

EMBRACE THE OUTDOORS

MDT-TEX BRAND

MDT - THE COMPANY

MDT-tex®

Membranes & Structures

ABOUT MDT

MDT-TEX BRAND

IN SHORT:

**MDT DESIGNS, MANUFACTURES AND SUPPLIES
INNOVATIVE, HIGH-QUALITY SUN PROTECTION
SYSTEMS, MEMBRANE CONSTRUCTIONS, AND
CUSTOM-MADE PRODUCTS FOR TEXTILE
OUTDOOR ARCHITECTURE TO CUSTOMERS ALL
OVER THE WORLD**

THE COMPANY CARRIES OUT THE ENTIRE
PRODUCTION PROCESS IN ITS OWN MODERNIZED
FACTORIES AT INTERNATIONAL LOCATIONS.
THIS GUARANTEES HIGHEST QUALITY FOR
INNOVATIVE PRODUCTS AND ENSURES ABSOLUTE
SUPPLY SECURITY

OUR LOCATIONS

MDT-TEX BRAND

Germany,
Switzerland, Latvia,
USA, Australia

❶ GERMANY

HARDHEIM

- Headquarter
- Aluminum, steel and textile
- Storage
- General and Static engineering
- National and International Sales
- Key Account Management
- Research & Development

❷ SWITZERLAND

TÄGERWILEN

- Design and Development
- 3D individuell textile formfinding software
- Architecture and innovations
- International Sales
- Key Account Management

❸ LATVIA

RIGA

- Aluminum, textile production
- Product design
- Prototyping / 3d printing
- Powder coating

❹ USA

TYRONE, GA

- International Sales
- Key Account Management
- Supply chain mangagement
- Storage

❺ AUSTRALIA

FREMANTLE

- International Sales
- Key Account Management
- Storage

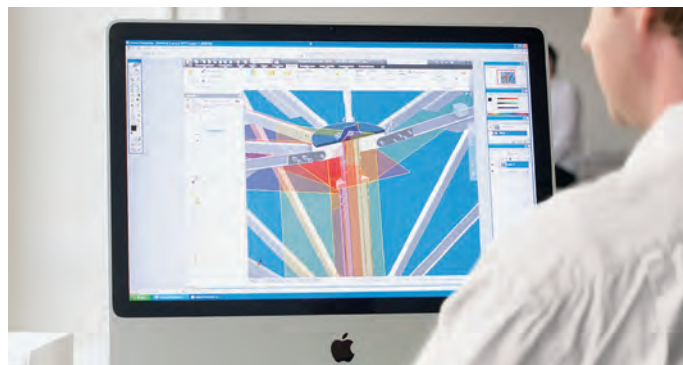


Expertise in PRODUCTION

FROM
MANUFACTURE
TO
**SYSTEM
PROVIDER**

MDT-TEX BRAND

CONSTRUCTION & ENGINEERING



Autodesk Inventor



3D printer



Rapid Prototyping / 3D printer

METALWORKS



CNC Metalworking



Aluminum welding robot



Extrusions

CUTTING AND PREFABRICATING



Textile layer machines



Automated sewing machine



CNC textile cutter

**ALL PRODUCTION STEPS
ARE CARRIED OUT IN OUR
IN-HOUSE FACILITY,**

FOR OPTIMUM QUALITY,
INDEPENDENCE
AND AVAILABILITY.

