

# Magazine Loader

Located at the first stage of SMT line, this unit transfers PCBs stacked in a magazine rack to the downstream machine using a pneumatic pusher one by one.



## STANDARD

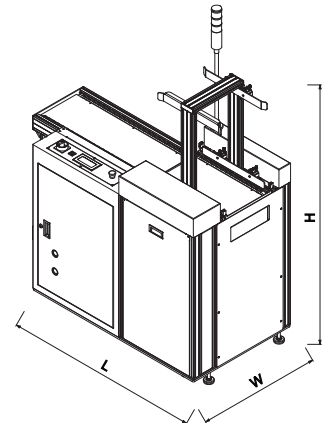
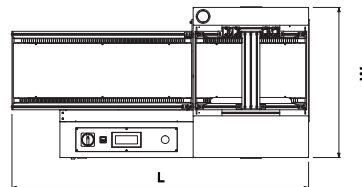
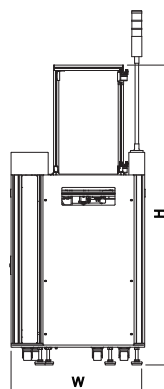
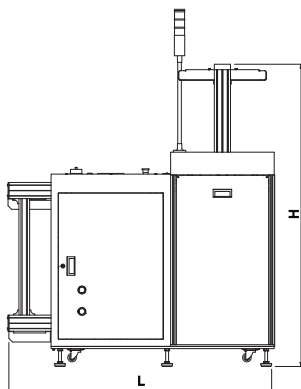
- Touch screen (Operating panel)
- Tower lamp
- Manual width adjustment
- SMEMA interface
- Controlled by PLC
- Pitch selectability (1~4 pitch)
- Magazine rack 50 slots
- Jam detection (Pneumatic)
- Exit guide (Manual)
- Magazine rack capacity : upper 2/lower 2

## OPTIONS

- Auto width adjustment
- ESD powder coating
- High speed lifter (19sec)
- Jam detection (Electric-torque)

## GENERAL SPECIFICATION

Transport height	950mm±20mm
Color	H-GY2912-T3_Samhwa Paints
Flow direction	Left to Right / Right to Left
Fixed rail	Front / Rear
PCB clearance	Top 30mm / Bottom 25mm
PCB thickness	0.6mm ~ 4.0mm
Pitch control	1~4 pitch
Air supply	0.5Mpa(5bar)
Air usage	11.30 l/min
Electricity consumption	300W
Power	230V/50Hz, 60Hz 1Phase



MODEL	SIZE	Max PCB(L X W)	Min PCB( L X W )	DIMENSION (L X W X H)	WEIGHT (Kg)
YML-0M 00	M	330 X 250	70 X 50	1495 X 755 X 1660	290
YML-0L 00	L	440 X 330		1595 X 835 X 1660	305
YML-0X 00	XL	460 X 460		1695 X 965 X 1660	320

\*Customizable

Located at the first stage of SMT line, this unit transfers PCBs stacked in a magazine rack to the downstream machine using a pneumatic pusher one by one. The magazine conveyor part and the inside of the lifter are designed to accommodate racks of various sizes.



## STANDARD

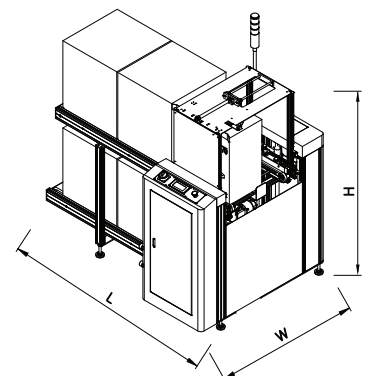
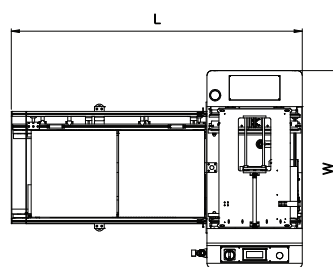
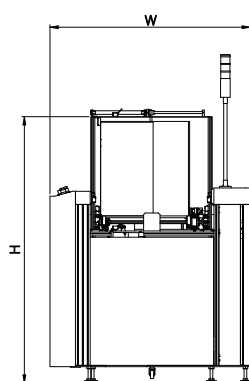
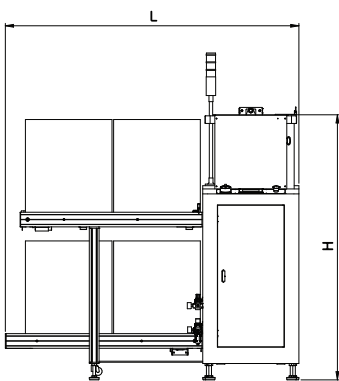
- Touch screen (Operating panel)
- Tower lamp
- Manual width adjustment
- SMEMA interface
- Controlled by PLC
- Pitch selectability (1~4 pitch)
- Magazine rack 50 slots
- Jam detection (Pneumatic)
- Exit guide (Manual)
- Magazine rack capacity : upper 2/lower 2

