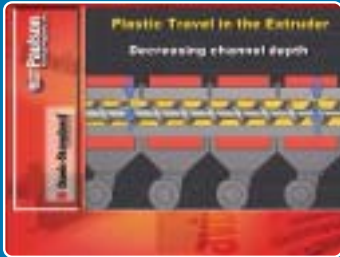


Single Screw Plasticating Extruder



Train production personnel, supervisors and managers with the very latest extrusion process technology from Davis-Standard and Paulson Training Programs. This customized training course will enable your extrusion team to:

- ◆ Learn the detail of individual components of the Davis-Standard Plasticating Extruder, what they look like and how they operate
- ◆ Understand how plastic travels through the single screw extruder
- ◆ Learn about the control of plastic melting, flow and pressure in the extruder
- ◆ Examine the effects of temperature, pressure and machine design on the material
- ◆ Explore ways to optimize control settings on the Davis-Standard Single Screw Extruder



Recommended For: Extruder Operators, Material Handlers, Set-up Personnel, and Production Supervisors

With this program, your personnel will learn the latest Davis-Standard single screw extruder technology using Paulson's proven interactive training expertise. This state-of-the-art program features full motion video, text, audio and 3-D graphic animation. Personnel will learn plastic behavior and how to maximize the productivity and efficiency of the Davis-Standard extruder.

In 2 lessons (more than 4 hours of training) employees will learn the components of the Davis-Standard extruder, how plastic travels through the barrel and how to optimize the extrusion process.

The program is an introduction to the fundamentals of single screw technology and provides all the knowledge that your personnel will need in order to make informed decisions on the production floor.

Lesson Titles and Descriptions

1

Lesson

The Plasticating Extruder

This lesson describes the parts of the Davis-Standard single screw extruder, what they look like and how they operate. It also illustrates how plastic melts and flows in the extruder.

2

Lesson

The Characteristics and Behaviors of Plastics for Extrusion

Discusses raw material forms, thermal degradation, additives and the importance of material drying. It describes the behavior of the plastic as it travels through the compression and metering zones of the extruder and how it is affected by the control settings of the Davis-Standard single screw extruder.

Fully Interactive

Digital Video

3-D Animation

4+ Hours of Training



PAULSON'S INTERACTIVE LEARNING SYSTEM

- ◆ **More Effective Training:** Get a 40% increase in knowledge retention and comprehension using interactive technology.
- ◆ **Scheduling Flexibility:** Training is available to all shifts, 24 hours a day without affecting production.
- ◆ **Automatic Record Keeping:** You can test and track employee progress automatically.
- ◆ **No Instructor Required:** Fully interactive format provides either a self-paced, one-on-one or classroom learning environment.



- ◆ **Reduced Training Costs:** Train on company time without loss of production. No dedicated instructor, no overtime and no overhead add up to large savings.
- ◆ **Increased Motivation:** Immediate feedback and personal involvement are key factors in training effectiveness.
- ◆ **Complete Curriculum:** The interactive library provides a complete career path curriculum for all employees.

Crompton

Davis-Standard

For information about Davis-Standard
please call 860-599-6395



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