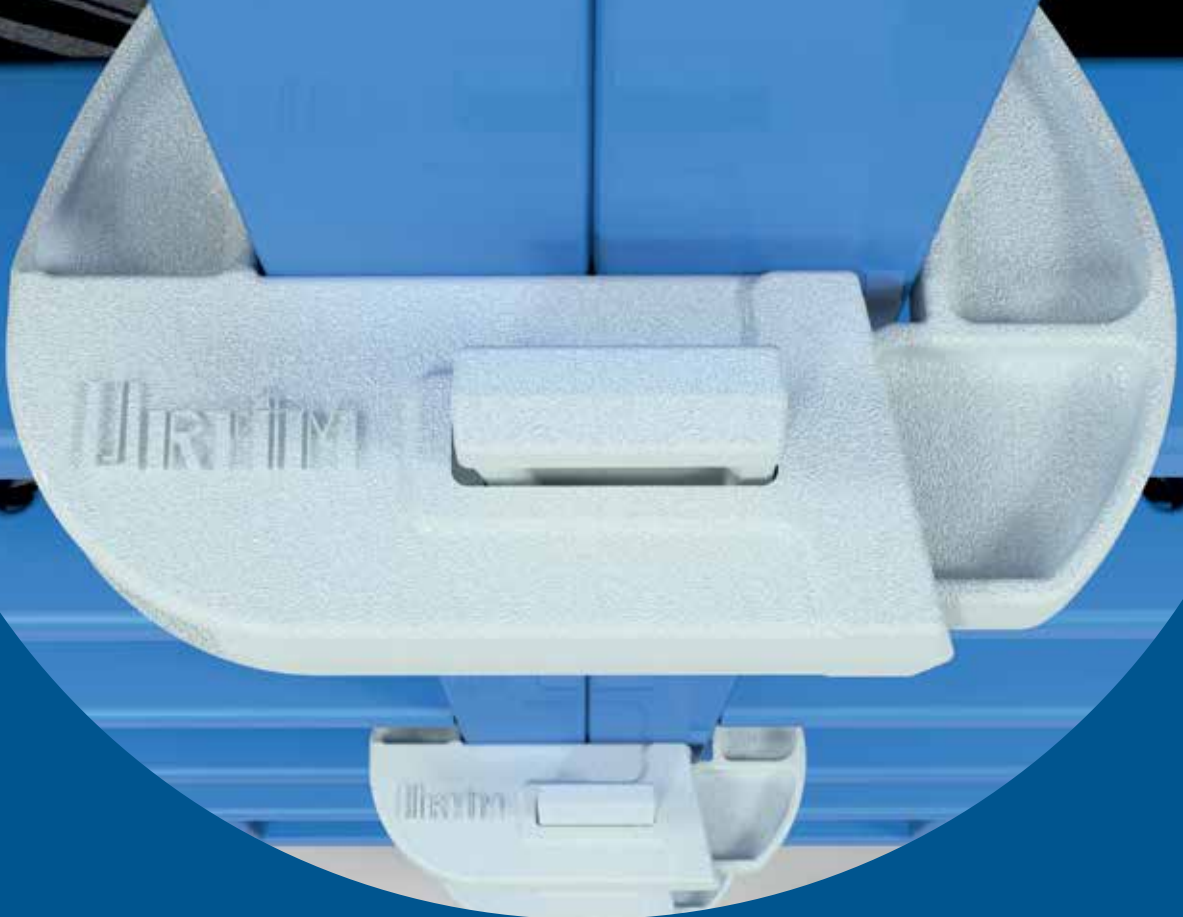


FRAMESET PANEL KALIP SİSTEMİ
FRAMESET PANEL FORMWORK

ZORU ŞEKİLLENDİREN
PROFESYONEL ÇÖZÜM

PROFESSIONAL SOLUTION
FOR SHAPING THE TOUGH



BÜYÜK YÜZEYLERDE YÜKSEK KALİTE İÇİN İDEAL SİSTEM

