

B Series is Vitaro's cost-effective regular pedestal system for raised outdoor floors. With a traditional round-base heavy-duty design, it covers 20 mm to 260 mm across six models plus a 220 mm extender, making it ideal for price-sensitive projects, dealer assortments, and applications where a sturdy conventional appearance is preferred.

HEIGHT RANGE 20 – 260 mm (base models)	MATERIAL PP outdoor-grade	TOP / BASE φ140 / φ200 mm (plum-shaped / round)	CERTIFICATION SGS · CE RoHS · REACH
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1. Standard Models

MODEL	HEIGHT RANGE	PCS / CARTON	CARTON SIZE (CM)	CBM / CTN	GROSS WT. (KG)	UNIT WT. (G)
B-1	20 – 29 mm	160	70.0 × 37.5 × 48.0	0.126	7.00	122
B-2	29 – 42 mm	96	70.0 × 37.5 × 48.0	0.126	21.12	171
B-3	42 – 60 mm	64	70.0 × 37.5 × 48.0	0.126	22.38	294
B-4	60 – 105 mm	48	70.0 × 37.5 × 48.0	0.126	20.00	354
B-5	105 – 185 mm	32	70.0 × 37.5 × 48.0	0.126	17.30	464
B-6	165 – 260 mm	24	70.0 × 37.5 × 48.0	0.126	16.15	584
B-5-1 EXTENDED	230 – 390 mm	32	70.0 × 37.5 × 48.0	0.126	28.38	887
P-H-B220	220 mm (extender)	32	70.0 × 37.5 × 48.0	0.126	13.06	—

All B Series models share a common carton dimension for consistent palletization and container planning.

2. Technical Drawing & Key Dimensions



Fig. 1 — B Series pedestal structure and components

Key Dimensions (All B Models)

Head diameter (plum-shaped top)	φ140 mm
Base diameter (round)	φ200 mm
Spacer tab width options	2.0 / 3.0 / 4.0 / 5.0 / 8.0 mm
Material	Polypropylene (PP)
Color	Black (standard)
B-1 height range	20 – 29 mm
B-2 height range	29 – 42 mm
B-3 height range	42 – 60 mm
B-4 height range	60 – 105 mm
B-5 height range	105 – 185 mm
B-6 height range	165 – 260 mm
Extender option	220 mm (P-H-B220)

3. Load-Bearing Performance SGS CERTIFIED

B Series pedestals are tested by SGS with rated compression loads. As a cost-effective regular pedestal system, they deliver reliable structural performance for standard raised-floor applications. For application-specific test data and full SGS reports, please contact Vitaro directly.

B-1 / B-2 / B-3 — Short Models

Rated load 2,500 – 3,500 kg

B-4 / B-5 / B-6 — Mid-to-Tall Models

Rated load 2,500 – 3,500 kg

B-5-1 — Extended Range

Rated load 2,300 – 3,500 kg

* Load values based on SGS laboratory compression testing under controlled conditions. Actual performance may vary depending on installation, substrate, paver type, and environmental factors. Full test reports available upon request.

4. Container Loading Guide

MODEL	PCS / CARTON	CBM / CARTON	APPROX. CTNS / 40HQ	TOTAL PCS / 40HQ
B-1	160	0.126	530	~84,800
B-2	96	0.126	530	~50,880
B-3	64	0.126	530	~33,920
B-4	48	0.126	530	~25,440
B-5	32	0.126	530	~16,960
B-6	24	0.126	530	~12,720
P-H-B220	32	0.126	530	~16,960

* Theoretical capacity based on 40HQ internal dimensions 12032 × 2352 × 2698 mm and carton volume 0.126 CBM. Actual loading may vary depending on palletization, mixed-model composition, and weight limits. 20GP loading data and custom pallet plans available upon request.

