

# 01

ŞABLON / TEMPLATE



YAŞ  
AGE



GERİ DÖNÜŞÜM  
RECYCLE



DENGE  
BALANCE



TIRMANMA  
CLIMBING



ZIPLAMA  
JUMPING

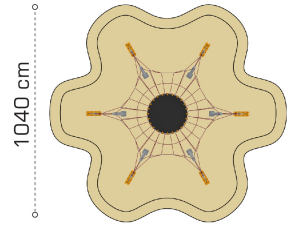
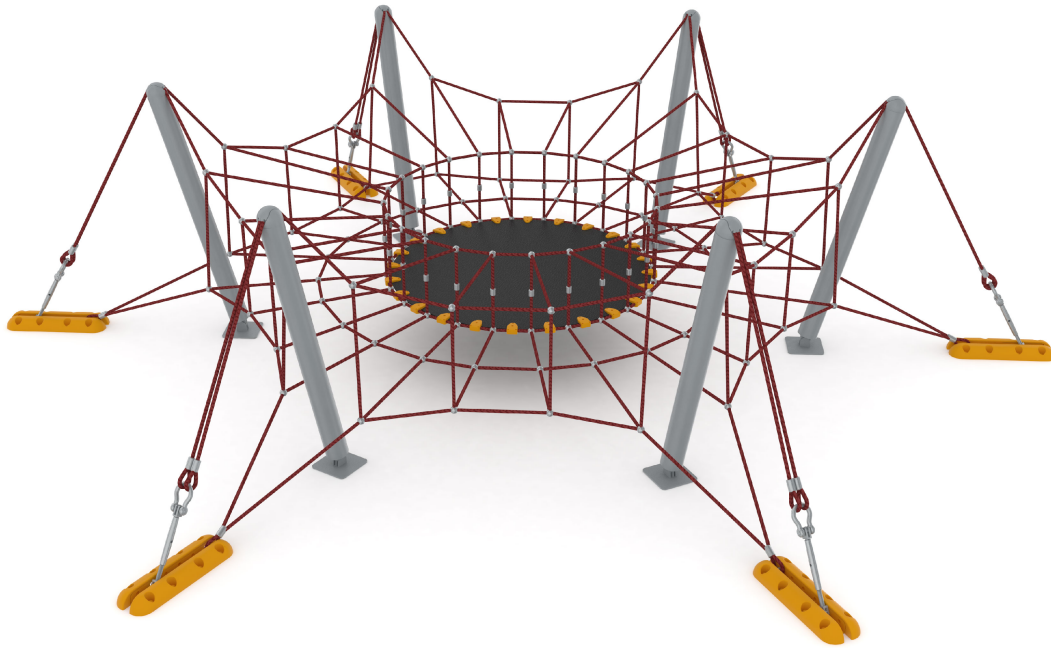


DÜŞME YÜKSEKLİĞİ  
FALL HEIGHT



KAPASİTE  
CAPACITY

# Cemer®

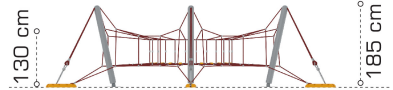


1040 cm

1135 cm

BETON / GÜVENLİK ALANI  
CONCRETE / SAFETY AREA

640 cm



YAN GÖRÜNÜŞ  
SIDE VIEW

ZEMİN ÇİZGİSİ  
GROUND LINE

735 cm



ÖN GÖRÜNÜŞ  
FRONT VIEW

ZEMİN ÇİZGİSİ  
GROUND LINE



YAŞ  
AGE



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RECYCLE



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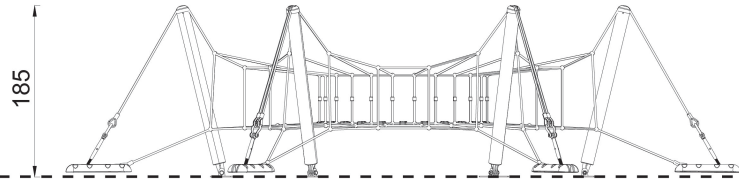