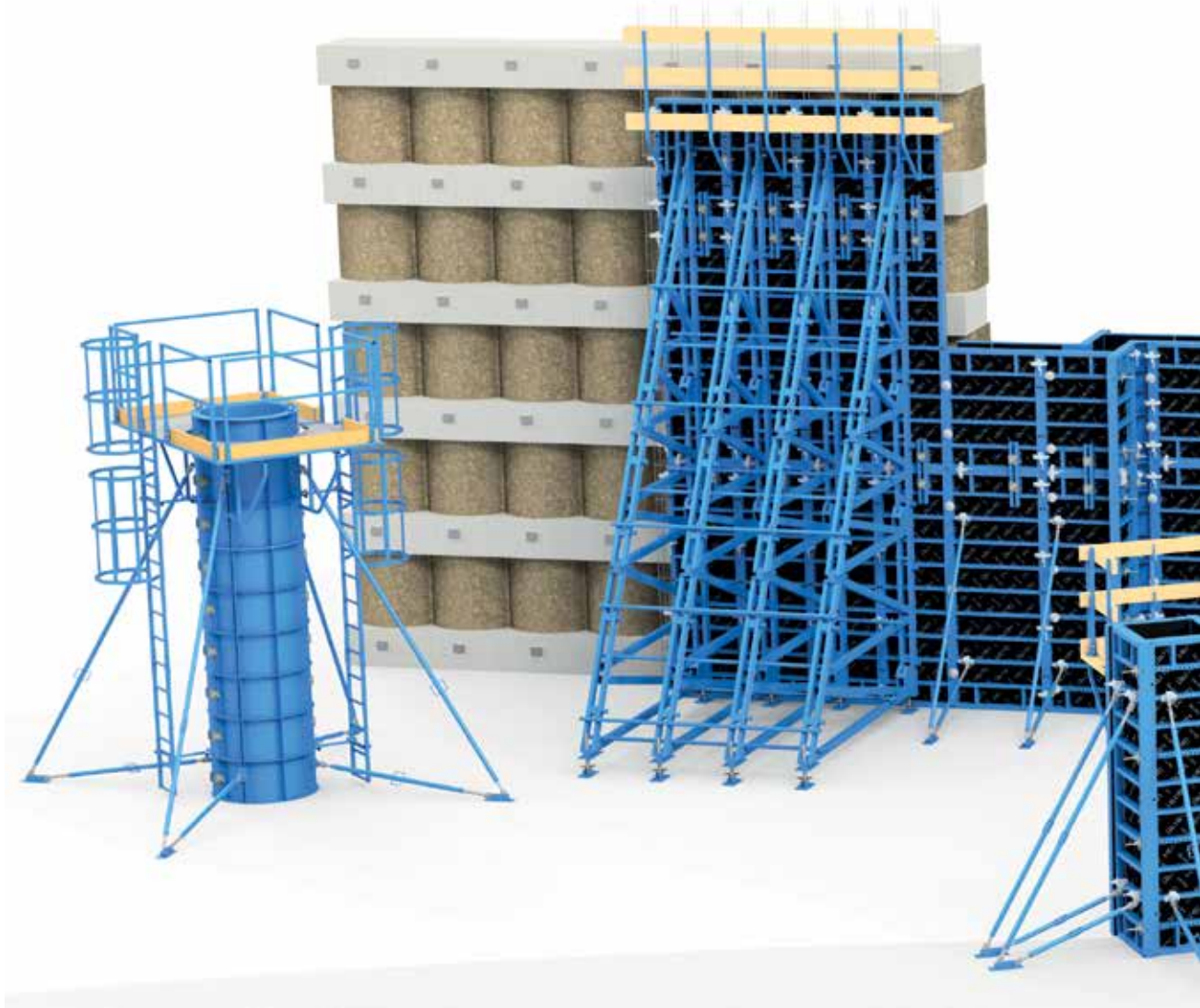
Frameset, büyük beton yüzeyleri oluşturmak için kullanılabilecek en ideal çözümdür. Perde duvar, kolon, istinat duvarı gibi bir şantiyenin ihtiyaç duyabileceği her türlü kaba iş için uygulanabilir.

