



### Frame

Umbrella spokes are made of rectangular aluminium sections of 40x20x3 mm. The mast is made of a round aluminium section of 100x3 mm in diameter. The aluminium telescope has section dimensions of 80x3 mm. The top plate and the crown are made with U-profiles out of aluminium to house the struts. All parts are screwed together and the frame is powder coated (Polyester powder ca. 80 µ).

- \_ White RAL 9010 (standard)
- \_ Black RAL 9005
- \_ Silver RAL 9006

### Mechanics

The gearbox and the spindle are contained in the centre pole and can be operated by handle or using a motor.

### Stands

- \_ Mobile base with space for 4 or 8 concrete blocks
- \_ Steel plate
- \_ Ground tube with integrated water pipes
- \_ Foldable adapter
- \_ Steel ground pin
- \_ Support plate

### Cover

The cover is made up of individual segments which are screwed to the frame by Sterling Steel hooks at the top and by rust-proof screws at the ends of the spokes. The cover is replaceable and is fade, light and water resistant. It is designed to withstand all weather conditions.

#### MDT-tex® 200

(100% polyester fabric with acrylic coating).  
Mass ca. 220 g/m<sup>2</sup>, water column pressure over 500 mm

#### MDT-tex® 200FR

(100% polyester dual-sided acrylic coating). Mass ca. 260 g/m<sup>2</sup>, water column pressure over 700 mm, flame retardant up to DIN U102-B1, California T-19.

### Print

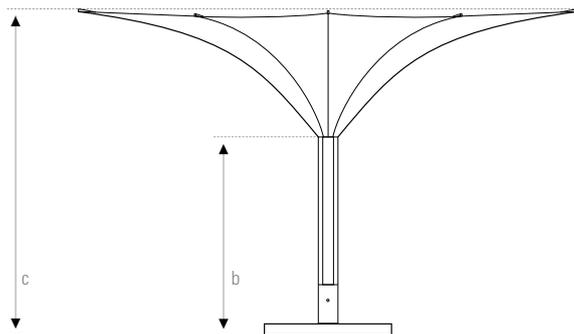
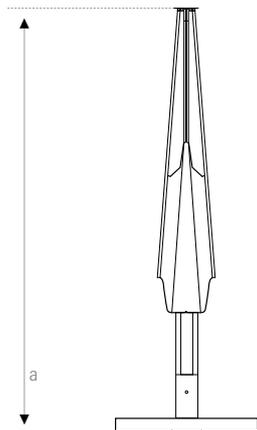
- \_ Digital print
- \_ Screen print
- \_ Dispersion dye print

### Advantages

- \_ Opens and closed by hand
- \_ All materials are water and corrosion resistant
- \_ All parts attached by screws
- \_ Maintenance-free gear box
- \_ Possible with lights and heating
- \_ Cover zip allows for easy replacement
- \_ Easy installation with the foldable adapter
- \_ Water can be drained below ground level for permanent installations
- \_ Safely handles winds up to 60 km/h (with the proper bases)
- \_ All mechanical and electric construction units are checked by TÜV Germany

### Accessories

- \_ Various lighting options
- \_ Transport case
- \_ Protective sleeve with telescopic pole
- \_ Event Platform and MDT Flex-Bar
- \_ Electric engine for opening and closing (also available with wind-watchers)
- \_ Top cover (net or heater)



**Dimensions are in meters**

\*all measurements are rounded



4 x 4



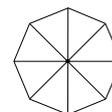
5 x 5



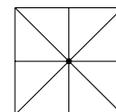
ø 4



ø 5



ø 6



6 x 6

**Mass**

Umbrella with packaging (kg)	80	85	78	81	86	120
Umbrella without packaging (kg)	65	70	63	66	71	110
Frame (kg)	60	65	58	60	64	102
Cover (kg)	5	5	5	6	7	8

**Dimensions of closed umbrella**

a: Closed height (cm)	435	435	435	435	475	475
b: Height of Plexiglas cover (cm)	175	168	175	168	195	195

**Dimensions of open umbrella**

c: Opened height (cm)	335	335	335	335	370	370
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**Packaging dimensions**

Dimensions of cardboard packaging (cm)	45x45x4500	45x45x4500	45x45x4500	45x45x4500	45x45x4750	45x45x4750
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**Accessories**

Hinged adaptor (*1)	Type 100	Type 100	Typ 100	Type 100	Type 100	Type 100
400kg frame base (*2)	Type 100/5016	Type 100/5016	Type 100/5016	Type 100/5016	-	-
Ground tube with water pipe (*3)	Type 100E	Type 100E	Type 100E	Type 100E	Type 100E	Type 100E
Steel plate stand (*4)	Type 100/200	Type 100/400	Type 100/200	Type 100/400	-	-
Protective sleeve size	XL	XL	XL	XL	XL	XL
Lighting	4x8W	4x8W	4x8W	4x8W	4x8W	4x8W

