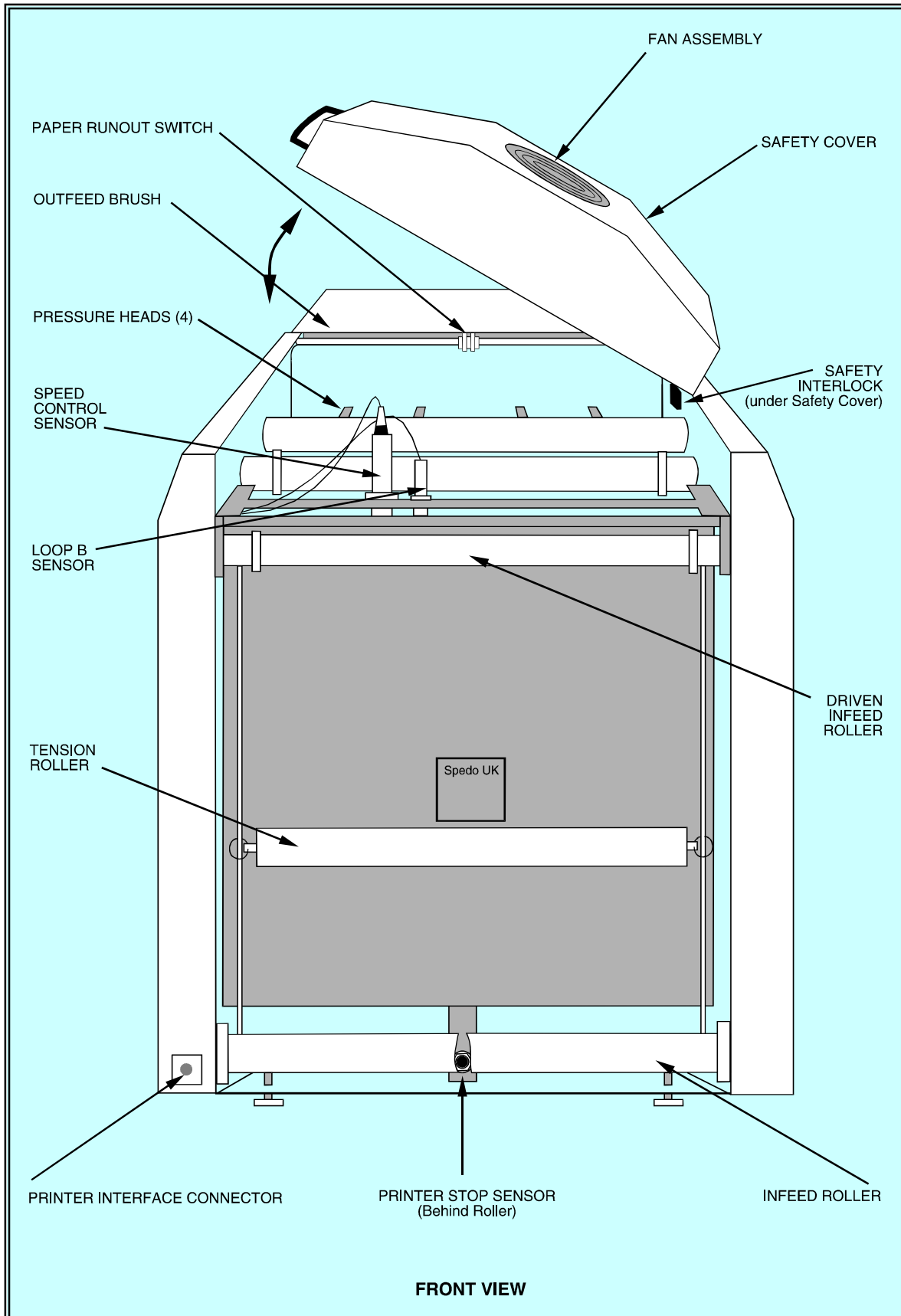


Fig 1.1 Identification of Operational Assemblies

Installation Check

- **WARNING:** Never operate the unit when wearing items of loose clothing or loose decorative jewellery, as they could become entrapped in the machinery and cause injury.
- Switch ON the web control unit. Check that the MAINS ON:OFF indicator illuminates.
- Press and release the JOG button several times and check that on each press the drive roller runs.
- Press the RUN button. Check that it illuminates and locks. Check that the drive roller runs.
- Check manually by covering each loop sensor with paper that it is detecting the presence of its loop.
- With the unit running, hit the emergency STOP button and check that the unit stops. Twist the button to release it.
- On web control unit 972, connect the (captive) printer interface cable to the printer and the loop control cable to the forms cutter. Manually check that the lower infeed sensor switches off the printer.
- Operate the system and check that it functions satisfactorily. Before handing over, ensure that the operating personnel are familiar with all operating procedures and are aware of any safety hazards involved.

