



Frame

Umbrella spokes are made of rectangular aluminium sections of 30x20x2 mm. The mast is made of a round aluminium section of 60 mm in diameter. The aluminium telescope has section dimensions of 30x30x2 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 tension mechanism of the umbrella is operated by an aluminium handle that controls an inner pulley system.

Stands

- _ Frame base with four concrete blocks (120 kg total)
- _ Steel plate (120 kg)
- _ Ground tube
- _ Core drilling and ram-pin
- _ Support plate
- _ Screw foundation

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 and can be ordered with valances.

MDT-tex® 200

(100% polyester fabric with acrylic coating). Mass ca. 220 g/m², water column pressure over 500 mm

MDT-tex® 220FR

(100% polyester dual-sided acrylic coating). Mass ca. 260 g/m², water column pressure over 700 mm, flame retardant up to DIN U102-B1, California T-19

MDT-tex® 300FR

(100% acrylic fabric). Mass ca. 300 g/m², water column pressure over 350 mm.

Print

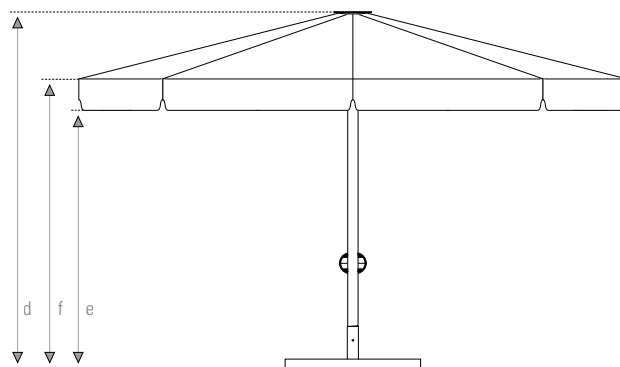
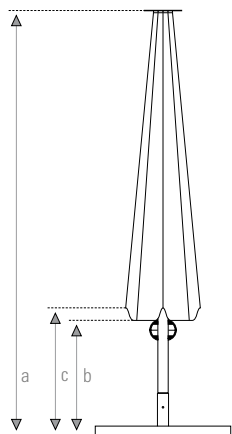
- _ Digital print
- _ Screen print
- _ Dispersion dye print

Advantages

- _ Open and closes with a double-handle pulley system
- _ All materials are resistant to the effects of water corrosion
- _ Telescopic pole allows the umbrella to open and close above table height
- _ Pulley system is fully integrated in the mast
- _ Full aluminium umbrella
- _ Electric cables are hidden from sight within four chamber column inside the centre mast
- _ Optional heating and lighting
- _ Designed to withstand wind speeds up to 100 km/h (with the proper ground anchorage)
- _ All mechanical and electric construction units are checked by TÜV Germany

Accessories

- _ Various lighting possibilities
- _ Transport case
- _ Protective sleeve with a telescopic pole
- _ Event Platform and MDT Flex-Bar
- _ Heaters
- _ Speakers
- _ Rain gutter to connect adjoining umbrellas
- _ Cloth side walls with doors or windows
- _ Cabling is housed within the central mast



Dimensions are in meters

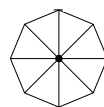
*all measurements are rounded



3 x 3



ø 3



ø 4

Mass

Umbrella with packaging (kg)	34,6	35	38,6
Umbrella without packaging (kg)	30	31	34,6
Frame (kg)	27	28	31
Cover (kg)	3	3	3,6

Dimensions of closed umbrella

a: Closed height (cm)	388	390	390
b: Distance from valance to ground (cm)	149	162	113
c: Distance from spokes to ground (cm)	176	189	140

Dimensions of open umbrella

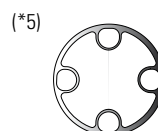
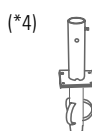
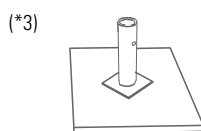
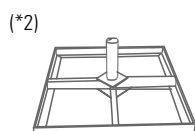
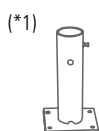
d: Opened height (cm)	304	340	285
e: Distance from valance to ground (cm)	218	190	170
f: Distance from spokes to ground (cm)	245	217	197

Packaging dimensions

Total length (cm)	388	250	250
Dimensions of cardboard packaging (cm)	30x30x300	30x30x300	30x30x300
Length of mast extruding from box (cm)	88	90	90

Accessories

Adaptor (*1)	Type 060	Type 060	Type 060
Frame base (*2)	Type 060/505	Type 060/505	Type 060/505
Steel plate stand (*3)	Type 060/120	Type 060/120	Type 060/120
Ground tube (*4)	Type 060	Type 060	Type 060
Protective sleeve size	S	XS	S
Lighting	4x8W	4x8W	4x8W
Heating	2x1500W	2x1500W	2x1500W
Mast profile (*5)	x	x	x



08/09

