

# Specification \_ Gemini A8



NO	Item	Concept
1	Reel Diameter	7" / 13" reels can be stored in a mix configuration
2	Reel Thickness	8mm~44mm
3	Maximum Reel Capacity	7910 reels (7"/8mm) or 1978 reels (13"/8mm) Actual storage dependent on configuration
4	Reel thickness grouping per shelf	Three kinds of height (option) (8mm/12~24mm/24~44mm)
5	Input stacking module	4 stacking modules: 7" x2 ports 13 " x2 ports Or 7" x5 ports Max. capacity per stack is 30 x 8mm thickness reels
6	Input area	Reel stacked with alignment mechanisms. Automatic reel loading.
7	Reel thickness	Automatic detection at input stacking module. Reels of different thickness can stacked into a single stacking module.
8	Reel ID reading	7": 2D & 1D barcode in all area or 13": 2D and 1D barcode area: 300x270mm
9	Output area	Independent output with conveyor. The conveyor can be designed for customer site.
10	Labeling	Automatic labeling machine (option)
11	Reel storage	Two silos designed; input and output by communal ports.
12	Motion	3 Axis motor driven pick and place per silo
13	Control	PC-Based control
14	System	Control PC + Client PC Support multiple storage units
15	Data Storage	Database (Recommend bundled with on-site system)
16	Output Method	1. Multiple reels by CSV type file format 2. Individual part request

18	Reel Qty	1. Barcode 2. Custom interface
19	Storage Information	Real time stock information
20	Throughput	Input 13 sec/reel (average) Output 13 sec/reel (average) (AVG :6.5 sec/reel if execute simultaneously)
21	Voltage	AC 220V / 3 phase
22	Power	6KW
23	Air Supply	5KG/CM <sup>2</sup> 100LPM
24	Dimension	5330x2230x2820 mm (W*D*H)
25	Weight	6,000 KGS