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ADDAMS Packing Scale 500 to 2500g

General

Brand	ADDAMS
Designation	Weighing & Packing Semi-Automated Double Scale
Model	DWS Series
Application	: Weighing and Packaging of Granular Seeds.

The ADDAMS Packing Scale – 500g to 2500g is a mid-range, high-accuracy packaging system designed to automatically weigh and fill free-flowing and semi-flowing products into pre-formed bags or integrated form-fill-seal systems. Built for precision dosing, reliable throughput, and ease of integration, this scale is ideal for bulk retail packs of seeds, spices, grains, pulses, powders, and granules.

With advanced control systems, robust mechanics, and stainless-steel construction, this unit ensures weight consistency, hygiene, and uptime in food, agricultural, and industrial packaging lines.



Key Features

- Precision Weighing for 0.5–2.5kg Packages
Ensures tight tolerance weighing using load cell-based dosing systems optimized for medium-sized fills.
- Modular Design for Flexible Operation
Can operate as a standalone semi-automatic unit or as part of a fully automated vertical or horizontal packing line.
- Intelligent Control Interface
PLC with HMI touchscreen allows operators to control dosing speed, target weight, product flow, and pack counts.
- Adaptable Product Compatibility
Handles a wide range of product types—granular, crushed, coated, or powdered—with interchangeable dosing modules.
- Durable, Food-Safe Construction
Made from AISI 304 stainless steel to meet hygiene, wash-down, and long-life operation requirements.

Applications

The ADDAMS 500g to 2500g Packing Scale is suitable for:

- Seeds – Sunflower, sesame, flax, vegetable seeds
- Pulses & Grains – Lentils, chickpeas, rice, quinoa, buckwheat
- Spices & Seasonings – Coarse spice blends, dried herbs
- Powders & Flours – Chickpea flour, rice flour, protein powder
- Granules & Crushed Products – Sugar, salt, animal feed ingredients

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Packaging formats supported:

- Pre-made bags
- Vertical form-fill-seal pouches
- Doypacks, pillow bags, gusseted bags
- Zip-locks and heat-seal bags

Why Choose ADDAMS Packing Scale – 500g to 2500g?

- Delivers high accuracy in mid-weight packaging ranges
- Offers fast, consistent weighing cycles with minimal product loss
- Designed to integrate with metal detectors, printers, and conveyors
- Built for industrial use with intuitive controls and low maintenance
- Compliant with international food safety and packaging standards

Technical Highlights

- Weight Range: 500g to 2500g
- Accuracy Tolerance: $\pm 1-3g$ (product dependent)
- Speed: 15–30 packs/min, depending on product and packaging type
- Dosing Types: Vibratory pan, auger, or cup filler (interchangeable)
- Material of Construction: AISI 304/316 stainless steel
- Control System: PLC + HMI touchscreen with multi-recipe memory
- Optional Features: Foot pedal, printer, gas flush, automatic bag placer

MODELS	DWS-1B1	DWS-1B1
Single Weighing Capacity	10-3000gr	10-3000gr
Avg. Weighing Accuracy	$\pm 1-5gr$ (depends on your product specifications)	
Weighing Speed	5-20 bags/min	5-25 bags/min
Hopper Capacity	5000 ml	5000 ml
Control Panel	7-inch Touch Screen	
Control System	MCS (Modular)	
Pre-set Programs	50	
Power	AC 220V $\pm 10\%$ 50Hz (60Hz)	
Drive System	Step Motor	
Frame Structure	304 Stainless Steel	
Packing Dimensions LxWxH	990x680x995mm	1500X720X1060mm
Gross Weight	220 kg	290kg