Frameset Panel Kalıp Sistemi, 120*60 mm ölçüsündeki kapalı kesit özel formlu profillerden oluşur. Sistemin taze beton basıncı dayanımı 80 kN/m² dir. FS MULTI ayarlanabilir panolar ile 5 cm'lik aralıklarla istenilen ebattaki kare ve dikdörtgen kolon kalıpları pratik bir şekilde elde edilir. Panolar vinçle taşınarak hızlı bir kalıp sirkülasyonu sağlanır. Pano kullanıma hazırdır, ahşap kalıplar gibi montaj hazırlık maliyeti yoktur. Farklı en ve boylardaki standart paneller yatay ve dikey olarak kullanılarak istenilen her türlü ölçüdeki perde ve kolon kalıpları elde edilir. Kalıp kurulum ve söküm işçiliği düşüktür. Dış profil ve bağlantı kilidi sayesinde paneller her noktada kilitlenebilir. Özel kilit formu sayesinde çekiçle paneller birbirine kilitlenir. Çelik döküm köşe takozları, panellerin sökümünü kolaylaştırır, panel söküm aşamasında manivela, balyoz vb. darbelere karşı koruma sağlar. TS-EN 3834-2 standartlarına uygun tesislerde robotik kaynak sistemleri ile üretilmektedir.

IDEAL SYSTEM OFFERING HIGH QUALITY OVER LARGE SURFACES

Frameset is the most ideal solution which can be used in creating large concrete surfaces. It is applicable to the rough work of all kinds like shear walls, columns and retaining walls, which may just be the need of construction sites.

Frameset Panel Formwork System comprises of 120x60 mm closed cross-sectional profiles of special form. The system's resistance to the fresh concrete pressure is 80 kN/m². Quadratic and rectangular column formworks can practically be obtained at desired dimensions by placing FS MULTI adjustable panels with 5 cm of gaps. A fast circulation of the formworks can be maintained by transporting the panels by a crane. The panels are ready-to-use; therefore - unlike the wooden formworks- no cost is applicable for mounting arrangements. Shear wall and column formworks can be obtained in any dimensions as needed by the horizontal and the vertical use of the standard panels of different width and height. The cost of labor to mount and dismount the formwork is low. The external profile and the junction clamps make the panels lockable at each point. The special form of clamps enables a firm interlocking by hammering the panels to each other. Steel-casting corner wedges facilitate the dismount of the panels, and maintain protection against leverage impacts, sledgehammer blows, etc., while dismounting. The panels are manufactured using robotic welding systems and in full compliance to TS-EN 3834-2 standards.

