

F Series is Vitaro's compact, low-profile adjustable pedestal line designed for thin-deck applications — balcony pavers, pool surrounds, exhibition flooring, and indoor-outdoor transitions. Five interlocking models cover 20–185 mm with tool-free rotary height adjustment, SGS-certified load performance, and uniform 30 pcs/ctn packing across the entire series.

HEIGHT RANGE

**20 – 185**

mm (5 models)

MATERIAL

**PP + GF**

UV-stabilized

TEMPERATURE

**-30 to +80**

°C

CERTIFICATION

**SGS · CE**

RoHS · REACH

### 1. Standard Models

|                                                                                     | MODEL      | HEIGHT RANGE | PCS / CTN | CARTON SIZE (CM)   | CBM / CTN | GROSS WT. (KG) |
|-------------------------------------------------------------------------------------|------------|--------------|-----------|--------------------|-----------|----------------|
|   | <b>F-A</b> | 20 – 29 mm   | 30        | 55.0 × 32.0 × 12.0 | 0.021     | 6.00           |
|  | <b>F-B</b> | 29 – 42 mm   | 30        | 55.0 × 32.0 × 20.0 | 0.035     | 7.00           |
|  | <b>F-C</b> | 42 – 60 mm   | 30        | 54.0 × 32.0 × 27.0 | 0.047     | 8.00           |
|  | <b>F-D</b> | 60 – 105 mm  | 30        | 54.0 × 32.0 × 36.0 | 0.062     | 9.00           |
|  | <b>F-E</b> | 105 – 185 mm | 30        | 54.0 × 32.0 × 58.0 | 0.100     | 11.80          |

## 2. Technical Drawing & Key Dimensions

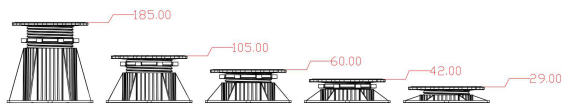


Fig. 1 — F Series pedestal assembly drawing

### Key Dimensions (All F Models)

|                     |                  |
|---------------------|------------------|
| Head diameter       | Ø 140 mm         |
| Base outer diameter | Ø 150 mm         |
| Height adjustment   | Tool-free rotary |
| Spacer tab width    | 2.0 mm           |
| F-A height range    | 20 – 29 mm       |
| F-B height range    | 29 – 42 mm       |
| F-C height range    | 42 – 60 mm       |
| F-D height range    | 60 – 105 mm      |
| F-E height range    | 105 – 185 mm     |

## 3. Load-Bearing Performance SGS CERTIFIED

Tested by SGS at 5 mm/min compression speed on full surface and quarter surface areas. Test conducted at 140 mm height (F-E model, threaded section). Values represent maximum load before structural failure. Full test reports available upon request.

### F Series (All Models)

Full surface **2,200 kg**

Quarter surface **1,400 kg**

## 4. Container Loading Guide

| MODEL | CTNS / 40HQ | TOTAL PCS / 40HQ | TOTAL CBM | TOTAL GROSS (KG) |
|-------|-------------|------------------|-----------|------------------|
| F-A   | ~3,210      | 96,300           | 67.4      | 19,260           |
| F-B   | ~1,930      | 57,900           | 67.6      | 13,510           |
| F-C   | ~1,440      | 43,200           | 67.7      | 11,520           |
| F-D   | ~1,090      | 32,700           | 67.6      | 9,810            |
| F-E   | ~680        | 20,400           | 68.0      | 8,024            |

\* Based on 40HQ internal dimensions 12032 × 2352 × 2698 mm (~76 CBM usable). 20GP loading data available upon request. Mixed-model container plans can be provided based on order composition.

## 5. Material & Structure

- ▶ PP (polypropylene) + 10% glass fibre
- ▶ UV-stabilised outdoor-grade additive
- ▶ Weather, sea-salt & chemical resistant
- ▶ Temperature range: -30 °C to +80 °C
- ▶ Tool-free rotary height adjustment
- ▶ Compact one-piece stackable body
- ▶ Head diameter: Ø 140 mm
- ▶ Base outer diameter: Ø 150 mm
- ▶ Spacer tabs integrated on head
- ▶ Uniform 30 pcs/ctn across all 5 models

## 6. Compatible Accessories

- ▶ Spacer Tab — consistent paver gaps (2/3/4/5 mm)
- ▶ Shim Plate — fine-level correction ±1–2 mm
- ▶ Joist Cradle — aluminium/WPC/wood joist support
- ▶ Slope Corrector — up to 3% substrate slope
- ▶ Rubber Base Pad — anti-vibration, protects membrane
- ▶ Rubber Anti-Slip Pad — stability & noise reduction
- ▶ Metal Clamp — anchors pedestal on sloped surfaces
- ▶ Wind Clip — prevents paver lift in high-wind zones
- ▶ Corner Tab — four-corner paver alignment

## 7. Applications

| APPLICATION              | COMMON MATERIALS           | RECOMMENDED MODEL | KEY ACCESSORY                |
|--------------------------|----------------------------|-------------------|------------------------------|
| Balcony / Thin deck      | Porcelain tiles            | F-A / F-B         | Spacer Tab + Slope Corrector |
| Residential terrace      | Stone / Porcelain pavers   | F-C / F-D         | Spacer Tab                   |
| Pool surround            | Anti-slip tiles            | F-C               | Rubber Base Pad              |
| Water feature            | Natural stone slabs        | F-D / F-E         | Metal Clamp                  |
| WPC / Wood decking       | Composite / Timber joists  | F-B / F-C         | Joist Cradle                 |
| Exhibition / Stage floor | Plywood / Composite panels | F-A / F-B         | Joist Cradle                 |
| Green roof               | Pavers over vegetation     | F-C / F-D         | Rubber Base Pad              |
| Commercial plaza         | Granite / Concrete pavers  | F-D / F-E         | Slope Corrector              |

## 8. Certifications & Compliance

| STANDARD | SCOPE                                           | STATUS    |
|----------|-------------------------------------------------|-----------|
| SGS      | Load-bearing & environmental testing (F Series) | CERTIFIED |
| CE       | EU market compliance                            | CERTIFIED |
| RoHS     | Hazardous substance restriction                 | COMPLIANT |
| REACH    | EU chemical regulation                          | COMPLIANT |

## 9. Packing & OEM Options

---

### Standard Packing

- Brown corrugated export carton
- Uniform 30 pcs/ctn across all 5 models
- Qty labelling and product sticker included
- Pallet + stretch wrap on request

### OEM / Private Label

- Custom-branded carton available (MOQ applies)
- Neutral (white-label) packing standard
- Custom label / barcode support
- Full container orders preferred; LCL available

### Ordering & Contact

#### Shandong Uno Industrial Co., Ltd.

Web: [www.unoindustrial.cn](http://www.unoindustrial.cn)

Email: [bolton@unoindustrial.cn](mailto:bolton@unoindustrial.cn)

Tel: +86 137 0616 9967

#### Documents Available

Full SGS test reports · F Series Catalog

Installation guide (EN) · Project reference photos

Sample box pricing · Container 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. Product images are for illustration purposes only. For the most current data, please contact Vitaro directly. © 2026 Shandong Uno Industrial Co., Ltd. All rights reserved.