OPERATING PROCEDURES

Summary of Controls

- Fig 1.2 describes the functions of the operating controls.

Switch On

- Depress the MAINS ON:OFF switch and check that it illuminates.

Load Paper

- Load the paper web through the complete system, ensuring the paper is looped and held under tension on the 972 where necessary, as shown in Fig 1.3.
- The route the paper takes through the 972 and the functions of the sensors are described on Fig 1.3.

Emergency Stop

- Before attempting to start the system, ensure that you are familiar with the location of the red emergency STOP button.
- At any time, hit this button to stop the entire system immediately. Before attempting to start again, twist the STOP button to release it.
- Safety Cover: If the safety cover is opened during a run, the fan and tension motors stop and both the START:STOP and JOG buttons flash. If the safety cover is closed again, the system automatically resumes operation.

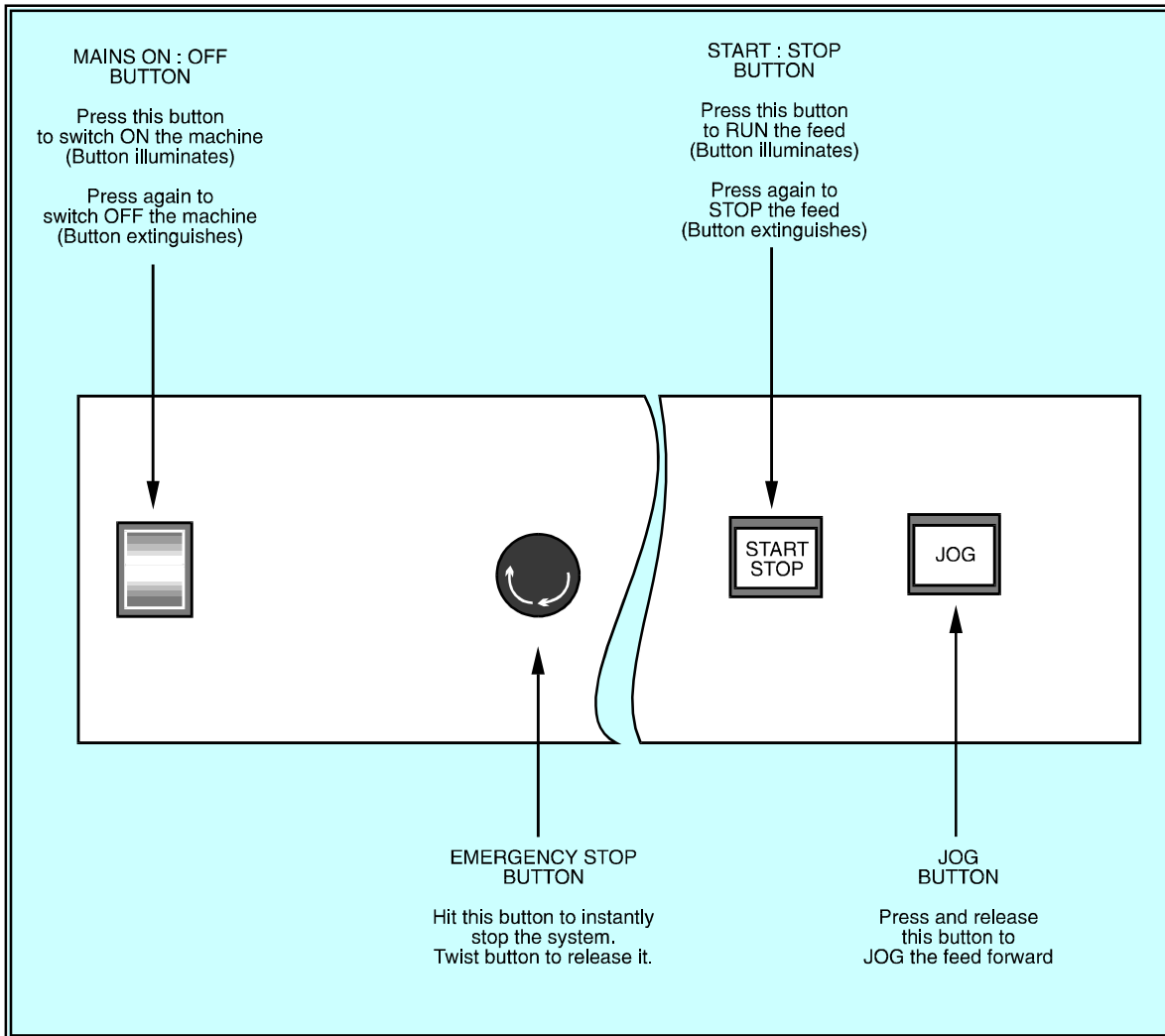


Fig 1.2 Summary of Controls

Run the System

- Press the START:STOP button. This starts the complete system.
- When a batch has completed, the system automatically stops. This is referred as the Sleep Mode (see below).
- To stop the system normally, press the START:STOP button again.

