

Print Media Performance & Training Center.

Introduction to Die-cutting.

Overview

In order to achieve optimum running speeds, master the best practices in diecutting such as lock up of tooling, preparation of patch sheet, laying counters and how to effectively strip waste.

Introduction

- Safety, operation and machine controls, machine control screen, and documentation
- Introduction to machine control screen
- Tooling frames, Quicklock, thin plates, and pre-makeready table
- What to look for: tooling, requirements, and maintenance
- The importance of quality tooling and all basic specifications of rule, rubber, etc.

Makeready Process

- Job preparation and press-ready tooling concept
 - Organization, tools needed
- Machine set-up: feeder & delivery
 - Understanding the feeder and delivery non-stop processes
- Registration and sheet travel controls and settings
 - Adjustment of front and side lays
- Cutting die lock up
 - Understanding of Centreline principle
 - Balancing of the cutting die
- Locking up a 1mm plate & positioning creasing matrix
 - Review of different types of creasing options
 - Use of hard 5mm plate
- Locking up Quicklock stripping tooling
- Setting up a few lower pins on the machine
- Running first sheets, adjustment of the cutting pressure
- Efficient and accurate patch up process
 - Use and positioning of patch up tapes



Easymatrix 106 CS.

- Running production on the machine
- Proper tool change over methods to change to a new job
- Introduction to pre-makeready table
- Set-up of upper & lower pins, understand correct positioning
- Job changeover to second job
- Troubleshooting tips & tricks, understanding common issues
- Control screen error messages, understanding how to analyze
- Maintenance overview

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