## OPTIONS

- Auto width adjustment
- ESD powder coating
- High speed lifter (19sec)
- Jam detection (Electric-torque)

## GENERAL SPECIFICATION

Transport height	950mm ± 20mm
Color	H-GY2912-T3_Samhwa Paints
Flow direction	Left to Right / Right to Left
Fixed rail	Front / Rear
PCB clearance	Top 30mm / Bottom 25mm
PCB thickness	0.6mm ~ 4.0mm
Pitch control	1~4 pitch
Air supply	0.5Mpa(5bar)
Air usage	11.30 l/min
Electricity consumption	250W
Power	230V/50Hz, 60Hz 1Phase

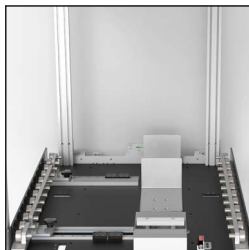


MODEL	SIZE	Max PCB(L X W)	Min PCB( L X W )	DIMENSION (L X W X H)	WEIGHT (Kg)
YML-0L 10	L	440 X 330	70 X 50	1540 X 1090 X 1670	220
YML-0X 10	XL	460 X 460		1760 X 1220 X 1670	270

\*Customizable

# Magazine Loader - Single

Located at the first stage of SMT line, this unit transfers PCBs stacked in a magazine rack to the downstream machine using a pneumatic pusher one by one. It supplies magazine racks directly to a lifter. The inside of the lifter is designed to accommodate racks of various sizes.



## STANDARD

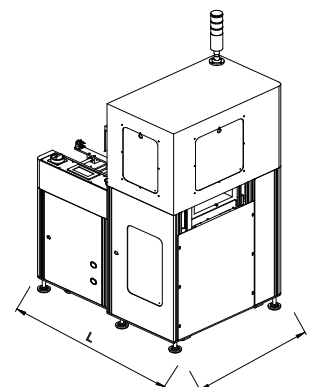
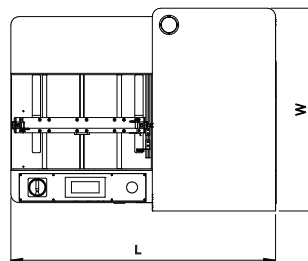
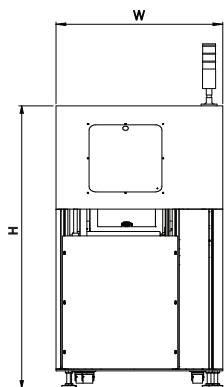
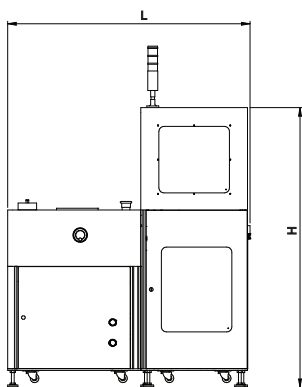
- Touch screen (Operating panel)
- Tower lamp
- Manual width adjustment
- Double plate structure
- SMEMA interface
- Controlled by PLC
- Pitch selectability (1~4 pitch)
- Magazine rack 50 slots
- Jam detection (Pneumatic)
- Exit guide (Manual)
- 1 magazine rack capacity

## OPTIONS

- Auto width adjustment
- ESD powder coating
- High speed lifter (19sec)
- Jam detection (Electric-torque)

## GENERAL SPECIFICATION

Transport height	950mm±20mm
Color	H-GY2912-T3_Samhwa Paints
Flow direction	Left to Right / Right to Left
Fixed rail	Front / Rear
PCB clearance	Top 30mm / Bottom 25mm
PCB thickness	0.6mm ~ 4.0mm
Pitch control	1~4 pitch
Air supply	0.5Mpa(5bar)
Air usage	11.30 ℓ/min
Electricity consumption	190W
Power	230V/50Hz, 60Hz 1Phase



MODEL	SIZE	Max PCB(L X W)	Min PCB( L X W )	DIMENSION (L X W X H)	WEIGHT (Kg)
YML-0M 20	M	330 X 250	70 X 50	1020 X 740 X 1650	310
YML-0L 20	L	440 X 330		1270 X 820 X 1650	340
YML-0X 20	XL	460 X 460		1410 X 950 X 1650	370

\*M size : the inside of the lifter is not adjustable type.

