

## SMT Pick And Place Machines NPM-GW Modular Placement Machine

### Our Product Introduction

#### Basic Information

- Place of Origin: Japan
- Brand Name: Panasonic
- Model Number: NPM-GW
- Minimum Order Quantity: 1 PCS
- Price: USD+negotiable+pcs
- Packaging Details: 2000\*800\*1200mm
- Delivery Time: 1-7 days
- Payment Terms: T/T
- Supply Ability: 1+pcs+per days



#### Product Specification

- Placement Accuracy (Cpk $\geq$ 1):  $\pm 25\mu\text{m}/\text{chip}$
- Max.speed (per 1 Head): 52000 Cph(0.070s/chip)
- Maximum PCB Dimensions(For Single Conveyor): L760×W 687 Mm Slide Mounting:1,050 Mm/1,260 Mm
- Component Dimensions(mm): 0201chip L120×W90×T40/T45 Or L150×W25×T40/T 45
- PCB Transfer Lane: Single/Dual
- Component Supply: Taping/Stick/Tray
- Maximum Number Of Components Supply(Tape Width4 Mm,8 Mm Calculation): 136
- Number Of Heads: 2
- Placement Heads: 16/8/3
- Condition: Used Original



## Product Description

### Key features and functions

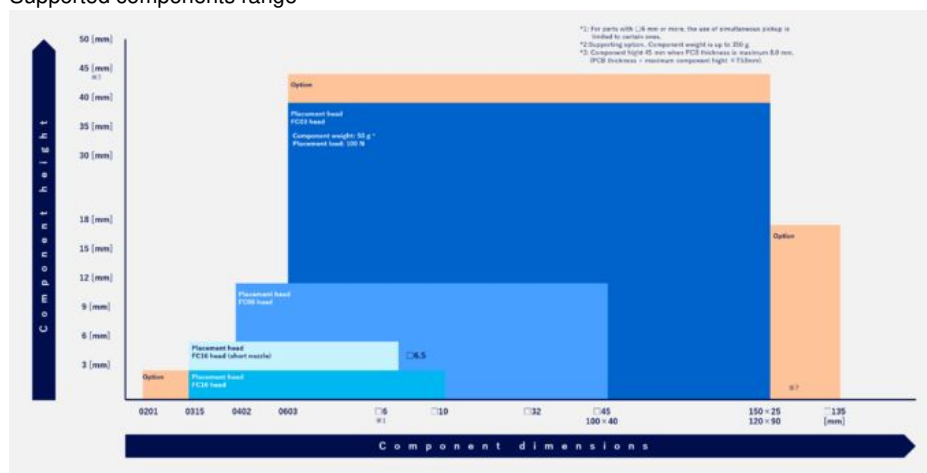
1. Support large components and large PCBs to meet the increasing demand for Electric Vehicles (EV) and DX
  2. 5M process control "APC-5M" for good production and stable operation
  3. Various skill-less and manpower-saving features including Auto Setting Feeder
- \* 5M: The variable elements of a production site: huMan, Machine, Material, Method, and Measurement

### Panasonic Modular Placement Machine NPM-GW Features

#### Modular mounter with wide range of components/PCBs compatibility

The basic performance of this modular mounter has been improved by renewing the core units, such as the placement head and recognition camera. It now supports a wide range of components and various components supply configurations, and can also handle larger PCBs. It also supports various automation and manpower-saving functions, including the Auto Setting Feeder (ASF), which automates the components supply operation, to flexibly meet the requirements of each mounting site.

