



# GRACO SMART DISPENSE (GSD) AUTOMATED PLATFORM

EUROPE, MIDDLE EAST & AFRICA



PROVEN QUALITY. LEADING TECHNOLOGY.



# GSD Automated Platform

## Enables reliable, efficient and automated electronics assembly

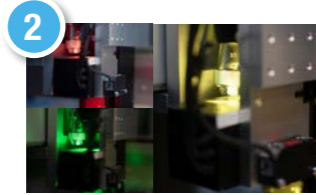
High-quality sealing, bonding, potting and thermal management technologies are the key for electronics to maximize their performance and safety. These manufacturing processes are key to ensuring the high performance and safety of automotive electronics.

Graco GSD automated platform meets your demands for dispensing single-component and two-component materials with low to high viscosities at different flow rates.



### 1 Integrated color touchscreen

- Visualizes dispensing information for users to easily set and manage various parameters



### 2 Visual recognition and positioning assists in dispensing programming

- 256 colors of light sources for different dispensing substrates



### 3 Multi-section independent control track

- Improves productivity



### 4 Dispensing workbench

- Available in different sizes
- Optional single or double slide tables (offline)

- **Convenient:** Visual recognition and positioning technology assists in dispensing programming
- **Controllable:** Real-time collection and monitoring of dispensing information for data visualization and control over process quality
- **Easy to integrate:** Supports integration into a Graco precise dispensing system, offering a one-stop solution
- **Multiple options:** Online and offline types, with multiple workbench size options, automatic and manual modes to meet various production needs
- **CE certified**

## Applications



Bonding



Sealing



Potting



Thermal management



## GSD - Compatible equipments

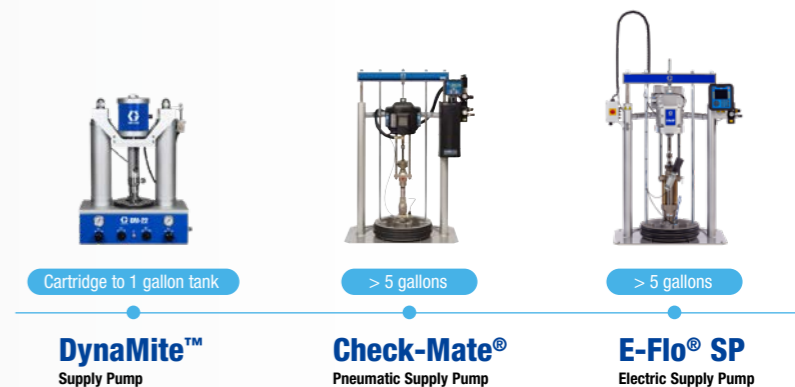
GSD automated dispensing platform is compatible with Graco single-component and two-component metering, dispensing and supply systems, meeting demands for dispensing low to high viscosities of materials.

You can easily customize a one-stop automated dispensing solution as needed.

### COMPATIBLE METERING AND DISPENSING SYSTEMS



### COMPATIBLE SUPPLY SYSTEMS



# Technical Specifications

	GSD 300	GSD 500
<b>Basic Specification</b>		
Dimensions (H×W×D) (mm)	1925 × 990 × 990	2010 × 1190 × 1190
Gantry system	Brushless AC servo motor Precision ball screw slide table	Brushless AC servo motor Precision ball screw slide table
Movement range X × Y (mm)	300 × 300	500 × 500
Max. travel speed X × Y (mm/s)	500	500
Movement range Z (mm)	150	150
Z Payload Capacity (kg)	30	30
Max. acceleration (X, Y)	2g	2g
Positioning accuracy (XYZ)	±0.02 mm	±0.02 mm
Repeated positioning accuracy (XYZ)	±0.01 mm	±0.01 mm
Control system	Graco dispensing control system, based on Windows interface	
Operation device	Color interface touchscreen	
Power supply	220-240 VAC, 16 A, 50/60 Hz	
Air supply	80-100 psi	
<b>Functions</b>		
Customizable loading/unloading	Slide table / Manual	Slide table / Manual / Conveyor belt
Vision system (XY calibration/programming)	Both available	Both available
Light curtain	√	√
Needle clean	√	√
Needle check	√	√
Weight check	√	√
Purge cup	√	√
Z height check	√	√
Parts in place sensor	√	√
Light tower	√	√
Barcode scanner	√	√
Adjustable light color for the camera	√	√

