



MPowering the
World

OUR PRODUCTS

COMPOSITE PROFILES
(I,U,L,O,etc.)

PIPES, TUBES AND MASTS

LIGHTING POLES

UTILITY POLES

FLAG POLES

TELECOM POLES

PRESSURE VESSELS

SPECIAL PRODUCTS
(CUSTOMER REQUIREMENT)

ADVANCED COMPOSITE
(CARBON/ARAMID)



MİTAŞ COMPOSITES

Manufacturing
Engineering & Design



 MİTAŞ COMPOSITES
mitascomposites.com

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ABOUT US

Mitaş Composites operates in its modern factory (closed area of 18.000 m² on a total area of 30.000 m²), located in Ankara, Turkey. The facility provides services to all its customers by working on innovative composite products with its experienced staff in design, production and assembly, environmentally friendly technology, R&D and quality laboratory. High-quality and capacity computer-aided machines are used in our manufacturing processes. All the supporting operations from winding until the end product can be done by the CNC machines within the facility. The facility is capable of using not only glass but also advanced fibers like carbon and aramid together with polyester and epoxy resins. In the facility there is also a pultrusion lines which enables to produce any kind of cross sections up to 1000x600 mm continuously.

OUR TECHNOLOGY

- Filament Winding -1: 4 Axis 2 Spindles L=14m, Φ_{max} = 1000 mm
- Filament Winding -2: 3 Axis L=12 m, Φ_{max} = 1000 mm
- Filament Winding -3: 4 Axis Servo Creel L=6 m, Φ_{max} = 800 mm
- Filament Winding -4: 4 Axis 3 Spindles L=4 m, Φ_{max} = 750 mm
- Pultrusion Line-1: Linear, Radius, Pull-Winding
- Pultrusion Line-2: Linear
- CNC Cutting, Drilling & Grinding Station
- 2 Resin Forms (Polyester & Epoxy)
- 20 tons Extractor
- Gelling Stations
- 4 Curing Ovens
- Auxiliary Equipment

PRODUCTION METHODS

- FILAMENT WINDING
- LINEAR PULTRUSION
- RADIUS PULTRUSION
- PULL-WINDING





Pipes,
tubes and
Masts

Composite
Launcher

Linear
Pultrusion

Composite
Profiles

Pull-Winding
Methods

Advanced
Composites
(Carbon/Aramid)

Composite
POLES

Radius
Pultrusion