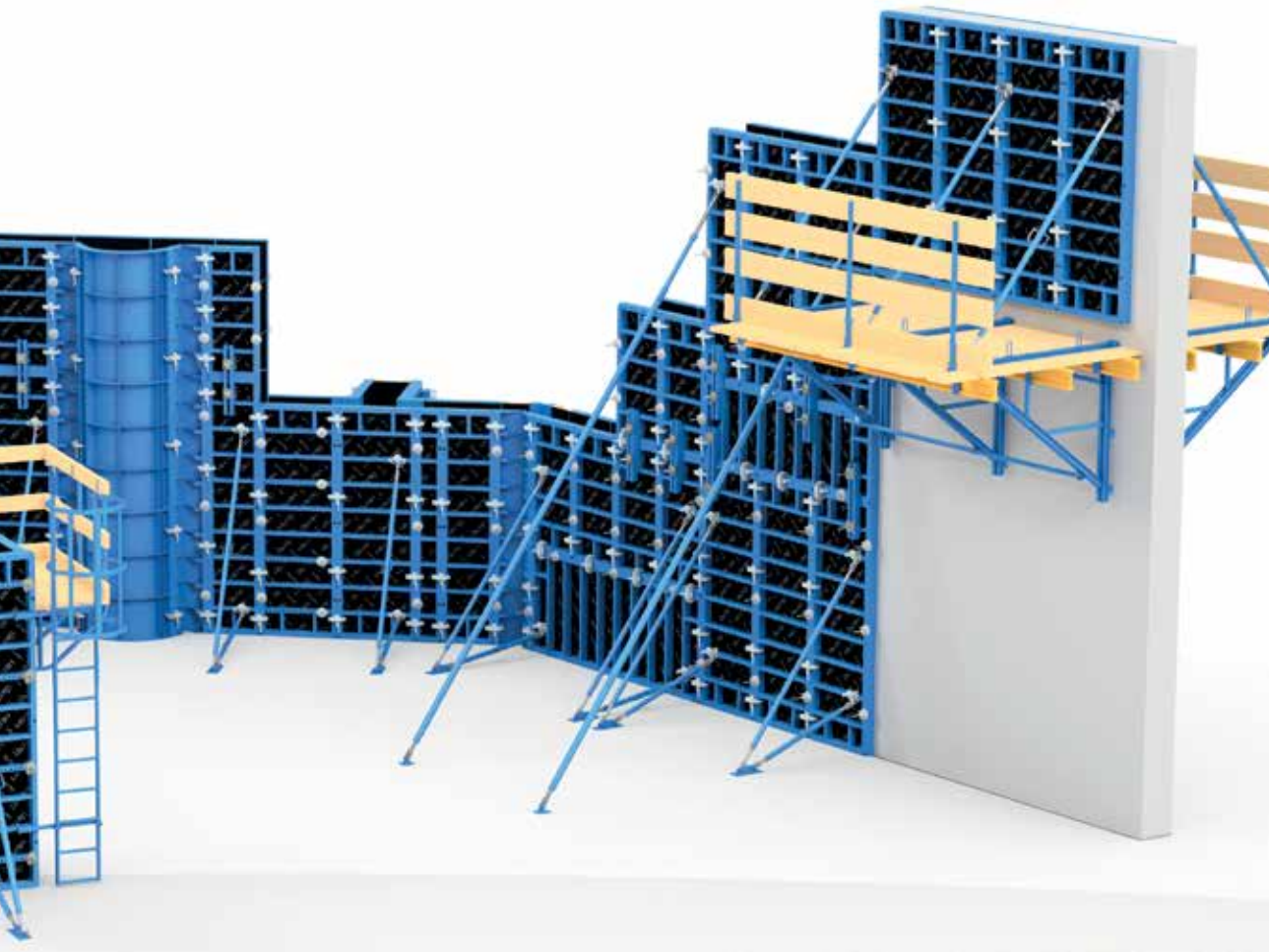
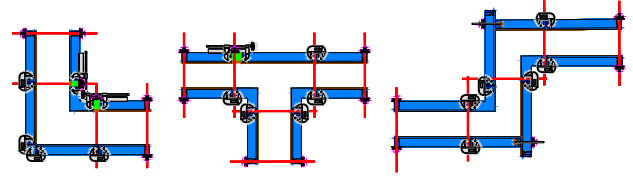


FS Max kilidi Frameset sisteminin çok hızlıca ve güvenli kurulup sökülmesini sağlar.

FS Max clamp enables a fast and safe way of mounting and dismantling of the Frameset system.

Farklı yükseklik ve genişliklerin robotik olarak üretildiği sistem, her tür L-T-Z ve açılı kesitler için de esnek çözümler sunar.

Robotically produced in diverse heights and widths, the system offers flexible solutions for all types of L-T-Z and angled sections.



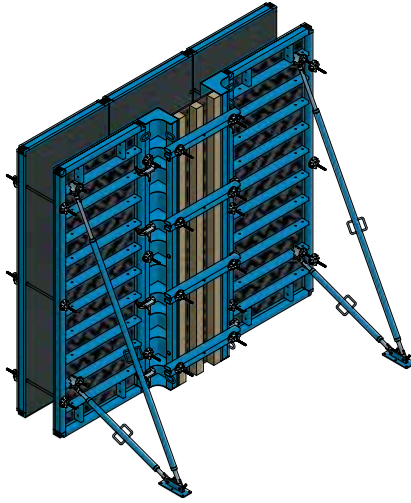
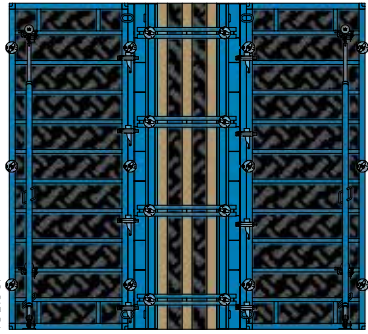
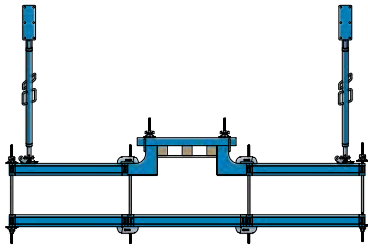
Kuşak bağlantısı ve ayarlanabilir kilit sayesinde her türlü bağlantı ihtiyacı kolayca karşılanır.

