



Product Description of the Uhlmann Type TLx Umbrellas

These GIANTS of the world of umbrellas are not only striking in their dimensions, but offer high wind stability, durability that last way passed their warranty. Ranging from 450 to 850 square feet, they are large enough to cover and entire patio and provide a shady oasis from the elements. Used mainly in commercial environment, these umbrellas are very cost effective.

Adjacent square or rectangular umbrellas can be linked with rain gutters to cover extremely large areas. Multiple methods of permanent installations ensure easy and safe operation. With our large selection of optional accessories the perfect “weather shade” can be created.

Our canopies provide an eye catching focal point in any environment. They are designed to be stylish from the most elegant to the most casual setting, and to match and complement any decor.

The Frame

- Powder coated aluminum profiles resists peeling, chipping, rusting and oxidation to remain maintenance free and permanently appealing.
- High grade materials used in the frame ensure longevity, high wind stability and trouble free operation.
- Strong mast with reinforced arms assures the strength and stability of the frame.
- All the joints are manufactured from the highest quality stainless steel.
- All roof and supporting arms are individually replaceable for easy serviceability.
- Adjustable main arms assure taught canopies and easy installation and removal of the canopies.
- White powder coating (RAL 9016) is standard. Optional RAL colors and wood finishes are also available.

The Mechanics

- The Uhlmann telescopic umbrella design, with cranked lever operation, is exceptionally strong that ensures high wind stability and durability.
- The telescopic part moves on high density plastic bearing, and guided to prevent rotation or twisting.
- The telescopic system is designed with a special spindle lift.
- The roofing arms are mounted individually to the slider plate. The slider is connected to the telescope with 2 stainless steel wires.
- The supporting arms are also individually bolted to the slider plate and could be replaced easily.
- The telescope and the slider are moving together, enabling the very easy operation of the umbrella.
- A maintenance free gearbox is built into the mast.
- The largest umbrellas can be made to fold up above the tables without disturbing their contents.
- Even the largest umbrellas can be easily and safely operated.

- All umbrellas can be pre-wired for up to 4 light fixtures and 4 infrared heaters.
- All the wiring runs inside the mast.

The Drive

- The drive crank handle locks the spindles automatically in every opening/closing position, to prevent accidental opening or closing of the umbrella.
- The cranking handle is removable for ecstatic and safety reasons.

The Canopy

- Available with or without valances in two high quality materials with excellent characteristics
- Dolan (or Sunbrella) material is a strong awning and marine grade material, 100% solution dyed Sunacrylic fabric in 22 standard and 50 plus specialty colors
- Airtex fabric is Acrylic/Teflon on top side, a lighter weight material in 28 standard colors,
- Both materials stand up exceptionally against harsh weather conditions for many years. The fabric will not stretch or shrink, have excellent resistance to wind tear-outs, repel dirt and resist fading. They are moisture resistant, but "breath" to provide extra cooling effect.

Optional Accessories

- Gutters to provide continuous shade or rain protection (applied to umbrellas with or without valances)
- Easy to add/remove side panels with optional transparent windows and roll-up doors
- Energy saving infrared heaters with extreme shock resistant heater elements,
- mounted on fold down arms, using curly cables
- Light fixtures, - complete with energy efficient, long lasting lamps, are mounted on roof arms
- Screen printing on roof sections or valances
- Protective covers for shipping and storing

Installations

- Permanent installation for new constructions or for existing concrete surface
- Custom solutions for permanent installation on roof tops and terraces
- Stair step solution to bring umbrellas installed on different levels to the same height
- Portable bases are not recommended for TLx umbrellas because the counter weight required makes the use of portable base impractical. However they can still be used under special circumstances



Contact us at www.uhlmann-giantumbrellas.com