

AUTO STORAGE AND RETRIEVAL SYSTEM

Model Number : GOTT-ASRS-01



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

CONVEYOR	CODE 472-001	LOADING DEVICE	CODE 472-002	PALLET CATRIDGE	CODE 472-003	X-AXIS TRANSFER DEVICES	CODE 472-004
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) Sensor : Proximity		Structure : Adsorption and rotate a 180-degree type Cylinder : Pneumatic, Double acting Vacuum Generator : Suction Cup Sensor : Proximity		Structure : Tower type, square shape Cylinder : Pneumatic, Double acting Sensor : Optic Fiber Sensor		Structure : Rack & Spur gear, Linear Block and DC Geared motor. Motor : DC 24V, 1.5W Sensor : Photo micro Micro Switch	
							
Y-AXIS TRANSFER DEVICES	CODE 472-005	STORAGE HOUSE	CODE 472-006	DELIVERY OF MODEL PRODUCT DEVICE	CODE 472-007	AIR UNIT	CODE 472-008
Structure : Ball screw, LM-Guide Motor : Stepper motor Cylinder : Double acting Sensor : Photo micro, micro Switch		Structure : Steel plate and round type steel stick assemble Style : Shelf and tower type Quantity of storage house : 20		Structure : Aluminum plate processing assemble Cylinder : Double Acting Sensor : Fiber Optic		Air filter & Regulator Lubricator & pressure gauge Manual valve	
							

AUTO STORAGE AND RETRIEVAL SYSTEM

Model Number : GOTT-ASRS-01

SOLENOID VALVE	CODE 472-009	CONTROL BOX	CODE 472-010	MODEL PRODUCT	CODE 472-011	SAFETY CONNECTING LEAD	CODE 237-001
Input Power : DC 24V, 1.7W Input Pressure: 0.15~0.17Mpa Type : 5 port 2 way 5 line manifold (attached silencer)		Style : Casing powder sprayed with heat treat Engrave panel with presented block diagram and circuit		Quantity : 21 units Material : Aluminium		4mm connecting leads 	
						EXPERIMENT MANUAL 	CODE 472-012

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 to discontinue the manufacturing of any product

Warranty:

2 Years

ORDERING INFORMATION :

ITEM	MODEL NUMBER	CODE
AUTO STORAGE AND RETRIEVAL SYSTEM	GOTT-ASRS-01	472-000

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