Any connection need can easily be sufficed by the help of the waler connection and the adjustable clamp.

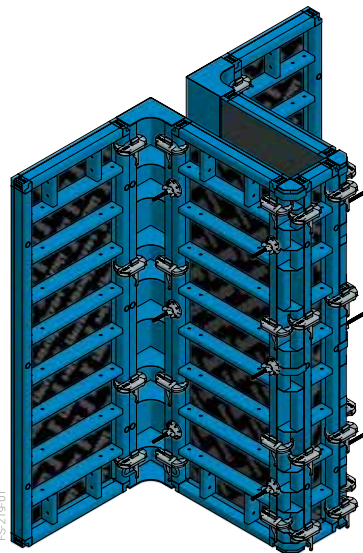
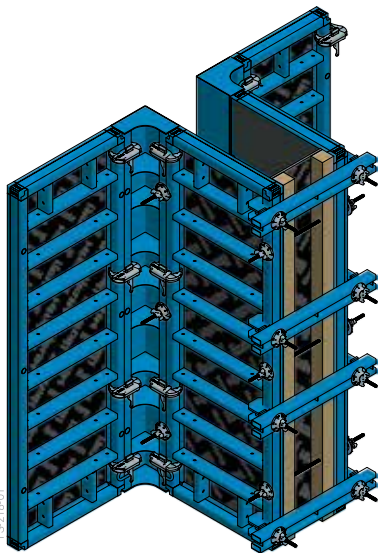


Ayarlanabilir kilit sistemi sayesinde iki panel arası 30 cm açıklığa kadar ahşap dolgu gerçekleştirilebilir.

Adjustable clamp system enables the application of wood fillers up to 30 cm of clearance between the two panels.



Dar ölçülerde çözüm oluşturulur.
Solutions in narrow sizes.



- Dairesel formlu betonarme perdelerde kullanılan sac yüzeyli bir kalıp sistemidir. Farklı çaplarda pratik kullanım imkânı sağlar. Dayanıklı aksesuarlar sayesinde uzun süreli kullanımı mümkündür.

It is a formwork system with a metal sheet surface, and used in reinforced concrete shear walls of circular forms. It provides practical use at diverse diameters. Durable accessories enable long-lasting use.



- Frameset Kolon Kalıp Sistemi, 120*60 mm ölçüsündeki ithal kapalı kesit özel profillerden oluşur. Sistemin taze beton basıncı dayanımı 80 kN/m2 dir.

Frameset Column Formwork System comprises of 120x60 mm closed cross-sectional imported profiles of special form. The system's resistance to the fresh concrete pressure is 80 kN/m2.



FRAMESET TEK YÜZ PERDE KALIP SİSTEMİ

FRAMESET Tek Yüz Kalıp Sistemi istinat duvarları, kalın perdeler, baraj yapıları gibi çift taraflı ankrajlama yapılamadığı betonarme yapılarda kullanılır. Beton basıncına göre destek ara mesafeleri ve destek tipi belirlenir.

FRAMESET destek takımı ile 8m yüksekliğine kadar tek taraflı beton dökümü yapılabilir.

FRAMESET SINGLE SIDE SHEAR WALL FORMWORK SYSTEM

FRAMESET Single Side Formwork System is used in reinforced concrete constructions such as retaining walls, thick shear walls, and dam constructions, where no bilateral anchorage is possible. Support gaps and types are determined depending on the cement pressure. With FRAMESET support equipment, single side concrete casting is possible up to 8 meters of height.



