



Automatic Sheet Gathering & Collating Machine

LUK-ASC-5000

LUK-ASC-5000 is designed for sheet gathering , adjusting , spot welding automatically .



Automatic Sheet Gathering & Collating Machine LUK-ASC-5000

INTRODUCTION

Lukiot's ASC-5000 is a fully automatic , completely flexible sheet collating system.

Due to its modular design, the system can collate three core layers from the sheet and two overlays from the reel. It has unique flow design with antistatic devices to eliminate the static in the sheets and overlay to make sure the feeding smoothly. Applying the dust elimination device to clean both sides of the collated sheets.

The high precision optical collation process makes this machine suitable for contactless, dual interface and other high level cards such as ID or EMV Cards.

FEATURES



- Automatic high speed sheet collating system
- 3 feeding units for gathering top sheet, inlay sheet & bottom sheet
- Feeding of overlay from reel
- High precision alignment by vision systems
- By using ultrasonic system, the result of spot welding is small & perfect
- Easy to adjust welding power , time & depth for different material thickness
- Easy to adjust the welding position for different size material
- Dust elimination device to clean both sides of the collated sheets
- Flexible modular design, customer can add or remove each module
- Output: up to 1200 sets per hour, depending on material & layout

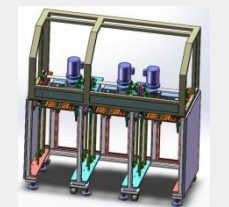
TECHNICAL DATA

| Model | LUK-ASC5000 |
|------------------------------|--|
| Suitable Material | PVC, ABS, PET, PETG, PC ,etc. |
| Available Layout | Customized |
| Available Material Thickness | PVC Core or Inlay: 0.1mm-0.40mm Overlay Film: 0.04mm-0.10mm Thickness after Spot Welding: 0.40mm-1.2mm |
| Accuracy | ±0.10mm |
| Welding Depth | 0.20-1.0mm |
| Output | Up to 1200 sets per hour |
| Air Source | 0.6 Mpa |
| Power Supply | 380V, 50-60Hz, 12KW |
| Operator | one person |

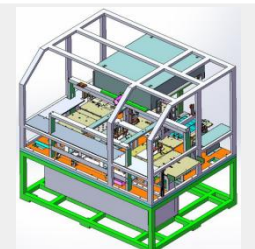
Perfect Performance with High Quality

Flexible modular design, customer can add or remove following modules on demand.

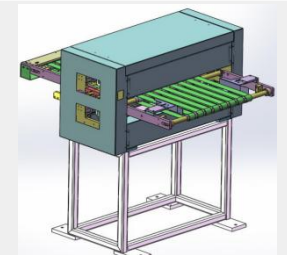
3 feeding modules for PVC Core



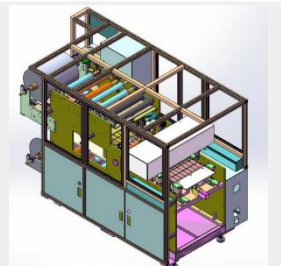
Gathering & Collating Module



Dust Elimination Module



2 modules for applying overlay film



Sheet collection Module

