

CT1 Collating Table

Overview



PLASTECH

CONTROL SYSTEMS

Quality by Design

Plastech Control Systems Ltd proprietary rights are included in the information Included / disclosed herein. Recipient by accepting this document agrees that neither this document nor the information disclosed herein, nor any part thereof shall be reproduced or transferred to other documents or used or disclosed to any others for manufacturing, research and design or any other purpose except as specifically authorized in writing by Plastech Control Systems Ltd.

Unpublished - All rights reserved under copyright law.

Plastech Control Systems Inc.

8689 North Port Washington Road
Milwaukee, Wisconsin, 53217-2209
Tel: 414-365-2985
Fax: 414-365-2998

Email sales@plastech-controls.com

Web <http://www.plastech-controls.com>

Plastech Control Systems Ltd.

17c West Side Industrial Estate, Jackson St,
St Helens, Merseyside, WA9 3AT, UK.
Tel: +44(0) 1744 734 123
Fax: +44(0) 744 734 340

Email sales@plastech-controls.com

Web <http://www.plastech-controls.com>

1. Collating Table Features

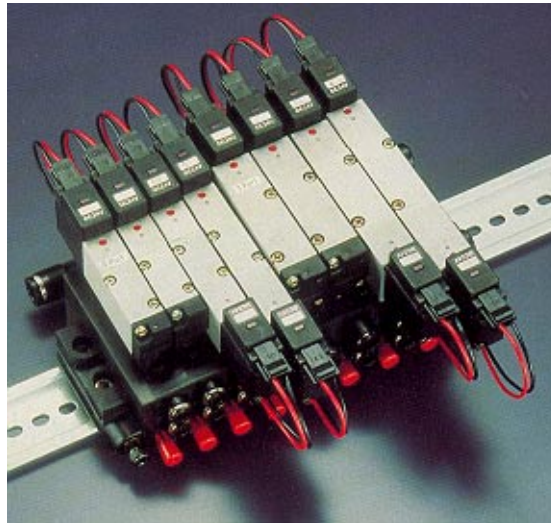
The CT1 series of Collating Tables have many advanced features:



1.1. *Microprocessor control system*

- **Reliable** - Hardened against very high levels of mains spikes and static discharges.
- **Flexible** - can quickly be re-programmed for special needs.
- **Future-proof** - Large number of spare inputs and outputs to allow future expansion provided at no extra cost.
- **Easy to Set** - Two line alpha-numeric display allows quick, accurate setting and display of test parameters.
- **Easy to Fault Find** - Diagnostics are provided from the front panel, allowing engineers to quickly verify every part of the system.
- **International** - Since all information is presented on the front panel display, it is easy to change the program to use another language (where the system is to be used in a non - English speaking country).

1.2. Modular pneumatic system



Allows quick customisation for special needs.

Allows easy expansion of system to include extra facilities even after installation.

1.3. Cost Effective

The circuit cards have been designed and programmed specifically for this application. Great care has been taken to ensure that the system is easily re-programmable, expandable and reliable. This means that the performance and cost limitations of using a bought-in Programmable Logic Controller are avoided.

1.4. Options

The design is highly flexible with respect to software, electronics, pneumatics and mechanics. This allows a wide range of options to be added at any time, even after installation.

1.4.1. Stagger Packing

Allows round bottles to be packed in the highest possible density.

1.4.2. Single Point Height Adjustment

Allows the machine working height to be easily adjusted from a single central point. The four adjustable supports are mechanically driven from the adjustment point, resulting in an extremely stable and solid machine.

1.4.3. Retractable Wheel Base

The wheels are mounted on a base unit which is retracted when the machine is in position, dropping the machine onto fixed position feet. This allows extremely stable operation while at the same time allowing the machine to be easily wheeled about when needed

1.4.4. Leak Detection

A leak detection system can be integrated into the collating table.

2. Specification

Electrical Power Supply	110/120 or 220/240 VAC single phase
Electrical Power consumption	300 VA maximum
Air Supply	4-10 bar
Air Consumption	1 litre / minute typical

