

Jupiter Machine Training

Configurable Gravity Handler for Large Devices



Course Description

This training material introduces the student to the Jupiter test handler. The training is offered in three levels from the perspective of an Operator, a Maintenance Technician and an Advanced Technician:

- Level 1 - Basic: Focused on basic operational procedures: loading/unloading parts, troubleshooting, and general equipment safety
- Level 2 - Intermediate: Maintenance focused course intended to get the student familiar with the product. Operational requirements, setup and alignment, device workflows, and mechanical/electrical diagnosis
- Level 3 - Advanced: Maintenance focused course intended to get the student familiar with the product. Complex mechanical/electrical diagnosis, motor tuning, setup and alignment

Course Outline

- Introduction and Process Overview
- Software
- Machine Platform
- Machine Input and Output
- Machine Modules
- Adjustments
- Q&A, Test, Wrap Up

Course Length

- Level 1: Basic - one day (eight hours)
- Level 2: Intermediate - three days (twenty four hours)
- Level 3: Advanced - four days (thirty two hours)

Prerequisites

- Level 2: Level 1 training and a minimum of thirty days experience with the Jupiter test handler
- Level 3: Level 2 training and a minimum of six months experience with the Jupiter test handler

Recommended

- English - written and spoken



Automotive



Mobility



IoT/IoV & Optoelectronics



Computing & Network



Industrial & Medical



Consumer

- Full tri-temp range -60C° to +175°C
- Easy conversion in the field
- Throughput up to 8,000 UPH
- Various contactor and MEMS options

Jupiter Machine Training

Level 1: Basic

Day 1

1 - Introduction

- Introduction of the Handler
- Handler Safety
- Start Up Handler

2 - Modules Introduction and Functionality

- Loader Module
- Handler Base
- Contactor
- Plunger Head
- Unloader Modules (Auto and Manual)

3 - Introduction of OPI

- Operator Interface PC (OPI)
- Interface Program Sub Menu
- Reviewing Statistics

4 - Contactor

- Principal of Working

5 - Doing some Practice

- How to Operate the Machine
- Time for Practice

6 - Building Up Confidence

- Running Parts
- Troubleshooting

7 - Q&A

- Q&A, Test, Wrap Up

Level 2: Intermediate

Day 1 - 3

1 - Introduction

- Introduction of the Handler
- Handler Safety

2 - Introduction of Manual and OPI

- Manual, in Paper and on the Machine
- Service Screens

3 - Kit and Plunger (Practice)

- Explanation of the Kit
- Explanation of the Plunger
- Kit Exchange

4 - Taking a Closer Look into the Machine

- Fiber Optic Amplifier
- The inside of the Machine
- How are the different parts related

5 - How to Adjust the Machine (Practice)

- Loader, Unloader, Adjustments
- Handler Base, Adjustments

6 - Troubleshooting

- Troubleshooting

7 - Q&A

- Q&A, Test, Wrap Up

- Full tri-temp range -60C° to +175°C
- Throughput up to 8,000 UPH

- Easy conversion in the field
- Various contactor and MEMS options

Jupiter Machine Training

Level 3: Advanced

Day 1 - 3

1 - Introduction

- Introduction of Handler and Training Content

2 - Modules Dismantle and Adjustment (Practice)

- Auto Loader (removing and position adjustment)
- Unloader, Auto and Manual (removing and position adjustment)
- Rotary Magazine (replacing and position adjustment)
- Fan Unit (principal of working and replacing Fan Motor)

3 - Replacing Spare Parts and Removing Important Assemblies

- Plunger (replacing parts, adjust track level and sensor adjustment)
- Sorter/Pivot Unit (replacing parts and replacing belts)
- Feed Shuttle (removing module, replacing parts and load/unload adjustment)

4 - Temperature System

- Principal of Temperature System
- Temperature Calibration

Day 4

5 - Electrical and Pneumatic

- Location of the Modules
- Path of Signals
- Using Schematics from the User Manual

6- Q&A

- Q&A, Test, Wrap Up

Who Should Attend

- Level 1 : Operator
- Level 2: Maintenance Technician
- Level 3: Advanced Technician

Training Locations

- Level 1 - Basic: on-site customer class
- Level 2 - Intermediate: on-site customer class or Cohu training facility
- Level 3 - Advanced: on-site customer class or Cohu training facility

Customized classes and on-site customer classes are available to suit your training needs.

More Information/Registration

- Contact training@cohu.com

Training Course Catalog

- Visit our handler training catalog to view our other training offerings www.cohu.com/handler-training