

01

ŞABLON / TEMPLATE



YAŞ  
AGE



GERİ DÖNÜŞÜM  
RECYCLE



SALINIM  
ROCK



EMEKLEME  
CRAWLING



TIRMANMA  
CLIMBING



ASILMA  
HANGING

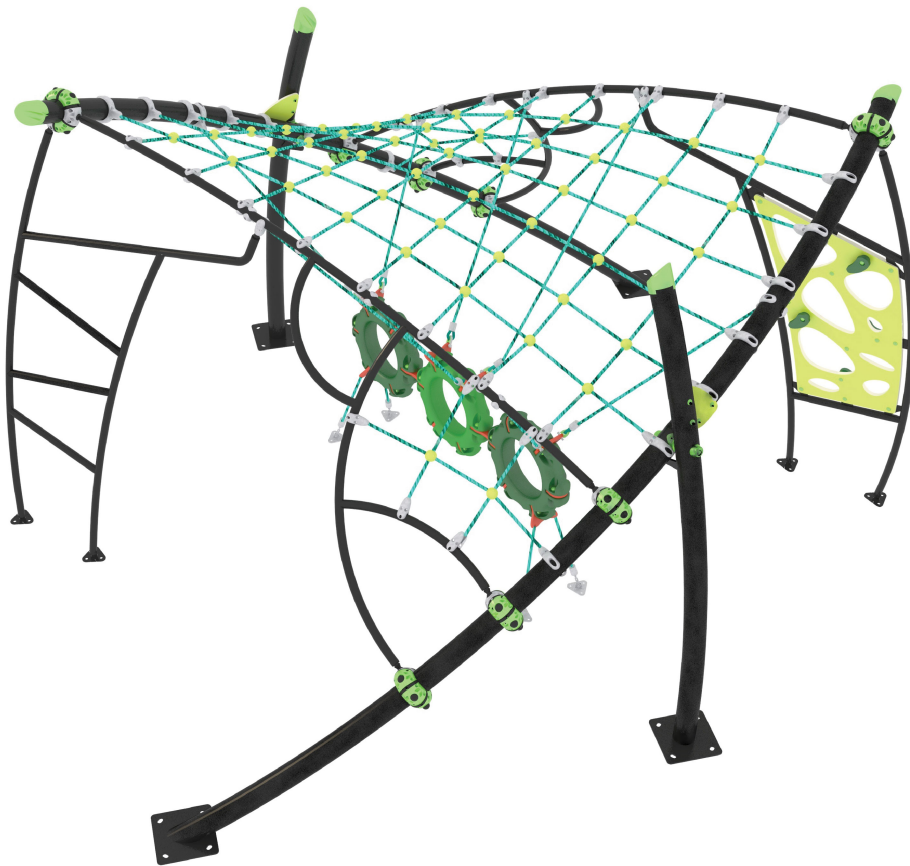


DÜŞME YÜKSEKLİĞİ  
FALL HEIGHT

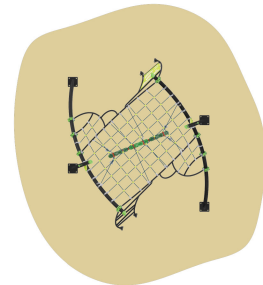


KAPASİTE  
CAPACITY

Cemer®



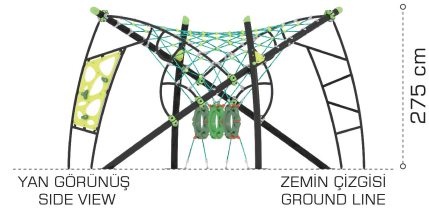
845 cm



755 cm

GÜVENLİK ALANI  
SAFETY AREA

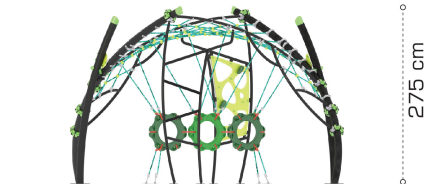
515 cm



YAN GÖRÜNÜŞ  
SIDE VIEW

ZEMİN ÇİZGİSİ  
GROUND LINE

425 cm



ON GÖRÜNÜŞ  
FRONT VIEW

ZEMİN ÇİZGİSİ  
GROUND LINE



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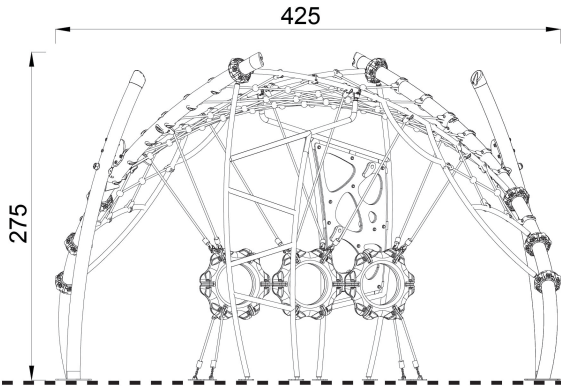
ASILMA/  
HANGING