Expertise in PRODUCTION

FROM
MANUFACTURE
TO
**SYSTEM
PROVIDER**

MDT-TEX BRAND

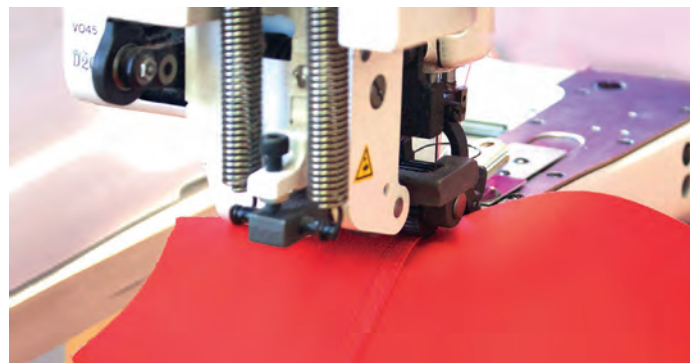
SEWING AND WELDING



Sewing center



Special sewing machine

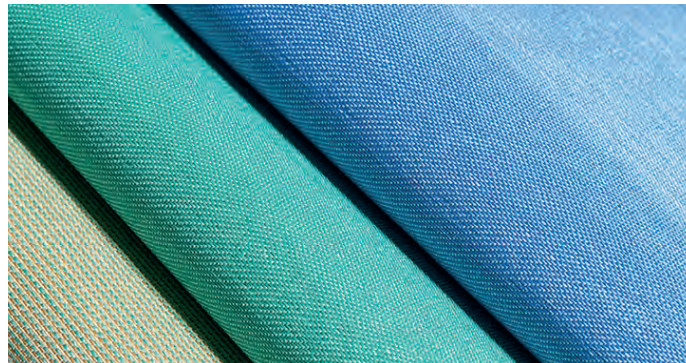


Ultrasonic textile welder

TEXTILE PRODUCTION, WEAVING



PTFE loom



Coloured PTFE fabric

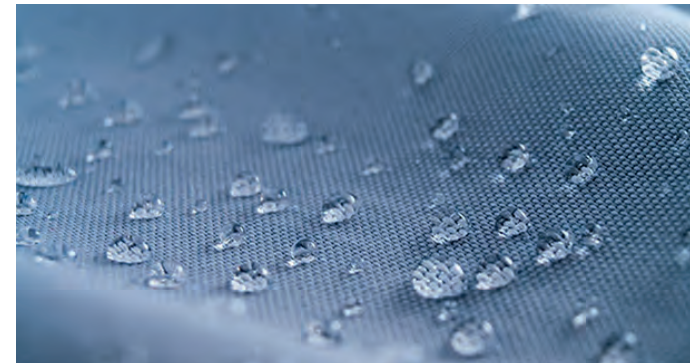


Textile diversity

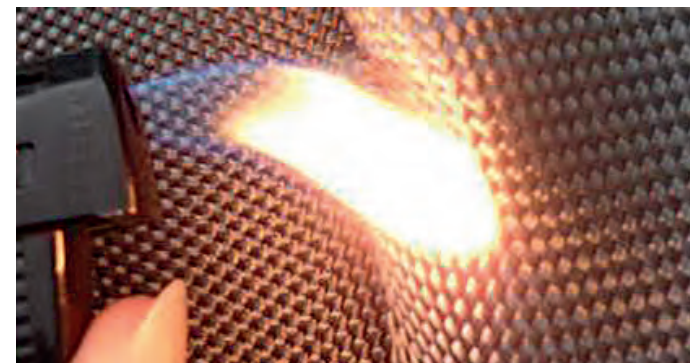
PRINTING AND COATING



Digital printing machine



Water resistant coating



Flame-retardant coating

LOGISTICS AND ASSEMBLING



2x25 to overhead cranes



Final assembly with 30m span Wire



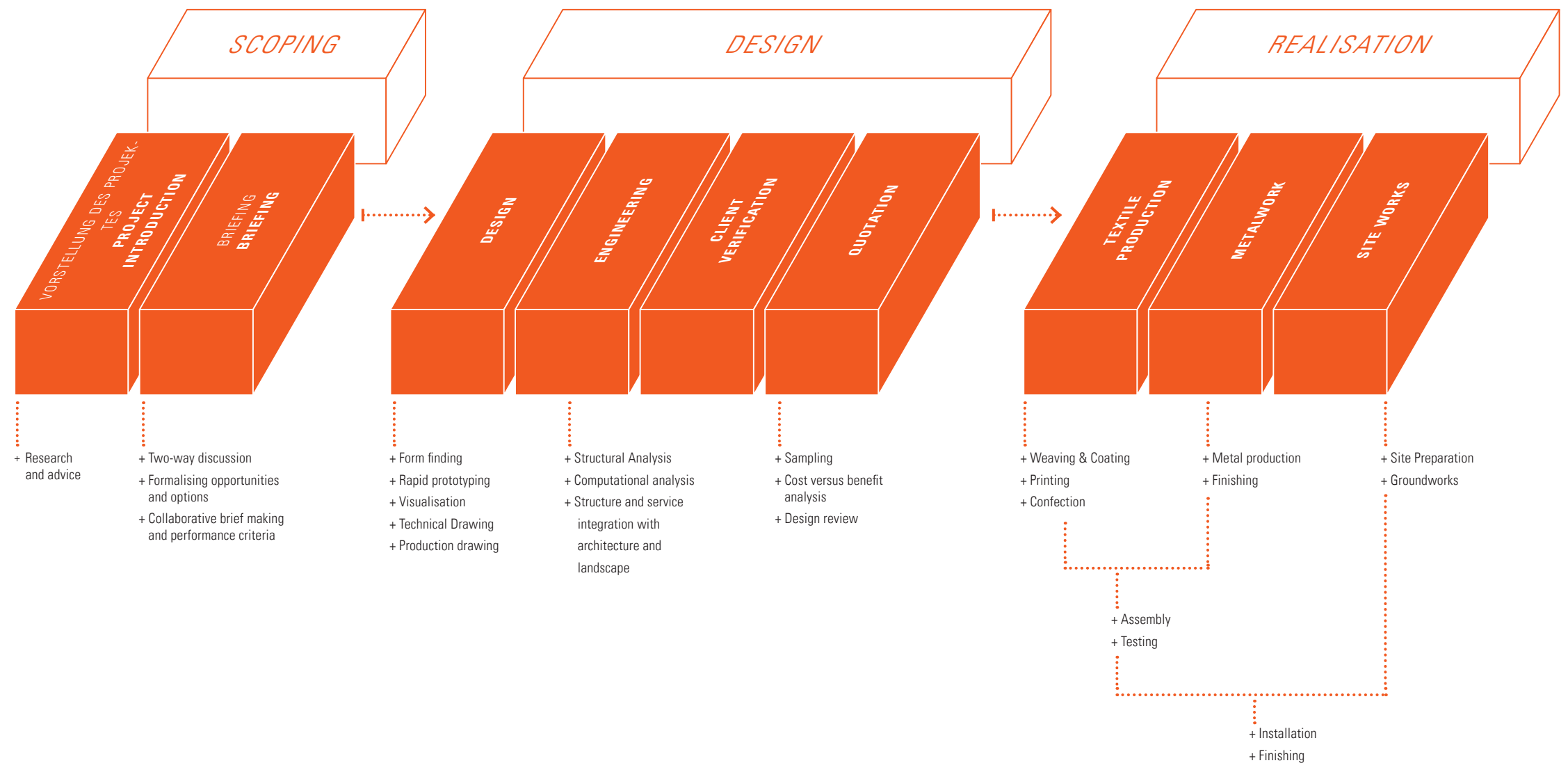
Wireless Warehouse-Concept

Expertise in COMPLETION

MDT-TEX BRAND

THE STEPS TO YOUR SUCCESS

THE MDT-TEX DESIGN DEVELOPMENT



Business SEGMENTS

MDT-TEX BRAND

RESTAURANTS
OUTDOOR GASTRONOMY
URBAN DESIGN SOLUTIONS
PUBLIC PLACES
ARCHITECTURAL PROJECTS
TEMPORARY EVENTS



Restaurant Refettorio Munich

RESTAURANTS

MDT-tex umbrellas create an atmospheric outdoor environment for Bars, Restaurants and Hotels and suit ambitious and individual design solutions.



Maincafe, Frankfurt a. Main

OUTDOOR GASTRONOMY

For gastronomic licensees we can offer attractive solutions for the extension of their outdoor space and revenue-driven hospitality areas.



Village square Pill, Austria

URBAN DESIGN SOLUTIONS

Community and urban solution may have a great impact on marketing oriented events as well as on social interaction for public.



Market Car Place, Youghal, Ireland

PUBLIC PLACES

The extension of usable space to the outdoors creates new possibilities of interaction, independent of the weather – people meeting people.



Meeting House Square, Dublin, Ireland

ARCHITECTURAL PROJECTS

As we plan and deliver ready-for-use textile outdoor architecture we serve as an efficient and competent partner for architects, which enables them to focus on their core business.