5. Material & Structure

- ▶ Polypropylene (PP), outdoor-grade
- ▶ UV-resistant additive
- ▶ Weather, sea-salt & chemical resistant
- ▶ Tool-free rotary height adjustment
- ▶ Head: plum-shaped, φ140 mm
- ▶ Base: round, φ200 mm
- ▶ Integrated spacer tabs on head
- ▶ Lock ring for height locking

6. Compatible Accessories

- ▶ Spacer Tab — consistent paver gaps (2/3/4/5/8 mm options)
- ▶ Shim — fine leveling & anti-vibration
- ▶ Small / Big Joist Cradle — joist support
- ▶ Base Slope Corrector — up to ~5% slope compensation
- ▶ Wind Clip System — wind uplift resistance
- ▶ EPDM Rubber Pad — anti-slip & sound dampening
- ▶ Key Extension — tool-assisted height adjustment
- ▶ High-Speed Chuck — rapid rotary adjustment

7. Self-Leveling Variants

B Series supports both rubber-coated and all-plastic self-leveling heads for automatic slope compensation.

MODEL	HEIGHT RANGE	PCS / CTN	CARTON SIZE (CM)	GROSS WT. (KG)	HEAD TYPE & APPLICATION
XA-B-1	20 – 29 mm	160	70.0 × 37.5 × 48.0	7.00	XA — rubber-coated head · tile, stone, concrete pavers
XA-B-2	29 – 42 mm	96	70.0 × 37.5 × 48.0	21.12	XA — rubber-coated head · tile, stone, concrete pavers
XA-B-3	42 – 60 mm	64	70.0 × 37.5 × 48.0	22.38	XA — rubber-coated head · tile, stone, concrete pavers
XA-B-4	60 – 105 mm	48	70.0 × 37.5 × 48.0	20.00	XA — rubber-coated head · tile, stone, concrete pavers
— also available with XB plastic head —					
XB-B-1	20 – 29 mm	160	70.0 × 37.5 × 48.0	7.00	XB — plastic head · wood decking, timber, composite joists
XB-B-2	29 – 42 mm	96	70.0 × 37.5 × 48.0	21.12	XB — plastic head · wood decking, timber, composite joists
XB-B-3	42 – 60 mm	64	70.0 × 37.5 × 48.0	22.38	XB — plastic head · wood decking, timber, composite joists
XB-B-4	60 – 105 mm	48	70.0 × 37.5 × 48.0	20.00	XB — plastic head · wood decking, timber, composite joists

XA (rubber-coated) best for tile, stone & concrete pavers. XB (plastic) best for wood decking, timber & composite joists. Taller heights (B-5, B-6) also available with self-leveling — inquire for availability.

8. Applications

APPLICATION	COMMON MATERIALS	RECOMMENDED B MODEL
Rooftop terrace & balcony	Stone, porcelain tile, ceramic	B-1 / B-2 / B-3
Commercial plaza & public landscape	Granite, concrete paver	B-3 / B-4 / B-5
WPC decking on joists	WPC planks + aluminum/wood frame	B-1 / B-2 + Joist Cradle
Water feature & dry fountain	Stone, granite	B-3 / B-4
Stage & exhibition booth	Plywood, composite panel	B-1 / B-2
Wall & floor elevation	Any paver or panel	B-1 / B-2
Rooftop landscaping	Stone, pavers, decking	B-3 / B-4 / B-5
Sloped substrate	Any paver	XA-B / XB-B + Slope Corrector

9. Certifications & Compliance

STANDARD	SCOPE	STATUS
SGS	Load-bearing testing (B Series)	CERTIFIED
CE	EU market compliance	CERTIFIED
RoHS	Hazardous substance restriction	COMPLIANT
REACH	EU chemical regulation	COMPLIANT
Patent	Utility model: telescopic mechanism & top adjustment	GRANTED (CN)

10. Packing & OEM Options

Standard Packing

- Brown corrugated export carton
- Uniform carton size across all B models
- Palletized on fumigated wooden pallets
- Custom pallet plans per order composition
- PE bag inner wrapping available

OEM / Private Label

- Custom-branded carton available (MOQ applies)
- Neutral (white-label) packing standard
- Custom label / barcode support
- Custom pallet configuration

Ordering & Contact

Shandong Uno Industrial Co., Ltd.

Web: www.unoindustrial.cn

Email: bolton@unoindustrial.cn

Documents Available

Full SGS reports · Installation guide · Catalog

Project reference photos · Sample box pricing

Container & pallet loading plans

Disclaimer: This datasheet is for product reference. All specifications are subject to change without prior notice. Load-bearing values are based on SGS laboratory tests under controlled conditions; actual performance may vary depending on installation, substrate, and environmental factors. For the most current data, please contact Vitaro directly. © 2026 Shandong Uno Industrial Co., Ltd. All rights reserved.