

## BOXMOBIL OS7000

The free-standing shading system consists of two TENDABOX BX3000 cassette awnings mounted on robust steel support columns. An extruded aluminium hood, positioned above the units, closes the gap between them for a seamless appearance. Each column is anchored in floor sleeves, creating a stable, fully free-standing structure. The awnings can be extended or retracted independently or operated together for flexible shading control.

Each unit features a one-piece U-shaped protective cassette (179 x 145 mm) made of extruded aluminium with a groove for sealing brushes, concealing and protecting the mechanism. Cast aluminium side covers are designed to accept galvanised steel roller shafts (ø 78 or ø 85 mm) and secure the folding arms.

Key load-bearing components, including the rotary flanges, side covers, and pivoting forks, are manufactured from high-quality cast aluminium alloy. Operation may be motorised or manual via a precision bevel gearbox with integrated stop and removable crank handle (in white, grey or black). Sizes up to 600 cm include S534 folding arms, and from 600 cm or with Volant-Plus, BX330 folding arms are used. Folding arms are built from extruded aluminium profiles with internal tension springs, stainless steel cables, and precision joints, ensuring smooth motion and long-lasting durability.

The front rail is extruded aluminium, available in rounded (98 x 131 mm) or square (98 x 131 mm) designs with matching plastic end caps. A hexagon socket screw system in the mounting flanges allows for continuous inclination adjustment between 5°–25° (with gearbox) or 5°–35° (with motor).

All aluminium and cast components are powder-coated to façade quality standards for superior colour stability, UV resistance, and weather durability. All visible screws are stainless steel. The high-quality fabric covers from the STOBAG collection are made from solution-dyed acrylic cloth and sewn with TENARA® thread, provide excellent tensile strength, colourfastness, UV protection, and long service life.

### Options

#### **Roller tube screen**

Provides visual protection for the roller shaft and is fastened to the box profile.

#### **Volant-Plus**

An integrated drop screen located in the front rail, operated by crank.

#### **Drive options**

Either manual operation via a precision 4.6:1 bevel gearbox with integrated stop and removable crank handle, or motorised operation using 120 VAC, 60 Hz tubular motors with electronic limit switches and integrated radio receivers (RTS). Motorised systems are equipped with electro-mechanical brakes, thermal protection, and 3-wire conductor cables, with water protection rating IP44.

#### **Fabric**

Cover made of acrylic fabric (price group 1), color-fast, high UV protection, water and dirt repellent from the STOBAG Collection.

This combination of precision engineering, premium materials, and versatile operation makes the BOXMOBIL OS7000 free-standing awning system a durable, elegant, and highly adaptable shading solution.