Furniture fair Milan

TEMPORARY EVENTS

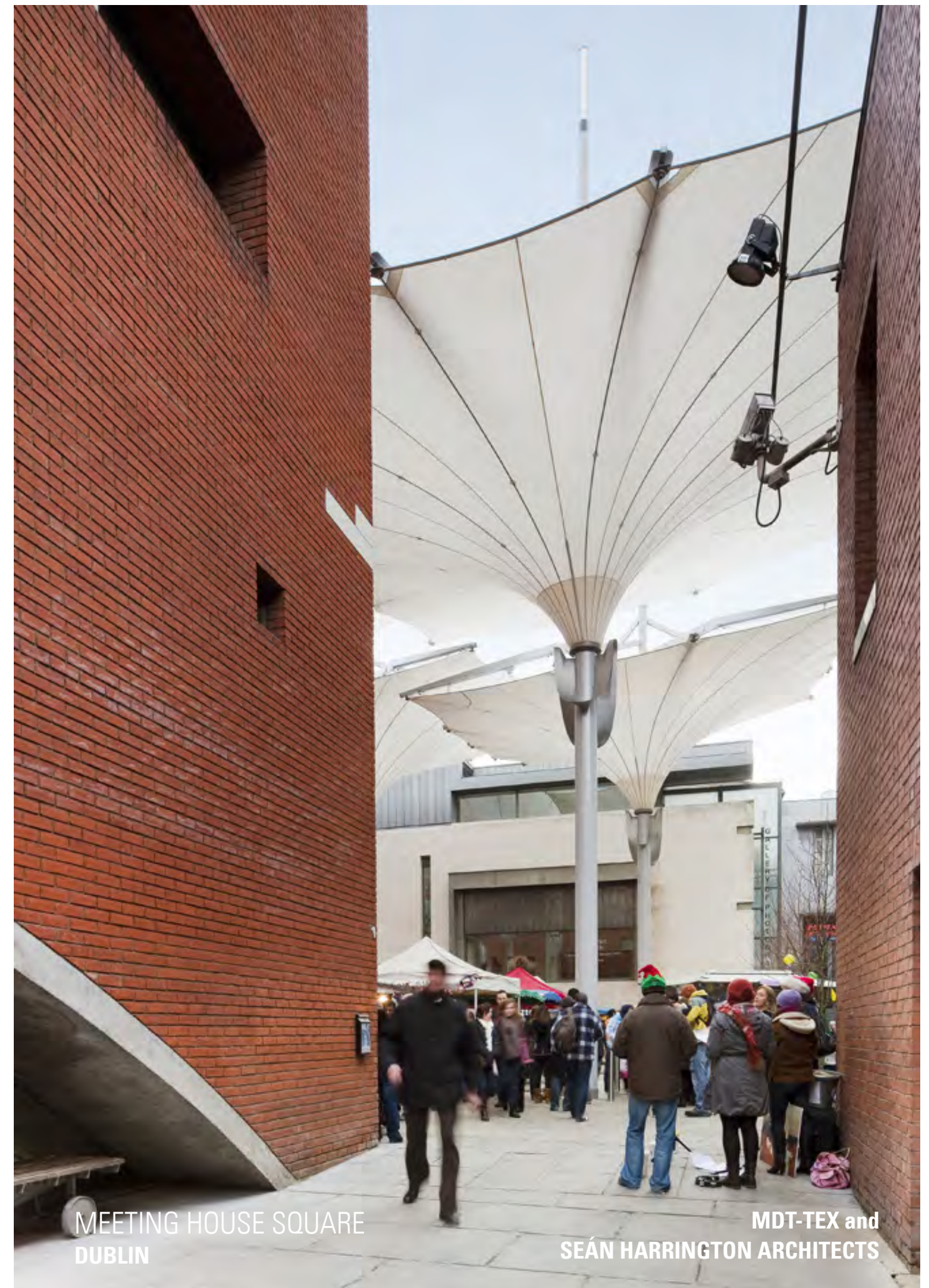
High-quality tulip and double-membrane umbrellas are available for temporary events exclusively at MDT-tex. They serve as a highlight for a series of events, such as the Expo Milano.

Business COLLABORATION

MDT-TEX BRAND

**MDT-TEX HAS BECOME
THE IDEAL PARTNER FOR THE
CONVERSION FROM INDIVIDUAL,
TAILOR-MADE AND
VISIONARIES ARCHITECTURE
AND SCENERY PROJECTS**

INTERNATIONAL ARCHITECT'S
OFFICES LIKE
**GRIMSHAW (UK),
UNSTUDIO (NL),
MAX DUDLER (CH, D) OR
ATELIER OI (CH)**
PROVE THE SUCCESSFUL
COOPERATION THROUGH THE
TOGETHER REALIZED PROJECTS.



MEETING HOUSE SQUARE
DUBLIN

MDT-TEX and
SEÁN HARRINGTON ARCHITECTS

MDT PRODUCTS

FROM
STANDARD
TO
**LARGE SCALE
& CUSTOM**
PRODUCTS

MDT-TEX BRAND



TYPE EV
TENSILATION

This new, strong and extra-lightweight canopy system covers an indefinite amount of space with flexible configurations. Available in three shapes and equipped with a modular flooring, it is extremely fast to erect.



TYPE TS, TH, THK & E
USE OF ENERGY

Both Type E and T umbrellas may be equipped with solar cells, which make mobile charging of smart-phones and other functions possible. Further developments include water storage and cooling systems.



TYPE H
WOODEN UMBRELLA

Wooden umbrellas are still considered as being one of the most elegant umbrellas with a nostalgic flair. Every single piece is handcrafted from high-quality, sustainable eucalyptus wood.



TYPE S7/16, EH, AVH & SAH
M-HOME

The home collection is the one to be used for private clients. Basically the sizes of the standard umbrellas have been reduced.



TYPE G, S & T
ALUMINIUM UMBRELLAS

Our telescopic umbrellas, which are available in either square, rectangular or round configurations, offer safe sun and rain protection for both single events and permanent installations.



TYPE E
TULIP UMBRELLAS

By their elegant and textile design tulip umbrellas transform each occasion into a special one. Extendable by free choice of color, lighting and even scent.



TYPE SA
SIDEARM UMBRELLAS

This model perfectly suits the needs of modern exteriors. Due to its space-saving design, open space is created by subtracting the mast from the covered area. Ideal for terraces and balconies for example.