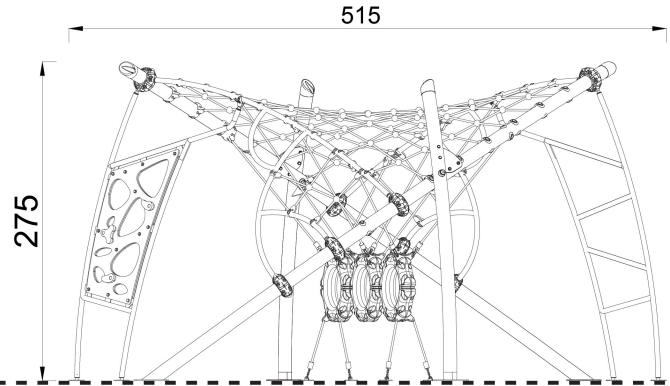
DÜŞME YÜKSEKLİĞİ  
FALL HEIGHT



KAPASİTE  
CAPACITY

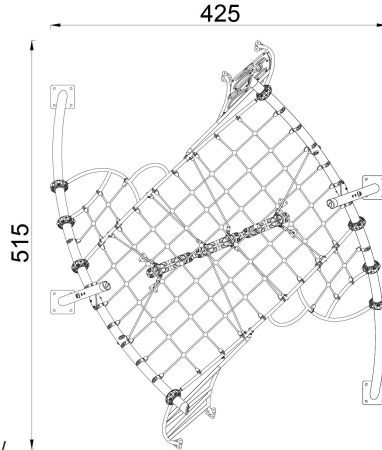


ÖN GÖRÜNÜŞ / FRONT VIEW



YAN GÖRÜNÜŞ / SIDE VIEW

ZEMİN ÇİZGİSİ / GROUND LINE



ÜST GÖRÜNÜŞ / TOP VIEW

## Product Specification "Metal Series"

### Main Mast (Post):



- Metal masts and other metal parts (Wherever available) are made of ST37 steel.
- Metal finish consists 3-layer execution,
  - Shot Blasting
  - Zinc-Rich Primer Coating
  - Powder Coating
- Products within the range are designed to fix ground via square flanges.

### Polyethylene Parts:



- Rotomolded polyethylene (LLDPE) and manufactured in aluminum molds in double walls. The wall thickness of polyethylene parts is between 4-6 mm.
- Polyethylene is fire retardant and strengthened against UV.
- Hardcovers are injection molded.
- Polyethylene is fire retardant and strengthened UV protected.

### High-Density Polyethylene Sheets:



- 15-19 mm dual color triple layer high-density polyethylene sheets (HDPE) are used in this range.
- HDPE sheets are formed with CNC and router machines for precise dimensions.
- HDPE is fire retardant and strengthened UV protected.
- Anti-skid 19 mm HDPE is used for the surface of DGSS 26 and DGSS 27.

### Armed Rope:



- Own production 16 mm. Diameter polyamide 6 (nylon) and braided armed ropes are used to construct net climbing accessories in the product group.
- 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.
- Breakpoints ropes mentioned above are as follows.

16 mm. FC	3980 Kgs.	16 mm IWRC	5820 Kgs.
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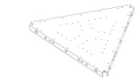
- Note: FC (Fiber Core) IWRC (Steel Core)
- Armed ropes have UV resistance and Flame Retardancy.

### Swing Seats:



- Toddler seats are made of rotational molding polyethylene and coated with rubber shock absorbers.
- Bird nest seats are manufactured from a particular type of polyethylene which is a shock absorber itself with its unique design.
- Hemp Rope swing is made of 14 cm thick with steel reinforcement inside.

### Platform



- Platforms are made of ST37 metal Sheets and dipped into plastic for further protection of users.

### Ball Bearing System:



- The system is located in 5" and 6" pipes.
- Working principle depended on having the lower body stable and fixed while upper body allows the equipment spin.

- Ball bearing system is connected upper and lower body by 12 mm bolts.
- In radial movement system two conic ball bearings shall be used, to lock the system counter nuts and tab nuts shall be used.
- All system is stainless steel
- System speed is adjustable.
- For smaller systems, the small version steel bearing system is used. (C-SS 67, C-SS 52 and DGSS 01)

## Torsion:

- For balance equipment, Rosta™ torsions are used.

## Connectors:



- Stainless Steel connectors are used at rope ends where rope element fixed to the primary structure.
- Polyamide connectors are used to combine armed ropes.
- Aluminum Cast connectors are also used at rope ends where rope element fixed to the metal frame.
- The patented functional connector provides multi-connection to masts. Steelwork is covered with aluminum and polyamide.

## Bolts and Nuts:

- All bolts, nuts washers are stainless steel or coated with DACROMET® due to size and use.

## 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