\*Customizable

Located at the first stage of SMT line, this unit consists of a coupling of a single shuttle and a rack part then transfers PCBs stacked in a magazine rack to the downstream machine using a pneumatic puller mounted on the single shuttle one by one. It supplies magazine racks directly to the open rack part and the inside of the rack part is designed to accommodate racks of various sizes.



## STANDARD

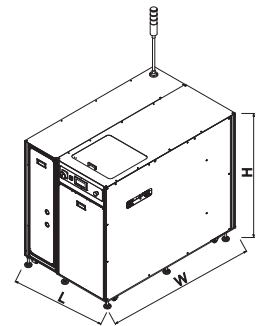
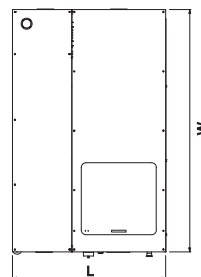
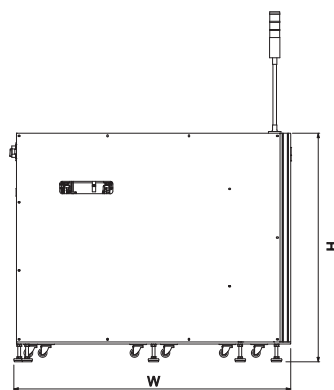
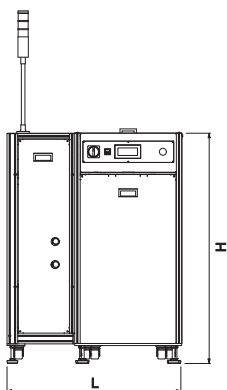
- Touch screen (Operating panel)
- Tower lamp
- Manual width adjustment
- SMEMA interface
- Controlled by PLC
- Pitch selectability (1~4 pitch)
- Magazine rack 50 slots
- Jam detection (Pneumatic)
- 2 magazine racks capacity

## OPTIONS

- Digital speed controller (0~200mm/sec)
- Auto width adjustment
- Double sensors
- ESD powder coating
- Jam detection (Electric-torque)
- Mechanism for AGV linkage

## GENERAL SPECIFICATION

Transport height	950mm±20mm
Color	H-GY2912-T3_Samhwa Paints
Flow direction	Left to Right / Right to Left
Fixed rail	Front / Rear
PCB clearance	Top 30mm / Bottom 25mm
PCB edge	3mm
PCB thickness	0.6mm ~ 4.0mm
Pitch control	1~4 pitch
Conveyor speed	200mm/sec
Conveyor belt	1.0T, Antistatic 10 <sup>8-10</sup> Tem: 100 °
Air supply	0.5Mpa(5bar)
Air usage	4.0 ℓ/min
Electricity consumption	720W
Power	230V/50Hz, 60Hz 1Phase



MODEL	SIZE	Max PCB(L X W)	Min PCB( L X W )	DIMENSION (L X W X H)	WEIGHT (Kg)
YSL-0M 00	M	330 X 250	70 X 50	990 X 1550 X 1290	450
YSL-0L 00	L	440 X 330		1210 X 1770 X 1290	470
YSL-0X 00	XL	460 X 460		1380 X 2120 X 1290	490

\*M size : the inside of the lifter is not adjustable type.

\*Customizable

# Destacker - Knife

Using “Knife Cylinder”, this unit unstacks bare boards one by one



## STANDARD

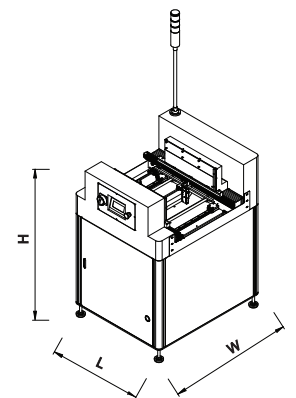
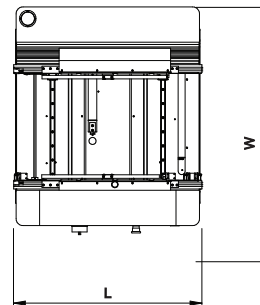
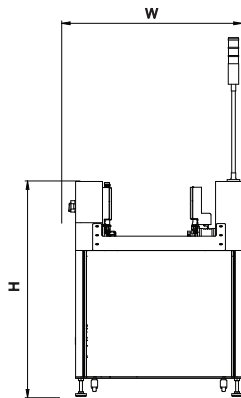
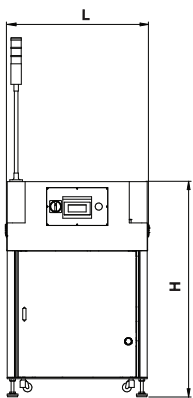
- Touch screen (Operating panel)
- Tower lamp
- Manual width adjustment
- Double plate structure
- SMEMA interface
- Controlled by PLC
- 30pcs stacking available with 1kg

