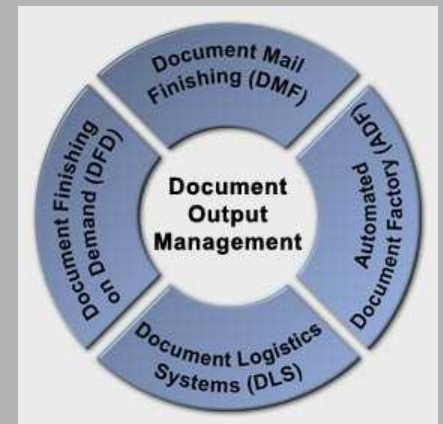


Perfectly stacked documents with the Kern 141 Drop Stacker

Kern DFD

Kern DFD - Document Finishing on Demand: solutions for pre- and post processing for document inserting processes.



We just can't help it if our heart skips a beat whenever we see perfectly stacked documents. If it's the same with you, you should take a close look at the K141. This module for stacking cut single sheets is a conscientious worker. It always keeps documents in the right order. Sheets are stacked from top to bottom; consequently, the first sheet fed is always at the bottom of the stack. And the K141 is clever. It's easy to operate the K141 via the color touch-screen monitor. The paper sizes that you require can be programmed and set within a few seconds. Because the sheet stacking module - like all Kern products - is well-designed and of a user-friendly operating height, it's fun to work with it!

Module Features

- This newly developed, high performance stacking module makes neat, perfectly straight piles of cut single sheets.
- Single sheets are stacked from the top down so that the first sheet fed is at the bottom of the stack.
- The evacuation of finished stacks is controlled by sheet count or by reading (OMR, barcode, Data Matrix or OCR).
- Automatic adjustments for sheet lengths from 4" to 14" can be made within seconds.
- Stacking speeds of up to 100 meters per minute are possible.
- The color touch screen makes operation simple and features:
 - The programming and setting of paper sizes within seconds,
 - Job storage and an integrated operating guide and manual,
 - The display of the current speed, Reviewable statistics and maintenance diagnostics for operating and service personnel.

Benefits of the K141 Drop Stacker

User Friendly

The ergonomic design incorporates protective, noise muffling covers.

Intelligent Design

A Siemens SPS controls the module itself, is able to communicate with high speed printing machines and modules such as rotary and guillotine cutters, sequencers and wrapping machines, has network capabilities, and can be programmed according to customer needs.

Options

- U.S. and Japan power supply system (ref.: KT-ST5-US or KT-ST5-JAP)
- Output conveyor:
 - 1m length, 630mm high (ref.: TAP-5- H630-1000)
 - 2m length, 630mm high (ref.: TAP-5- H630-2000)
 - 3m length, 630mm high (ref.: TAP-5- H630-3000)
 - Other lengths on request
- Bypass kit for Ibis or MB feeding (ref.: KBP-ST5)
- Support kit for MB conveyor (ref.: KA-ST5-DAT)
- Output tunnel kit when mounted with a MAP-5 for sideware stack evacuation (ref.: KTUN-90°L-ST5-TAPMPR)
- Lifting kit for different output height (ref.: KRS-H1060-ST5)

Product Specifications

Cutting speed: up to 100 m/min (cutter speed)
Form length: 4" - 14" adjustable in increments of 1/6", 1/8" or 0.1mm
Paper width: 145– 520 mm
Paper weight: 70– 140 g/m² (other weights on request)
Stack height: 5– 250 mm
Evacuation speed: 13 seconds in worst case
Length: 600 mm (without output tunnel)
Height: 1350 mm
Width: 1200 mm
Weight (empty): 300 kg
Power consumption: 1.5 kW
Power requirements: 400 V, 50/60 Hz, 3 phases + N + PE
Air requirements: none
Noise level: 60 dB (A)
Thermal consumption: 1200K/Cal/h
Temperature: 15°C - 35°C / 60°F– 95°F
Certification: CE



The success of our customers is the most important part of our business. At Kern, we believe that we don't succeed unless our customers succeed. Fast machines, advanced technology, and outstanding technical support are the fundamental strengths of what we do. By establishing a mutually beneficial partnership, both our customers and Kern are able to achieve success and we back it up with a guarantee.



*"Your Kern product is **guaranteed** to provide a minimum of Ten Years of production grade output, when maintained under a Kern Full Service Maintenance Agreement. If we can't fix it, we'll replace it. Period."*



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