TYPE AV
DOUBLE MEMBRANE UMBRELLAS

Double-membrane umbrellas combine high-tech with stylistic elements. Internal lighting and clad bonded system allows the customer to connect multiple umbrellas to form a closed roof.

MDT PRODUCTS

FROM
STANDARD
TO
**LARGE SCALE
& CUSTOM**
PRODUCTS

MDT-TEX BRAND



TYPE SHT
SHADE STRUCTURES- TULIP

A permanent sun protection, which places the emphasis on an extraordinary design. Perfectly suitable for permanent use due to high wind stability.



TYPE SHP
SHADE STRUCTURES- PAGODE

The pagoda configuration is something special. It is wind stable and recommended to be used permanently. This model is also available as a double-skinned shade structure.



TYPE SP
DOUBLE MEMBRANE CONSTRUCTION

This model has a surrounding rain gutter as well as an integrated drain. It is perfectly suitable as a permanent installation.



TYPE ET
DESIGN UMBRELLAS

This elliptical 'goblet' shade structure is tensioned by cables. It is designed for permanent use and additionally has an opening for cleaning of the drainage.



TYPE GC
UMBRELLA BAR

Known as Apres-Ski-Bars in many winter-sport areas, these bars suit catering for many patrons. Also the gastro concept is suitable within smaller dimensions.



TYPE SE
SAIL CONSTRUCTIONS

Two standard configurations include: a 4-point sail and an arch. Both can be used for indoor and outdoor events such as tradeshow, exhibitions and concerts.



TYPE TENT
TENT

The tent is designed for large events, access from all sides. The base has a modular structure and serves as sub-construction.



TYPE SEA
RETRACTABLE SAILS

This sail is suitable for roofing of terraces, playgrounds and public places, cafes, as access from either side is open.