## OPTIONS

- Digital speed controller (0~200mm/sec)
- Auto width adjustment
- Double sensors
- ESD powder coating

## GENERAL SPECIFICATION

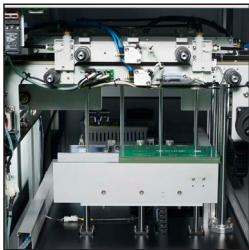
Transport height	950mm±20mm
Color	H-GY2912-T3_Samhwa Paints
Flow direction	Left to Right / Right to Left
Fixed rail	Front / Rear
PCB edge	3mm
PCB thickness	1.0mm ~ 2.0mm
Conveyor speed	200mm/sec
Conveyor belt	1.0T, Antistatic 10 <sup>8-10</sup> Tem: 100 °
Air supply	0.5Mpa(5bar)
Air usage	10.0 l/min
Electricity consumption	20W
Power	230V/50Hz, 60Hz 1Phase



MODEL	SIZE	Max PCB(L X W)	Min PCB( L X W )	DIMENSION (L X W X H)	WEIGHT (Kg)
YDL-0M 00	M	330 X 250	70 X 50	600 X 680 X 1200	180
YDL-0X 00	XL	460 X 460		800 X 930 X 1200	190

\*Customizable

Using “Edge vacuum pad”, this unit unstacks bare boards one by one



## STANDARD

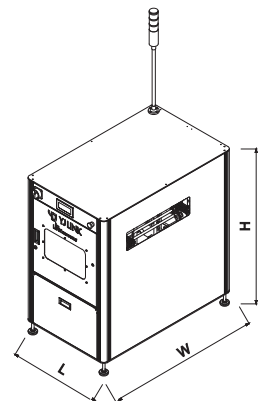
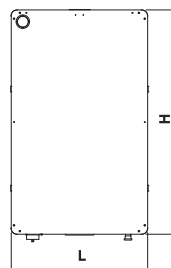
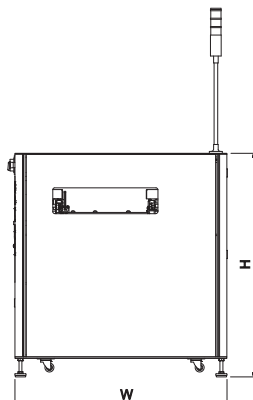
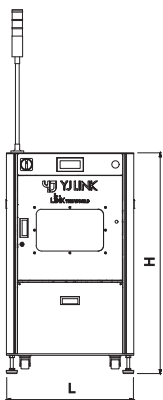
- Touch screen (Operating panel)
- Tower lamp
- Manual width adjustment
- Double plate structure
- SMEMA interface
- Controlled by PLC
- 200pcs stacking available with 1T

## OPTIONS

- Digital speed controller (0~200mm/sec)
- Auto width adjustment
- Double sensors
- ESD powder coating

## GENERAL SPECIFICATION

Transport height	950mm ± 20mm
Color	H-GY2912-T3_Samhwa Paints
Flow direction	Left to Right / Right to Left
Fixed rail	Front / Rear
PCB clearance	Top 30mm / Bottom 25mm
PCB edge	3mm
PCB thickness	0.6mm ~ 4.0mm
Conveyor speed	200mm/sec
Conveyor belt	1.0T, Antistatic 10 <sup>8-10</sup> Tem: 100 °
Air supply	0.5Mpa(5bar)
Air usage	7.00 l/min
Electricity consumption	540W
Power	230V/50Hz, 60Hz 1Phase



MODEL	SIZE	Max PCB(L X W)	Min PCB( L X W )	DIMENSION (L X W X H)	WEIGHT (Kg)
YVL-0M 00	M	330 X 250	70 X 50	600 X 940 X 1200	260
YVL-0X 00	XL	460 X 460		700 X 1150 X 1200	290

\*Customizable