

HE Series is Vitaro's export-grade multi-height adjustable pedestal system for raised outdoor floors. Designed with a clean SKU structure, the series covers 25 mm to 392 mm with just three base models and two extenders, making it ideal for overseas distributors, project contractors, and OEM partners.

HEIGHT RANGE 25 – 392 mm (base models)	MATERIAL PP + GF UV-stabilized	TEMPERATURE -40 to +120 °C	CERTIFICATION SGS · CE RoHS · REACH
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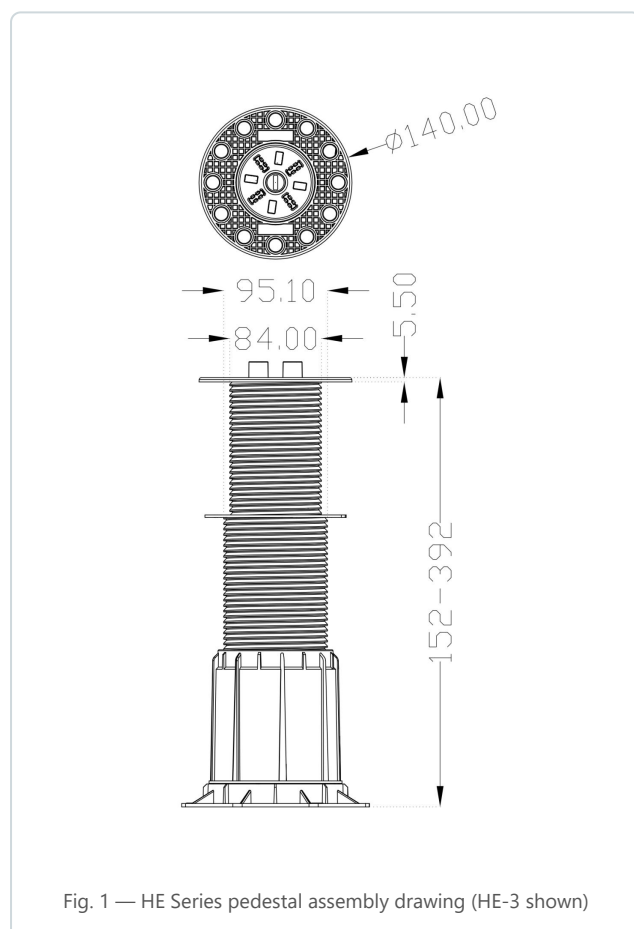
1. Standard Models

MODEL	HEIGHT RANGE	PCS / CARTON	CARTON SIZE (CM)	CBM / CTN	GROSS WT. (KG)	NOTES
HE-1	25 – 52 mm	36	52.5 × 35.0 × 19.5	0.036	6.80	SGS tested
HE-2	52 – 152 mm	36	52.5 × 35.0 × 32.5	0.060	13.09	SGS tested
HE-3	152 – 392 mm	18	52.5 × 35.0 × 47.0	0.086	11.44	SGS tested
P-H-H100	100 mm (extender)	18	38.5 × 35.0 × 26.0	0.035	3.07	Height extender
P-H-H150	150 mm (extender)	18	37.5 × 37.5 × 34.0	0.048	3.14	Height extender

2. Self-Leveling Variants

MODEL	HEIGHT RANGE	PCS / CTN	CARTON SIZE (CM)	GROSS WT. (KG)	HEAD TYPE
XA-HE-1	25 – 52 mm	36	52.5 × 35.0 × 19.5	6.80	XA — rubber-coated self-leveling head
XA-HE-2	52 – 152 mm	36	52.5 × 35.0 × 32.5	13.09	XA — rubber-coated self-leveling head
XA-HE-3	152 – 392 mm	18	52.5 × 35.0 × 47.0	11.44	XA — rubber-coated self-leveling head
XB-HE-1	25 – 52 mm	36	52.5 × 35.0 × 19.5	6.80	XB — plastic self-leveling head
XB-HE-2	52 – 152 mm	36	52.5 × 35.0 × 32.5	13.09	XB — plastic self-leveling head
XB-HE-3	152 – 392 mm	18	52.5 × 35.0 × 47.0	11.44	XB — plastic self-leveling head

3. Technical Drawing & Key Dimensions



Key Dimensions (All HE Models)

Head diameter	φ140 mm
Base (octagon, flat-to-flat)	171.5 mm
Base (octagon, corner-to-corner)	184.0 mm
Head height (top section)	5.5 mm
Spacer tab width	2.0 mm
HE-1 height range	25 – 52 mm
HE-2 height range	52 – 152 mm
HE-3 height range	152 – 392 mm
Extender options	100 / 150 mm

4. Load-Bearing Performance SGS CERTIFIED

Tested by SGS at 5 mm/min compression speed on full, half, and quarter head surface areas. Tests conducted at 40 mm (HE-1) and 140 mm (HE-2 & HE-3, measured on threaded section). Values represent maximum load before structural failure. Full test reports available upon request.

HE-1



HE-2



HE-3



5. Container Loading Guide

MODEL	PCS / PALLET	PALLETS / 40HQ	TOTAL PCS / 40HQ	PALLET HEIGHT (MM)
HE-1	2,340	22	51,480	2,340
HE-2	1,440	22	31,680	2,330
HE-3	540	22	11,880	2,480
P-H-H100	1,458	20	29,160	2,470
P-H-H150	1,134	20	22,680	2,650

* Based on 40HQ internal dimensions 12032 × 2352 × 2698 mm. 20GP loading data available upon request. Mixed-model container plans can be provided based on order composition.

6. Material & Structure

- ▶ PP (polypropylene) + 10% glass fiber
- ▶ UV-resistant outdoor-grade additive
- ▶ Weather, sea-salt & chemical resistant
- ▶ Temperature range: -40 °C to +120 °C
- ▶ Tool-free rotary height adjustment
- ▶ Head diameter: 140 mm
- ▶ Octagonal base: 171.5 mm (flat-to-flat)
- ▶ Spacer tabs integrated on head

7. Compatible Accessories

- ▶ Spacer Tab — consistent paver gaps
- ▶ Shim — fine leveling & anti-vibration
- ▶ Joist Cradle (P-2-2) — aluminum/wood joist support
- ▶ Slope Adjuster (P-4-1) — up to ~5° slope compensation
- ▶ Slope Adjusting Plate (P-4-2)
- ▶ Metal Clamp (P-6-1) — edge fixing
- ▶ Windproof System (P-7-1, plastic)
- ▶ Metal Wind-resistant Nail (P-7-3)
- ▶ Connection Rod (P08) — structural linking

8. Applications

APPLICATION	COMMON MATERIALS	RECOMMENDED HE MODEL
Rooftop terrace & balcony	Stone, porcelain tile	HE-1 / HE-2
Commercial plaza	Granite, concrete paver	HE-2 / HE-3
WPC decking on joists	WPC planks + aluminum frame	HE-1 / HE-2 + Joist Cradle
Water feature & dry fountain	Stone, granite	HE-2 / HE-3
Hotel & poolside area	Porcelain, anti-slip tile	HE-1 / HE-2 / XA series
Roof insulation & PV support	Insulation panel, PV frame	HE-2 / HE-3
Exhibition & temporary stage	Plywood, composite panel	HE-1 / HE-2
Sloped substrate	Any paver	XA-HE / XB-HE + Slope Adjuster

9. Certifications & Compliance

STANDARD	SCOPE	STATUS
SGS	Load-bearing & environmental testing (HE-1, HE-2, HE-3)	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
- 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 (EN) · Catalog

Project reference photos · Sample box pricing

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.