Sleep Mode

- During Sleep Mode, the fan and tension motors stop.
- To start the system again, hold down the START:STOP button for approximately 2 seconds.

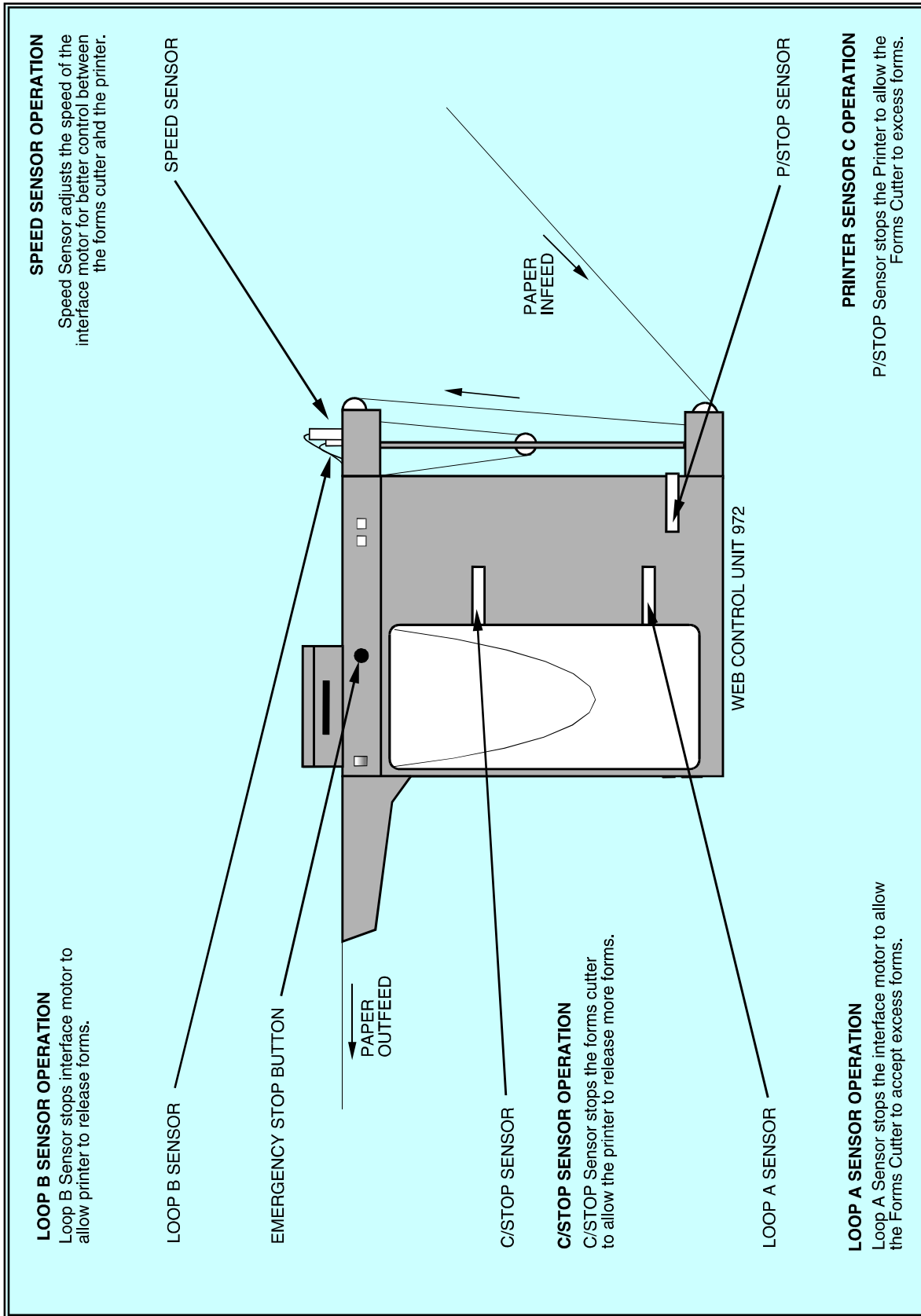


Fig 1.3 Paper Path & Functions of Sensors