### Supported components range

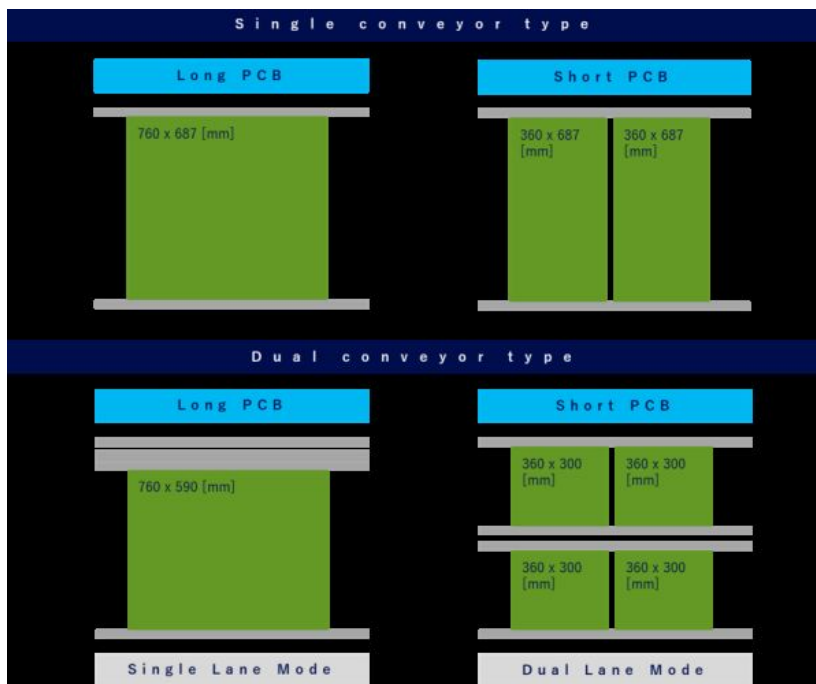


### Maximum speed and placement accuracy

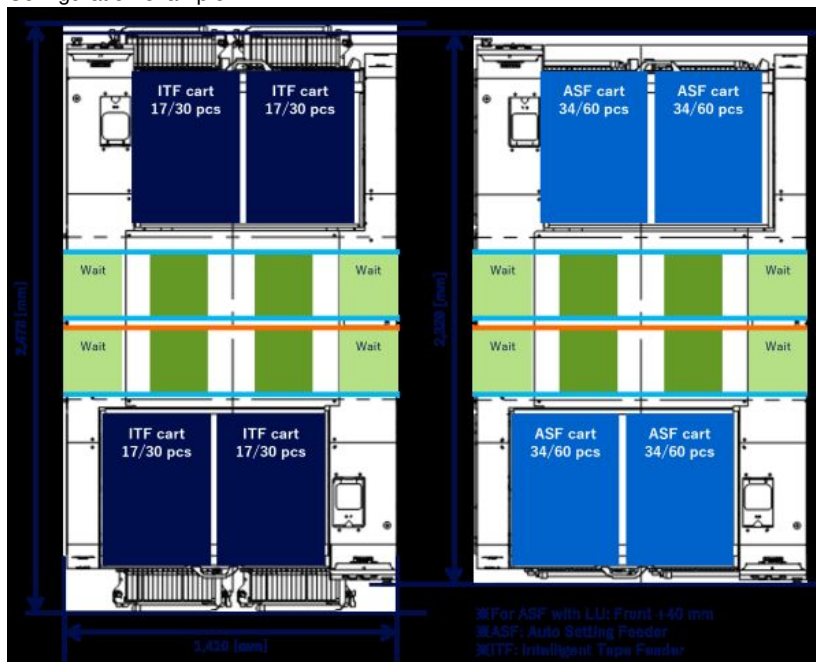
Maximum speed and placement accuracy			
	16 Nozzle head	8 Nozzle head	3 Nozzle head
	FC16	FC08	FC03
<b>【 FC16 head 】</b> Maximum speed : 104 000 cph <sup>※1</sup> IPC9850 ( 1608 ) : 70 000 cph <sup>※1</sup>			
<b>【 FC08 head 】</b> Maximum speed : 53 000 cph <sup>※2</sup> IPC9850 ( 1608 ) : 42 000 cph <sup>※2</sup>			
<b>【 FC03 head 】</b> Maximum speed : 20 000 cph <sup>※3</sup> IPC9850 ( 1608 ) : 13 800 cph <sup>※3</sup>			
※1 : Speed with FC16 × 2 head ※2 : Speed with FC08 × 2 head ※3 : Speed with FC03 × 2 head			