DÜŞME YÜKSEKLİĞİ  
FALL HEIGHT



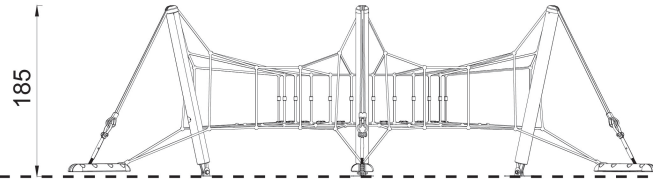
KAPASİTE  
CAPACITY

735



ÖN GÖRÜNÜŞ / FRONT VIEW

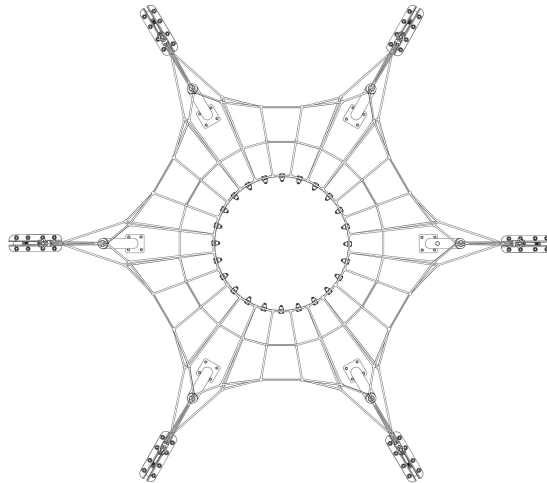
640



YAN GÖRÜNÜŞ / SIDE VIEW

ZEMİN ÇİZGİSİ / GROUND LINE

735



640

ÜST GÖRÜNÜŞ / TOP VIEW

## Product Specification

### Net Climbers

### "Trampolines"

#### Armed Rope:



- Own production polyamide 6 (nylon) and braided armed ropes are used to construct a net climber.
- Each armed rope has 6 strands, and these strands are built on a core. Each strand is built with braided polyamide on steel wires. The core of the rope can either fiber or steel depending on the loading requirement.
- The armed rope is manufactured with 3 diameters; 16, 18 and 20 mm. Please see the chart below use of the ropes

20 mm.	Pyramid 3D systems higher than 4m.
18 mm.	Pyramid 3D systems lower than 4m., frame nets (SGM) Net trampoline, tensegrity AGWS systems
16 mm.	Net carousels and 2D accessories to be used at any playground

- Breakpoints of ropes mentioned above are as follows.

20 mm. FC	5760 Kgs	20 mm. IWRC	7940 Kgs
18 mm. FC	5000 Kgs.	18 mm. IWRC	6521 Kgs.
16 mm. FC	3980 Kgs.	16 mm IWRC	5820 Kgs.

Note: FC (Fiber Core) IWRC (Steel Core)

- Armed ropes have UV resistance and Flame Retardancy.

#### Main Mast (Post):



- Metal masts are made of ST37 steel.
- Metal finish consists 3-layer execution,
  - Shot Blasting
  - Zinc-Rich Primer Coating
  - Powder Coating
- Please see the chart below for mast wall thickness and diameter;

60 mm	SGM 1004, SGM 1005, SGM 1006, SGM 1007, SGM 1007-1A
114 mm	SG 1002, SG 1004, SG 1013, SG 1019, SG 2013 A3, SGM 1007
140 mm	SG 1001, SG 1004, SG 1011 A5, SG 1014, SG 1015, SG 2006 A5, SG 2007, SG 3001, SG 3005, SG 4001, SG 4002, SGM 1002, SGM 1009 A6, SGM 1010 A6, SGM 2002, SG 1004
165 mm	SG 1003, SG 1005, SG 1009 A6, SG 1010 A6, SG 2001, SG 2002, SG 2004, SG 3003, SG 3005, SG 4002, SG 4006, SGM 1001, SGM 1002, SGM 1003, SGM 1011, SGM 1013, SGM 1015, SGM 1016 D, SGM 1017, SGM 1018, SGM 1019, SGM 1020D, SGM 1022 D, SGM 1026, SGM 2003, SG 1012 A5, SG 2005
220 MM	SG 1006 SG 1007

- Tensegrity climbers have additional masts.

**\*\*Notes: Diameter indicates the carrying masts.**

#### Reinforced Rubber and Holder:



- Activity Rubber is made of 13 mm. rubber and 4 layers of textile cord inside to avoid tearing during use.
- Textile-reinforced flexible rubber surrounds the main post with the thickness of 16 mm. to fill openings in the net and prevents entrapments.
- Reinforced rubber is fixed to armed ropes with injection technique polyamide six (NYLON) rubber grippers.

## Assembly Plates:

- Two types of ST 37 steel plates are in use in the construction of trampoline nets.
- Main posts are fixed to ground via these plates, and they pose a moving bolt so, welding point is not tensioned. Armed ropes are fixed via long plates. Masts move to reduce the tension at welding points.
- Corner connection plates must include multi-connection points for to obtain adjustable strain.
- On both plates, there are fixing points to be anchored to concrete slabs.

## Turnbuckles:

- These shall be steel alloy that ensures a maximum load of over 15 tones force along the central axis.

## Corner Assembly Plates Cover:

- It is made of polyethylene to cover base plates which are located at corners.
- Base plate cover is made of polyethylene and manufactured via Rotational molding.

## Fittings (Aluminum ferrule)

- Fittings are made of one single structure.
- Fittings are swaged by applying 150 -170 tones force and prevent ropes from moving.
- Fittings are aluminum casting.
- Each fitting model size change according to diameter of the rope

## Thimble & Omega Lock

- This equipment is made of steel alloy to provide integrity of the products where nets meet with assembly plates.

## Cast covers for Main Mast:

- It is manufactured according to the main post diameters.
- It is aluminum cast.
- Bedding channels in the cover system keep the rope tight and stable.

## General Notes

- $\pm 5\%$  deviation may occur in the size and weight of products within the range.
- CEMER keeps rights to make any technical and price changes.