
MODEL: GCM1-S

Fully Automatic Sheet Gathering & Collating Machine



Partnerships in card solutions

Range of application

The machine is designed for automatic working system for gathering, adjusting, spot welding and cutting two overlay foils in web and one or two core foils. Overlay material is fed from top and underneath from rolls. Core foils have to be fed from auto feeder between overlays. The package can be spot welded with up to four sets ultra sonic system. The spot welded package is transported to the cutting unit and cut to individual packages. The layer sheets are fed to collection device and piled up, 1,200 sets can be produced per hour.

Advantages

- The touch-screen monitor makes the machine easy to operate
- Max material size 750x750mm suitable for PVC,PET material.
- A core sheet feeder with trolley holds approx. 1000 sheets, with a sheet thickness of 0.7mm.
- Overlay foil from roll, 40 to 400µm thick
- 3 sets clear roller for each overlay foil and core sheet.
- Edge track system for overlay foil with and without tracks.
- By using ultrasonic system the result of spot weeding is small and perfect.
- Easy to adjust the welding power time and depth for different thickness of material.
- Easy to adjust the welding position for different size material.
- The cross-cutter is cutting the 2 webs between 2 sheets using circular blades.
- Finished sheet stacking height is up to 1,000 sheets.
- The accurately positioned at less or equal than ± 0.2 mm
- Complete CE safety guards

Specifications

MODEL	GCM-1S	GCM-2S	GCM-3S
Material	PVC,PET,OVERLAY,CORE	PVC,PET,OVERLAY,CORE	PVC,PET,OVERLAY,CORE
Welding type	Ultrasonic	Ultrasonic	Ultrasonic
Welding head	4 sets	6 sets	6 sets
Working pressure	6 bars	6 bars	6 bars
Welding time	0.5~10sec	0.5~10sec	0.5~10sec
Max. core material size	750 x 750 mm	750 x 750 mm	750 x 750 mm
Core material thickness	100~1000 mm	100~1000 mm	100~1000 mm
Overlay roll diameter	500 mm	500 mm	500 mm
Overlay thickness	40~400 micron	40~400 micron	40~400 micron
Dimensions	6500(L)x3000(W)x1800(H)	7500(L)x3000(W)x1800(H)	9000(L)x3000(W)x1800(H)
Net weight	3000 kg	4000 kg	5000 kg



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