



ABBERFIELD

INDUSTRIES

PTY LTD ABN 61 000 112 569

PD35

series

**PACKET
DISPENSERS**

TECHNICAL & SERVICE DETAILS

ABBERFIELD INDUSTRIES PTY LTD

32 Cross Street, Brookvale, Sydney, NSW 2100 Australia

Tel: (02) 9939 2844 Fax: (02) 9938 3462

International Tel: +61-2 9939 2844 Fax: +61-2 9938 3462

Email: contact@abberfield.com.au

Internet: www.abberfield.com.au

INSTALLATION / OPERATION / SERVICE / INSTRUCTIONS

The PD35 is a coin or token operated packet dispenser. This mechanism can be supplied as a separate item to vending machine manufacturers or it can be fitted to cabinets produced by Abberfield Technology.

The PD 35 mechanism can be made for different coin denominations and can be adjusted to operate on one, two, three or even four coins (dependant on coin size).

It is possible to connect two mechanisms together to provide multi-denominational use i.e. a \$5 vend can be obtained from two \$2 coins and one \$1 coin.

DISPENSER MECHANISM & CABINET MODEL NUMBERS

- PD35 FC1 (Single column packet dispenser)
- PD35 FC1L (Single column large packet dispenser)
- PD35 FC2 (Double column packet dispenser)
- PD35 FC2L (Double column large packet dispenser)

KEYS: Two different key numbers will have been used for security reasons. The back plate engaging the cover may be tight and require the assistance of a screwdriver etc to hold the back plate whilst opening the cover. This firm fit is desirable to minimise "rattle" of the cover when finally installed.

Abberfield Technology do not record the key numbers on the equipment that they produce. Spare keys can only be obtained if the key number marked on the key is quoted.

INSTALLATION

Mount securely. The recommended fasteners are 25mm diameter loxin, using a 6mm diameter bolt and a large diameter thick washer.

PROCEDURE

Unlock the cover by rotating the keys anti-clockwise.

Using long nose pliers or equivalent, lift the bottom hinge pin vertically to disengage. Pull the bottom edge of the back plate down, withdrawing the top hinge pin.

This allows the back plate to be used as a drilling template. Then mount the back plate to the wall, without first assembling the entire cabinet.

Reverse the procedure to fit the cabinet to the mounted back plate.



PD35FC1L

SIZE

750mm H x 320mm W x 230mm D

ADJUSTMENTS



PACKET CHUTE

Different packet sizes can be accepted by fitting different chutes and if necessary adjusting the mechanism.

Replacement of the chutes is by removing the mounting nuts and lifting the chute sideways.

REMOVAL OF DISPENSE MECHANISM

1. Remove the knob to the front of the machine by loosening the screw from under the knob.
2. Remove the nut positioned on the side, at the rear of the mechanism.
3. Pull the rear of the mechanism sideways, off of the mounting screw.
4. Pull the mechanism back to remove.

DISPENSER ADJUSTMENTS

TRAVEL ADJUSTMENT

The mechanism includes an adjustable arm travel.

To adjust first remove the mechanism.

In the underneath edge of the fixed part of the mechanism there is provision for one or more M3 screws. If needed a screw can be inserted to limit the length of travel of the slide plate.

If the arm is allowed to over travel the packet actuating arm will come forward of the packets and will jamb on its return travel. The correct travel is when the dispense arm pushes the packet off of the platform but when it is still under the stack of packets.

ACTUATOR

The present design has a packet actuating arm welded in position. Later versions will have the arm replaceable so that one of the correct length for the packet can be fitted. If the arm needs to be shortened (for narrower packets) it can be cut to length.

PACKET RETAINING ARM

In front of the packet dispense arm is another arm welded in place. This retains the packet to prevent accidental or vandal manipulated vending. Later versions will have this arm as a replaceable arm, so that it can be repositioned to suit different packages.

VEND PRICE ADJUSTMENT

Current production is fixed for a coin denomination of either \$1-00 or \$2-00. The vend price can be set for 1, 2, 3 or 4 coins. At present this is a factory setting but later versions will allow this to be field adjustment.

MULTI-DENOMINATIONAL OPERATION

Standard machines are single denomination operation (\$1-00 or \$2-00). At time of manufacture a second coin entry on the cabinet face can be added and a second coin mechanism could be added. The dispense slides could then be linked so that a vend will not occur unless the correct number of **each** coin has first been inserted.

In later production the second coin entry may be provided and conversion from single to dual denomination operation will be possible as a field operation.

SERVICE

Simple operation reduces the need for maintenance which should be limited to infrequent application of grease to the lower slide guide rail.

The dispense arm should be a loose fit through the front panel. If it has been vandalised and bent it may scrape on the front panel. The tension of the return spring should overcome this obstruction but a little grease on the shaft will help.

Accumulated dust and dirt can be removed from the mechanism by washing with warm soapy water. The mechanism should first be removed from the cabinet.

OTHER ABBERFIELD

PRODUCTS

ticketing equipment



pay station equipment



change giving equipment



stamp vending equipment



phone card dispensing



coin operated time switches



stand pipe control



coin photocopy control



coin shower control



coin boomgate control



coin validators



coin operated power switches



coin barbecue control

