**DESCRIPTION**

The GOTT-ASRS-01 is a complete training system, introducing the student to the operation, programming and trouble shooting of modern industrial Auto Storage and Retrieval System. A complete curriculum is provided incorporating many learning activities related to the basic sequence, ladder logic programming, and trouble shooting. The different processes reflects the realistic industrial applications.

A pre-loaded program is provided, making it possible to operate the whole system without any initial programming to be written. This makes it easier for the user to get accustomed with the ASRS process and understand how the individual parts operate and combines as a system.

The engraved front panel with the block diagram presented on the surface and the light indicators makes it easier to observe the activated sensors in the system. Switches installed on the front panel makes it possible to manually move the pneumatic cylinders and motors available in the system.

This product, together with its associated student manual & programming manual, creates a complete introductory course in PLCs, for industrial training applications as well as in educational learning.

**FEATURES**

- Auto storage system trainer is useful equipment to study Input/Output of PLC
- This trainer helps users to understand digital input and output for delivery of goods from a warehouse and storage in warehouse and warehouse system. Users can study to make programs and equipment’s operation.
- Equipped with indication lights to display sensors
- Operation which is for delivery of goods from a warehouse and storage in warehouse is operated by a 3 axis gripper. Induction motors and air cylinders are used for the driving force.
- A part of electric power is opened, therefore, it is useful to study the mechanical structure.
- If air is supplied to the trainer, experiment is possible because air is required in a trainer.
- This trainer has a software, therefore, simulation is possible for experiment.

**PRODUCT MODULES**

<table>
<thead>
<tr>
<th>CONVEYOR</th>
<th>CODE 472-001</th>
<th>LOADING DEVICE</th>
<th>CODE 472-002</th>
<th>PALLET CATRIDGE</th>
<th>CODE 472-003</th>
<th>X-AXIS TRANSFER DEVICES</th>
<th>CODE 472-004</th>
</tr>
</thead>
</table>
| Structure : Chain & sprocket type Motor 1 : 1 Phase 220V 50Hz, 6W 1250rpm(30:1 reduction)  
Motor 2 : DC 24V, 1.5 W 5000rpm(80:1 reduction)  
Motor : DC 24V, 1.5W  
Sensor : Photo micro  
Micro Switch |               |
|                     |              |               |              |                 |              |                        |              |
| Y-AXIS TRANSFER DEVICES | CODE 472-005 | STORAGEN HOUSE | CODE 472-006 | DELIVERY OF MODEL PRODUCT DEVICE | CODE 472-007 | AIR UNIT | CODE 472-008 |
AUTO STORAGE AND RETRIEVAL SYSTEM
Model Number : GOTT-ASRS-01

SOLENOID VALVE | CODE 472-009
---|---
Input Power : DC 24V, 1.7W
Input Pressure: 0.15~0.17Mpa
Type : 5 port 2 way
5 line manifold (attached silencer)

CONTROL BOX | CODE 472-010
Style : Casing powder sprayed with heat treat
Engrave panel with presented block diagram and circuit

MODEL PRODUCT | CODE 472-011
Quantity : 21 units
Material : Aluminium

SAFETY CONNECTING LEAD | CODE 237-001
4mm connecting leads

EXPERIMENT TOPICS :
• Introduction to Motion Control
• Connecting trainer for Operation
• Interface control by manual switches
• Interface control with PC
• Configuration of parameter setting

• Speed and Position control
• Motion command control
• Programming sequence and step
• Integration of machines
• Encoder pulse and direction

Manuals :
(1) All manuals are written in English
(2) Model Answer
(3) Teaching Manuals

General Terms :
(1) Accessories will be provided where applicable
(2) Manuals & Training will be provided where applicable
(3) Designs & Specifications are subject to change without notice
(4) We reserve the right discontinue the manufacturing of any product

Warranty:
2 Years

ORDERING INFORMATION :
<table>
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<tr>
<th>ITEM</th>
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<td>472-000</td>
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</tbody>
</table>

* Proposed design only, subject to changes without any notice.