MDT-TEX BRAND

PRODUCTS

STANDARD PRODUCTS
UP TO **6 M**





TYPE S16

Home range

2,5 m up to 4 m



reddot award 2018
best of the best





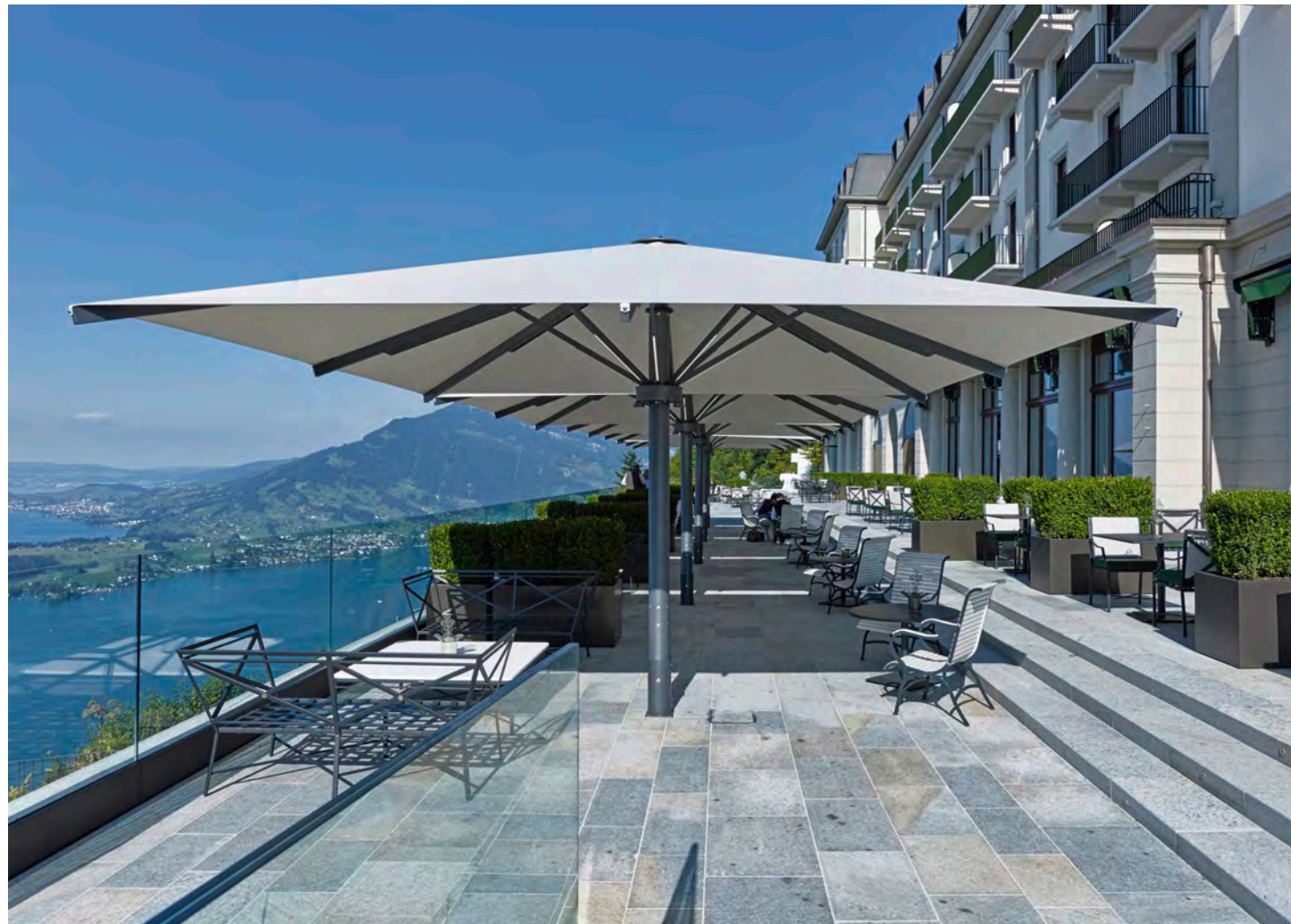


TYPE E
Tulip

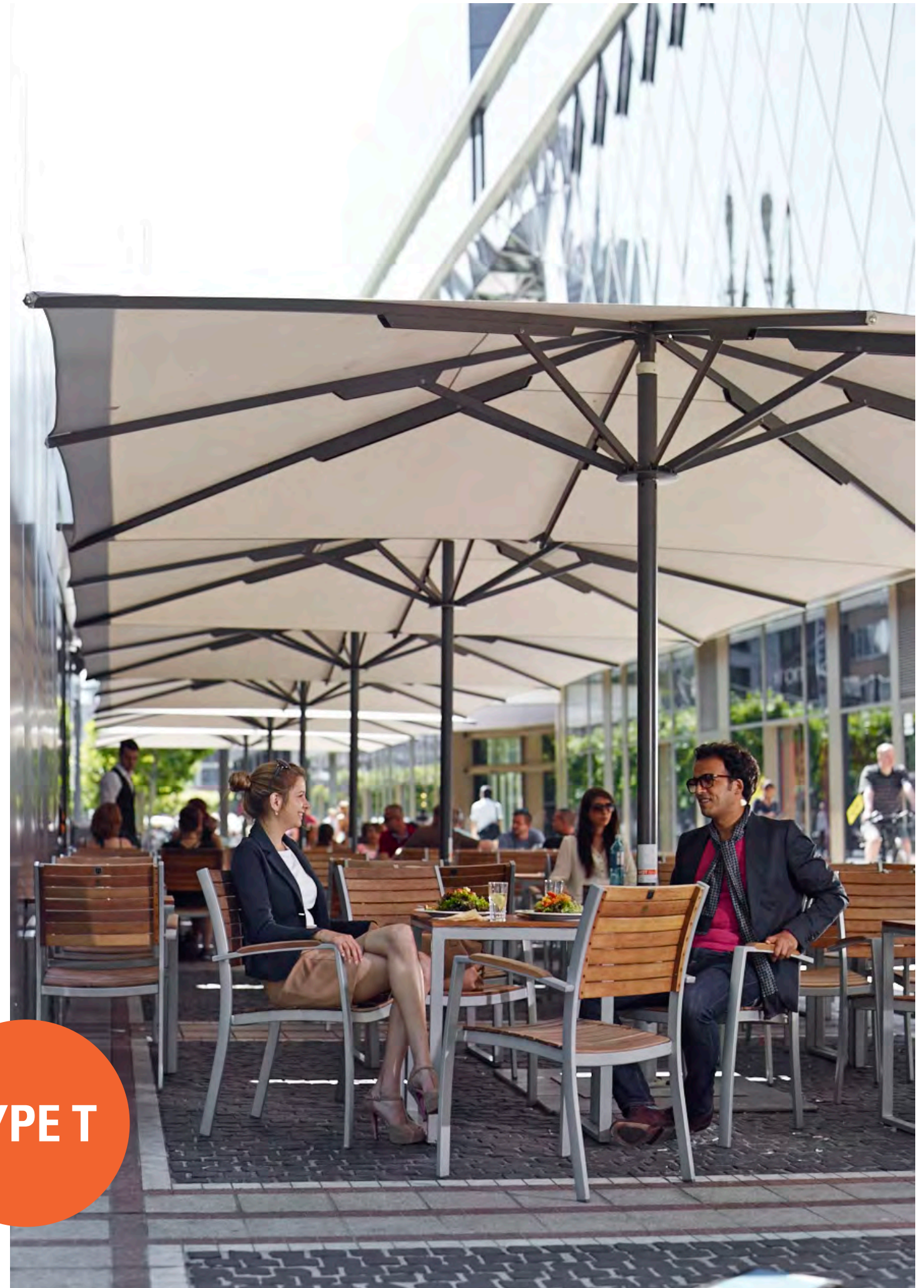




TYPE E
Tulip



TYPE T









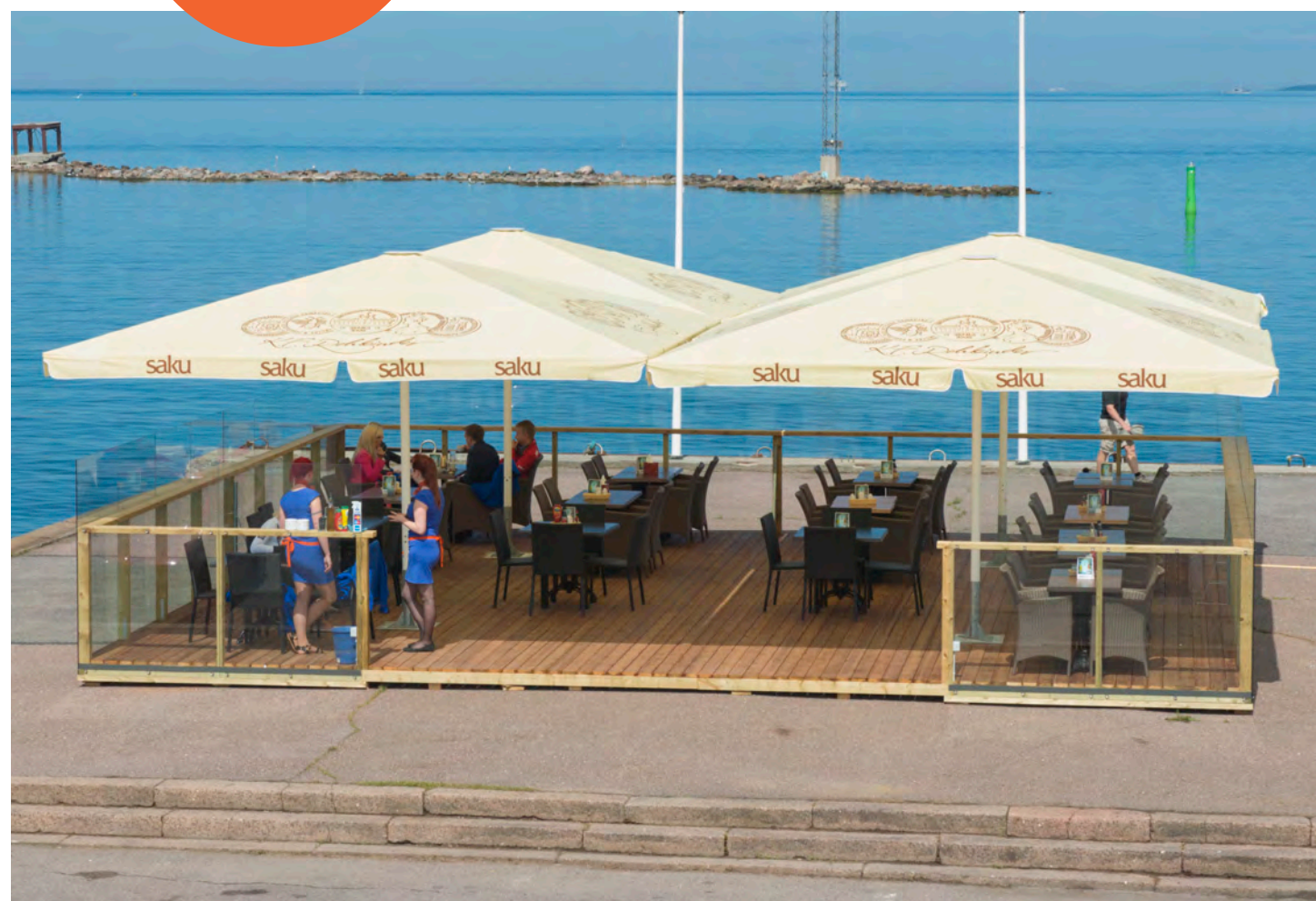
TYPE SA
Side Arm



TYPE S



TYPE H
Wooden





TYPE AV
Double
canopy



TYPE SH
Shade
Structure



PÄDAGOGISCHE HOCHSCHULE
ZÜRICH, SWITZERLAND

MDT-TEX and
MAX DUDLER ARCHITECTS

MDT-TEX BRAND

TEXTILE ARCHITECTURE

**LARGE SCALE
AND
CUSTOM PROJECTS**



TYPE EB
Cirrus
System

AMSTERDAM LIGHT FESTIVAL

EYE BEACON 2016