FRAMESET TIRMANIR KALIP SİSTEMİ

FRAMESET Kalıp Sistemi tırmanma ekipmanları ve aksesuarları ile tırmanır hale getirilir. Tırmanma konsolu, tırmanma askıları ile betona sabitlenir ve birbirine bağlanır. Bu sayede kalıp kurulumu için platform oluşturulur.

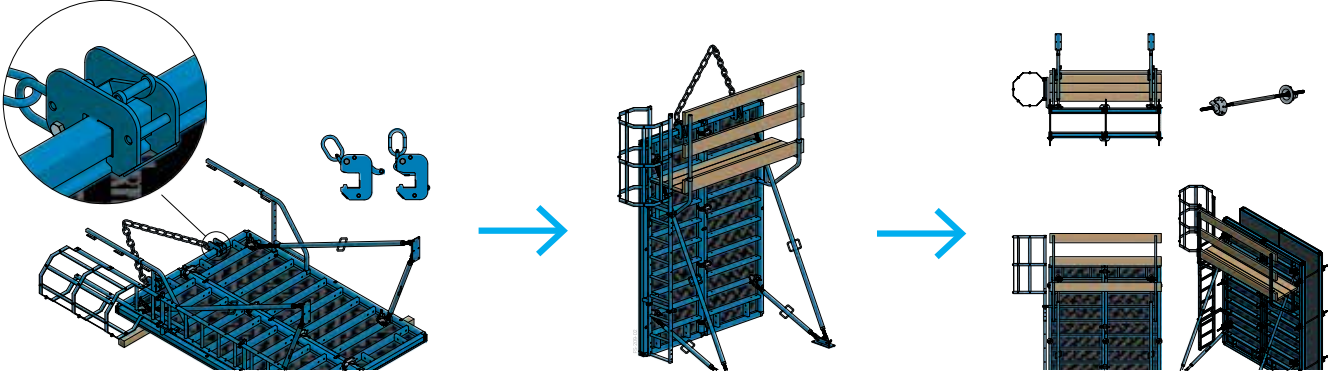
FRAMESET CLIMBING FORMWORK SYSTEM

Climbing equipment and accessories are available with FRAMESET Formwork System to enable climbing. Climbing console is fastened to the concrete with the climbing straps and these are fastened to each other. A platform is set up by this way for mounting the formwork.

MONTAJ AŞAMALARI STAGES OF THE MOUNTING

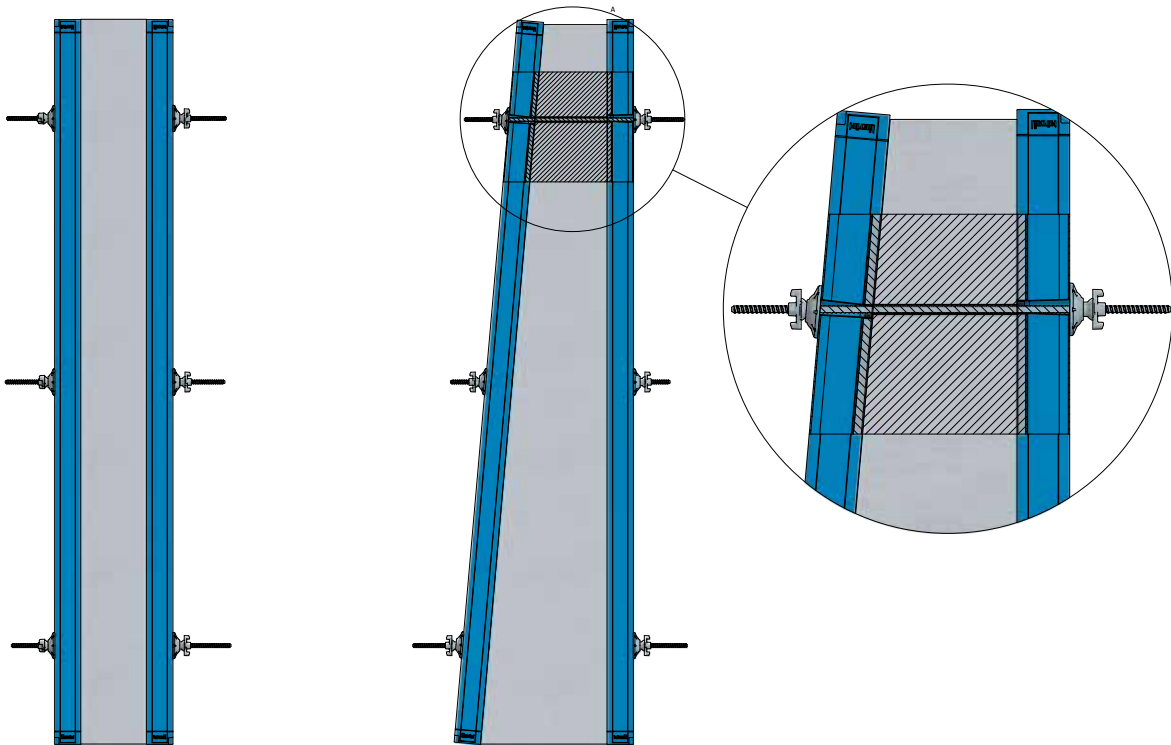
Pano kurulumu ahşap kalasların üzerinde gerçekleştirilip, vinç kulpları yardımıyla dikey konuma getirilir.