## Markets



Electronics

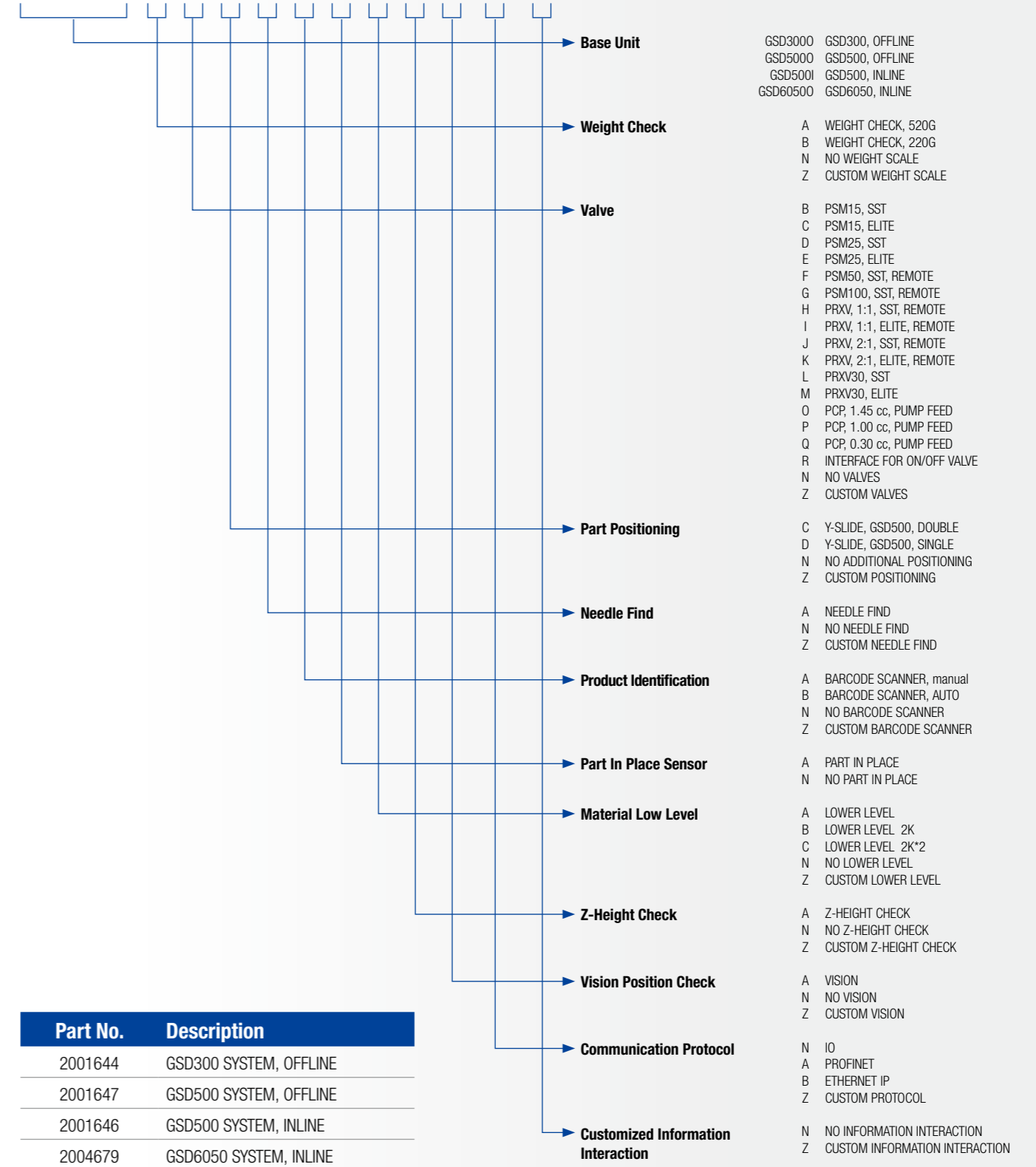
New energy batteries

Automotive parts

Telecommunications

# Ordering Information

**GSDXXXX - 1 - 2 - 3 - 4 - 5 - 6 - 7 - 8 - 9 - 10 - 11**





## OUR BRAND PROMISE TO YOU

Since 1926, **innovation**, **quality** and **A+ Service** have been at the centre of Graco.

### Experience Innovation

Our focus on innovation results in products and equipment that lead the industry with technologically-advanced features, pioneering design, high performance and unparalleled reliability. In short, innovation is how you get better products!

### Building Quality

You're investing in high-quality products built to last for years of reliable service. Moreover, we partner with our customers to better understand how you're deploying our products in the field, then use your experiences to improve performance and durability.



### A+ service, every time

You'll see A+ Service in action when you contact any of our support services options no matter where you are in the world. We'll listen to your situation and work methodically to resolve it as quickly as we can. We are guided by a mindset of integrity and a customer service view centred on collaboration and relationships, not transactions.



We're here to answer questions and help address your needs:

[www.graco.com/contact](http://www.graco.com/contact)

Graco is certified ISO 9001.

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