Print Media Center Americas. **Advanced Folding.**

Overview

Experienced operators will review the components of a folder, then focus on high performance folding, product quality and advanced folding techniques including scoring and perforating.

Introduction

- Safety, operation and machine controls, machine control screen, and documentation
- Folding terminology
  - Buckle Folders: Ti/BH/TH machines
  - Kombi Folders: CH/KH machines
  - Shingling Folders: TH/KH-P/TX machines
  - Delivery types and configurations

Makeready Process

- Overall Machine Capabilities
  - Dimensions
  - Machine folding formats
  - Connections between machine modules and delivery
- Folding Basics
  - Paper grain direction
  - Paper properties
  - Folding principles
- Feeder Set-up — Fine Tuning
  - Adjustment of pile, continuous, pallet, shingling, etc.
- Tremat Head
  - Adjustment and fine tuning of suction plate blower and suction wheel
- Register Table
  - Side guide positioning and skew adjust
  - Thickness sensor
- Buckle Plate Station/Crossfold Unit/Shingling Unit
  - Mechanical adjustments, knife/angle height
  - Shingling function
- Operation MCT Control System
  - Buttons, settings, automated set-up



Stahlfolder® TH 66 Fireline.

- Deliveries (Stream-, Stack-, Horizontal Stack-Delivery, Autonomous)
  - Marking function, pressing rollers
  - P-Stacker technology
- Makeready process + production of complex folds:
  - Perforating and scoring
  - Crossfold
  - Three-directional crossfold
- Performance Folding
  - Fine setting adjustments for best performance
  - Tips & tricks for optimum changeover times
- Factors that affect fold quality
  - Roller condition
  - Creasing roller selection
  - Slitting knife types
- Troubleshooting tips & tricks, understanding common issues
- Control screen error messages, understanding how to analyze
- Scenario setting, define problem, identify solutions
- Maintenance overview

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