The mounting of the panels are done over the wooden catwalks, and the panels are erected by the help of crane handles.

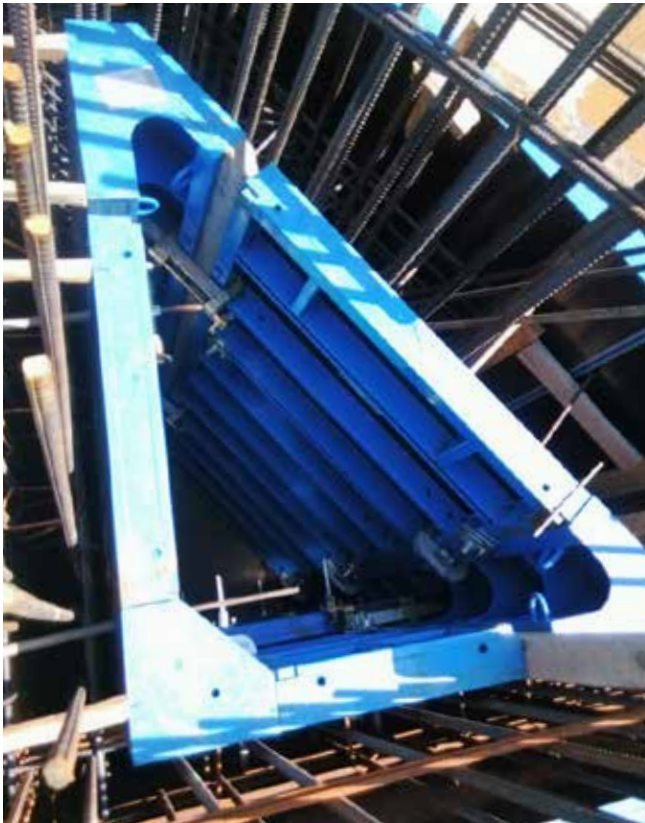
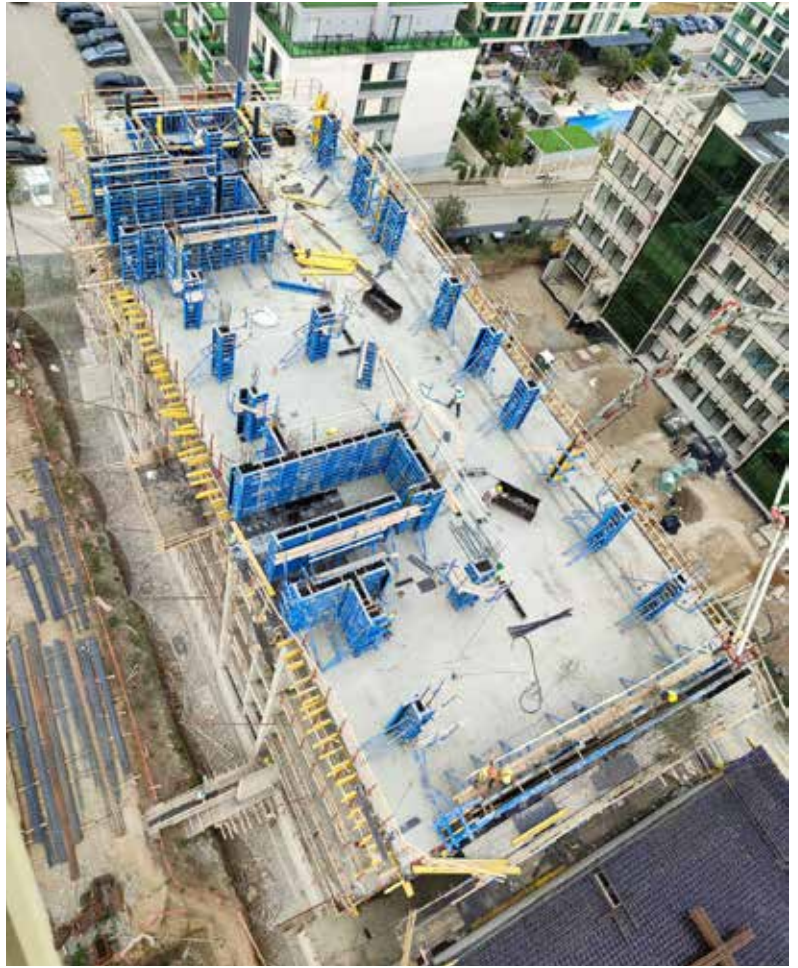