— THE NETHERLANDS

**MDT-TEX and
UNSTUDIO**



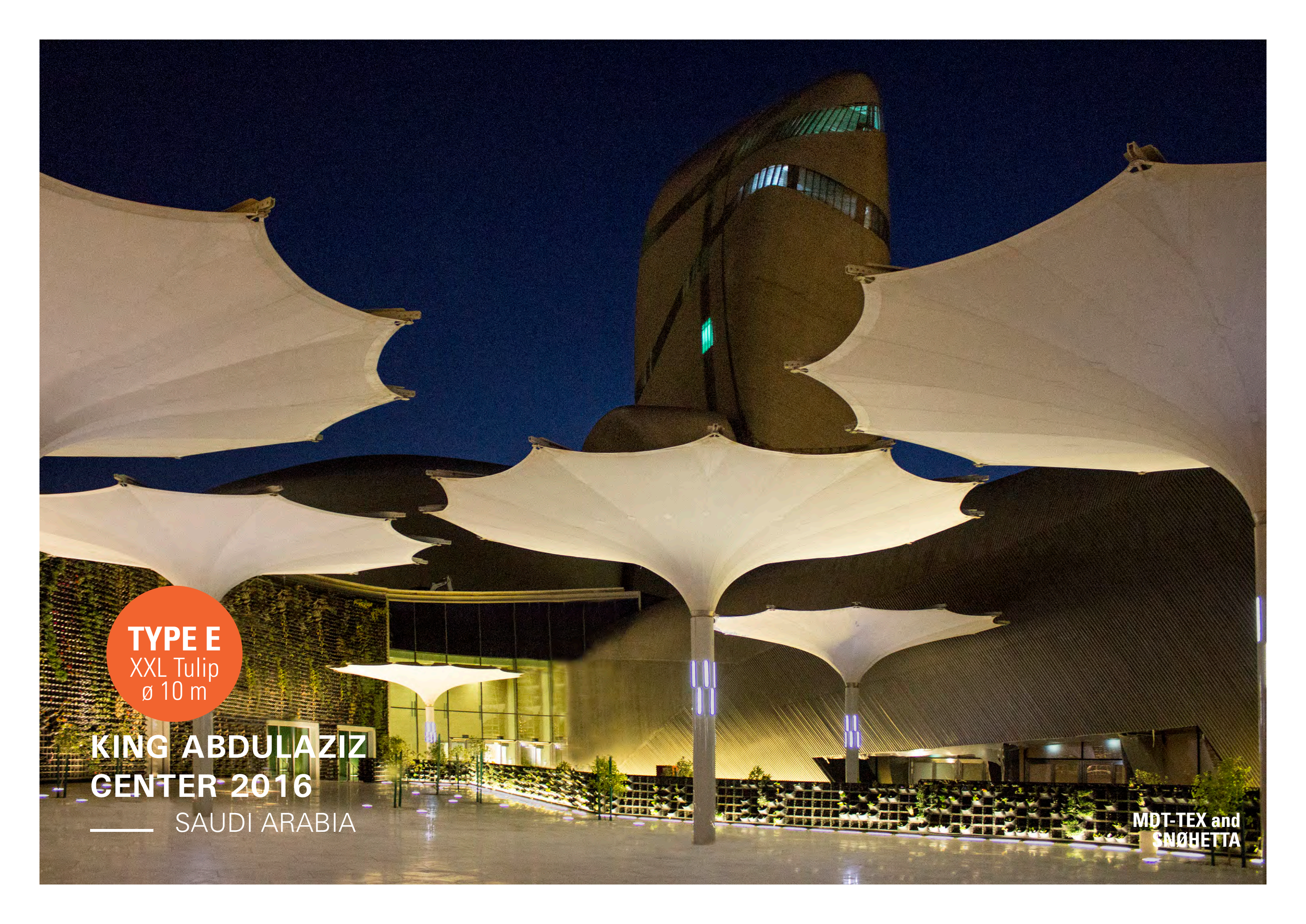
TYPE PA
Cirrus
System

TECHTEXTIL LIVING IN SPACE

PROTOTYPE II 2017

— FRANKFURT AM MAIN

**MDT-TEX and
UNSTUDIO**



TYPE E
XXL Tulip
ø 10 m

**KING ABDULAZIZ
CENTER 2016**

SAUDI ARABIA

MDT-TEX and
SNØHETTA



TYPE E

XXL Tulip
11 x 14 m

**MEETING HOUSE
SQUARE 2012**

DUBLIN

**MDT-TEX and
SEÁN HARRINGTON ARCHITECTS**



TYPE EI
5.1 - 5.7 m

LE SHOP
STUDEN 2012
SWITZERLAND

MDT-TEX and
ATELIER OI ARCHITECTS

MDT-TEX BRAND

SUSTAINABILITY

**SOLAR ENERGY AND
WATER HARVESTING**



TYPE SCP
Solar Carport
5.3 x 5.3 m