### Supported PCB size





Configuration example

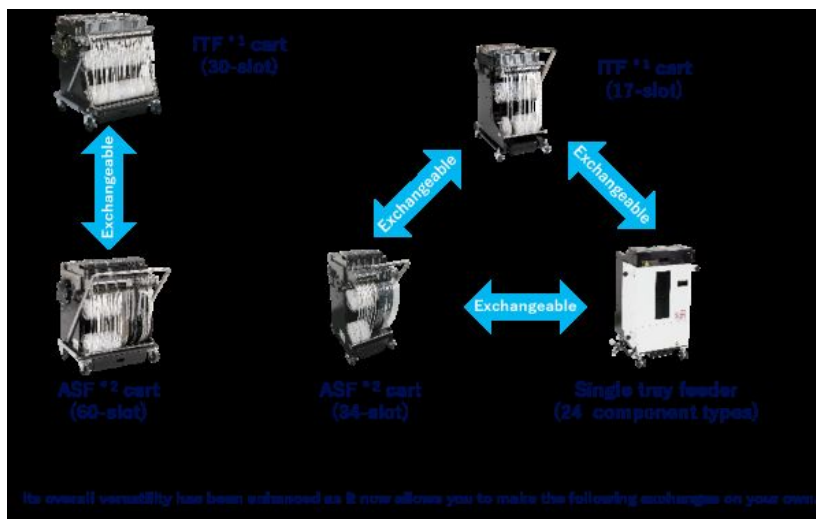


Example configuration

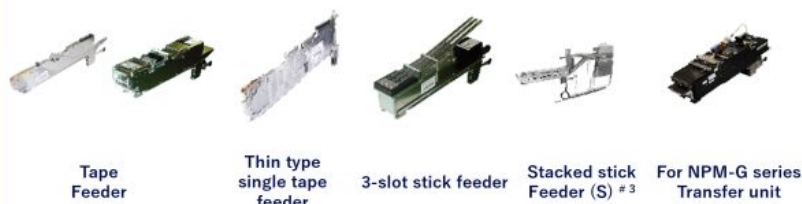
Layout 1	Layout 2	Layout 3	Layout 4	Layout 5
8 mm taping: 120 Tray: 0	8 mm taping: 136 Tray: 0	8 mm taping: 94 Tray: 24	8 mm taping: 102 Tray: 24	8 mm taping: 68 Tray: 48
ASF carts (60-slot) ITF carts (30-slot)	ASF carts (34-slot) x 2 ITF carts (17-slot) x 2	ASF carts (34-slot)/Tray ITF carts (17-slot)/Tray	ASF cart (34-slot)/Tray ITF cart (17-slot)/Tray	ASF cart (34-slot)/Tray ITF cart (17-slot)/Tray
ASF carts (60-slot) ITF carts (30-slot)	ASF cart (34-slot) x 2 ITF cart (17-slot) x 2	ASF cart (60-slot) ITF cart (30-slot)	ASF cart (34-slot) x 2 ITF cart (17-slot) x 2	ASF cart (34-slot)/Tray ITF cart (17-slot)/Tray

Component supply units

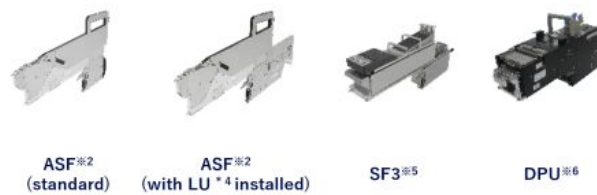




#### Compatible with ITF cart



#### Compatible with ASF cart



※ 1: ITF: Intelligent Tape Feeder ※ 2: ASF: Auto Setting Feeder  
 ※ 3: L also is available depending on the part size.  
 ※ 4: LU: Loading Unit ※ 5: Stick Feeder 3-slot ※ 6: Dipping Unit



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