Symmetric SOLAR CARPORT

FIXED
Structure



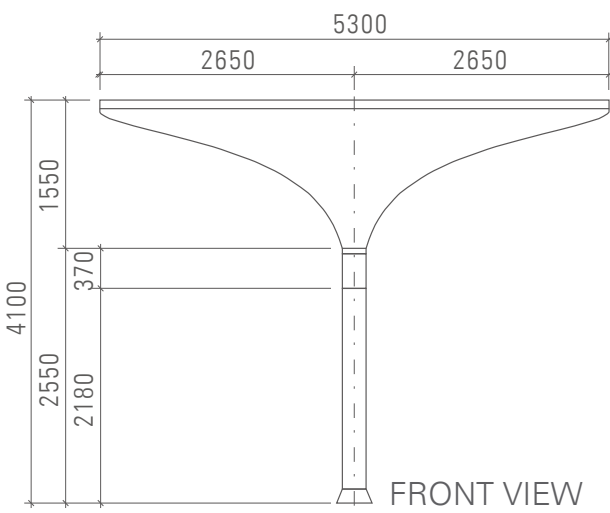
TULIP-SHAPED SHADE STRUCTURE

In a new development the tulip-shaped shade structures are transformed into solar ports capable of harvesting solar-energy and rainwater.

The 5.3 x 5.3 m square structure having central mast can serve as shelter for two cars. Given its modular design, several structures can be placed next to each other in a linear or group configuration.

DIMENSIONS

STRUCTURE	Fixed, steel construction with asymmetric mast and photovoltaic modules above the membrane
MEMBRANE	PVC 650 g/sq.m
FOUNDATION	1.8 x 1.8 x 1.8 m Reinforced concrete

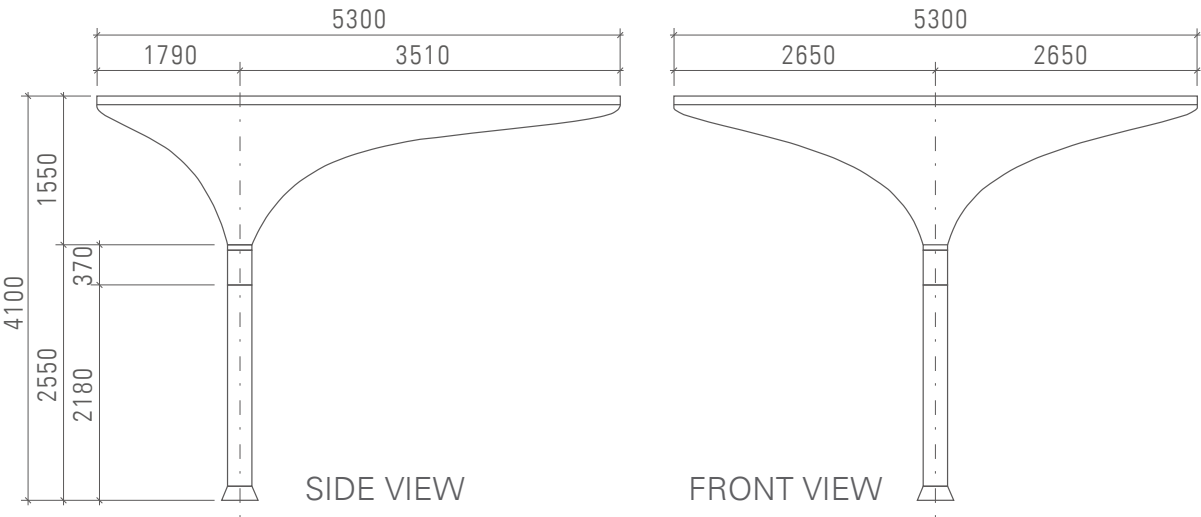


DIMENSIONS ARE IN MILLIMETERS
*all measurements are rounded

Asymmetric SOLAR CARPORT

FIXED
Structure

DIMENSIONS

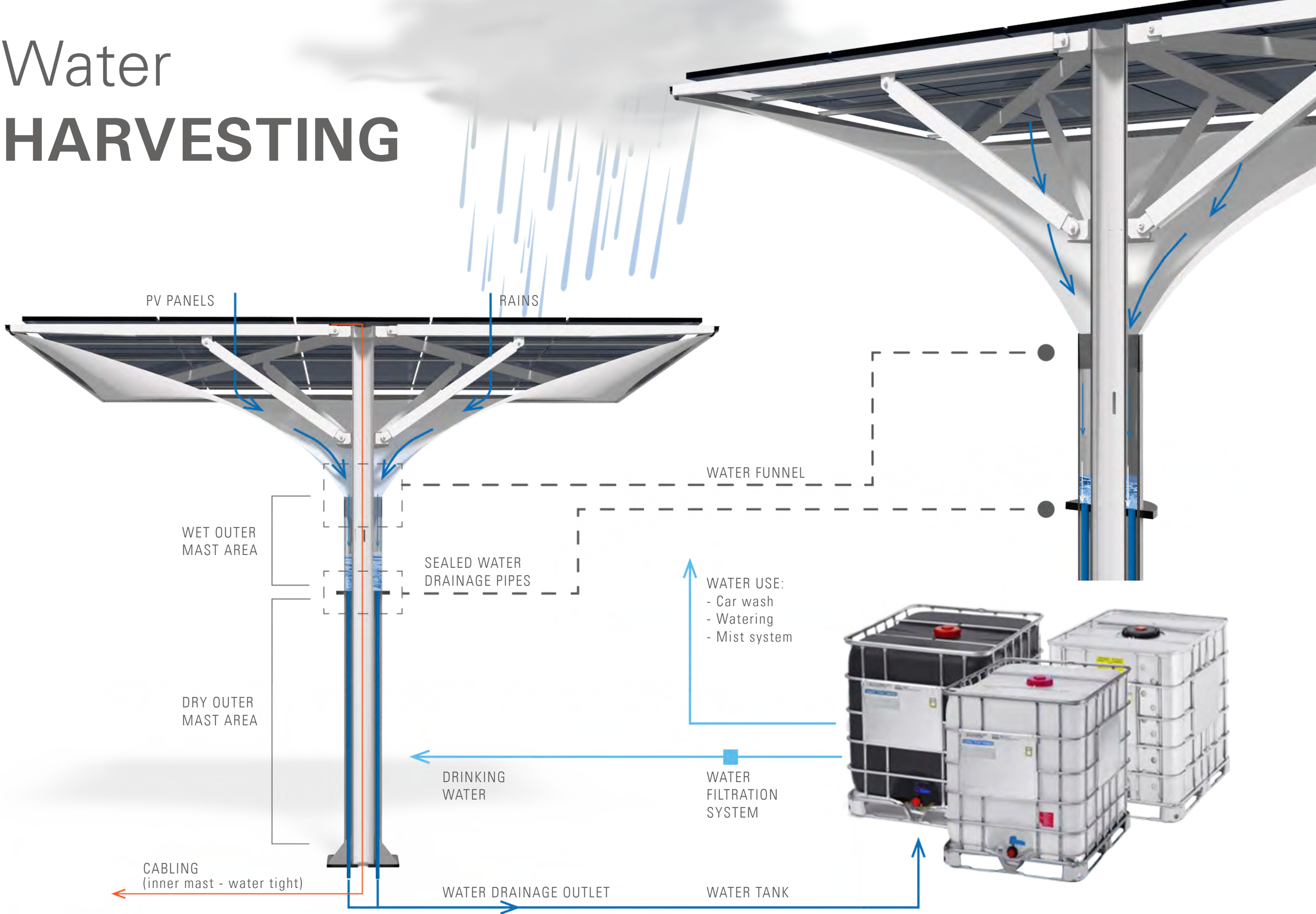


DIMENSIONS ARE IN MILLIMETERS
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- STRUCTURE** Fixed, steel construction with asymmetric mast and photovoltaic modules above the membrane
- MEMBRANE** PVC 650 g/sq.m
- FOUNDATION** Reinforced concrete, 1.8 x 1.8 x 1.8 m



Water HARVESTING





TYPE E
Solar Umbrella
3 m and 4 m

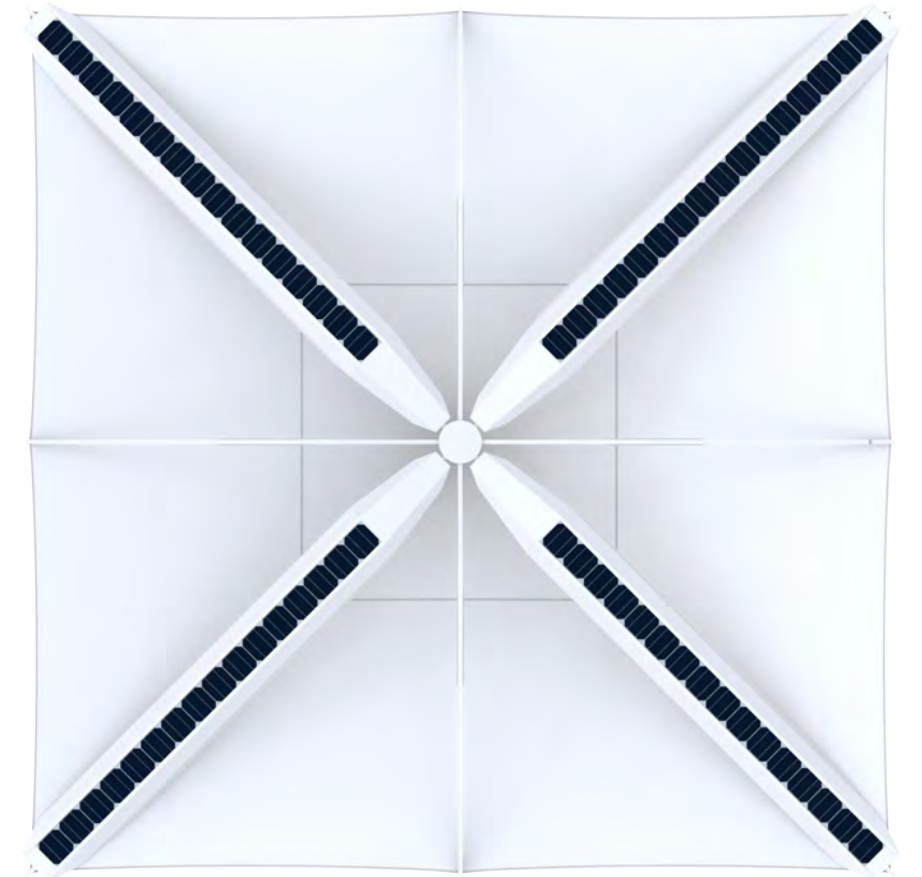
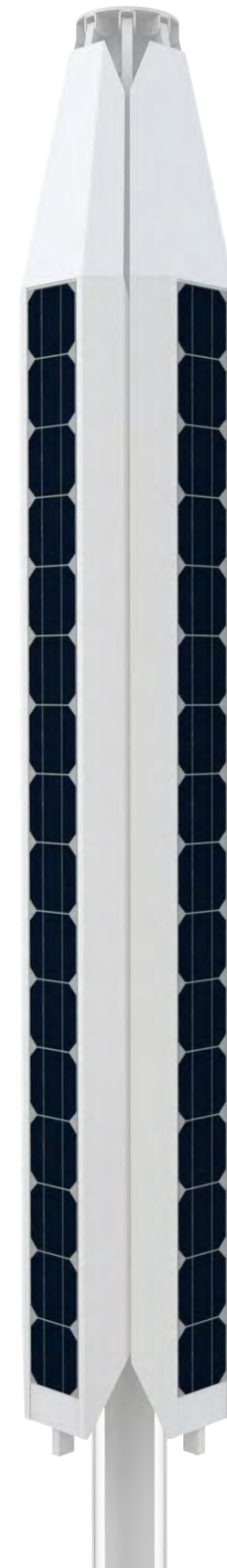
SOLAR UMBRELLA

FOLDABLE
Structure



SOLAR UMBRELLA

FOLDABLE
Structure



MDT-TEX BRAND

For more information see
www.mdt-tex.com