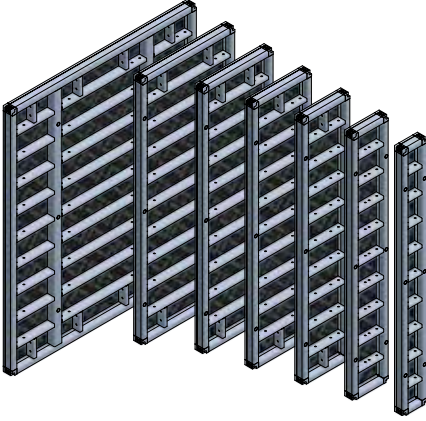
Aynalı çatal somunu çift mafsallı olduğundan bağlantılarda açı $\pm 5^\circ$ ayarlanabilir.

Double joint mechanism of the anchoring plate nuts enables an adjustment of the connection angle to $\pm 5^\circ$.



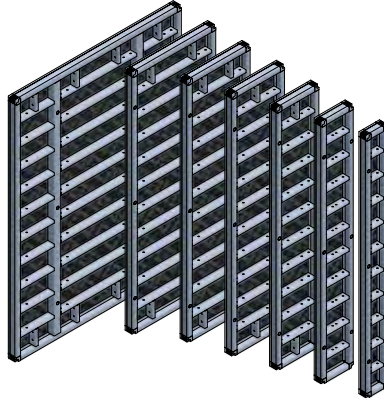






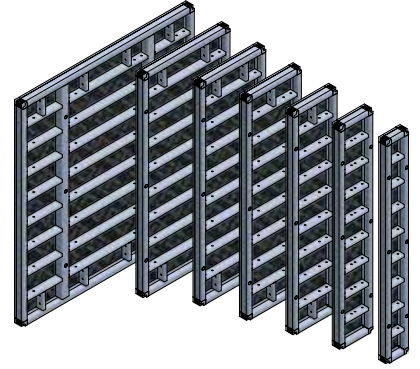
FRAMESET MAX Pano 330
FRAMESET MAX Panel 330

30200808.240.330	357,70 kg
30200808.120.330	176,30 kg
30200808.90.330	132,25 kg
30200808.75.330	129,80 kg
30200808.60.330	114,90 kg
30200808.45.330	98,10 kg
30200808.30.330	83,30 kg



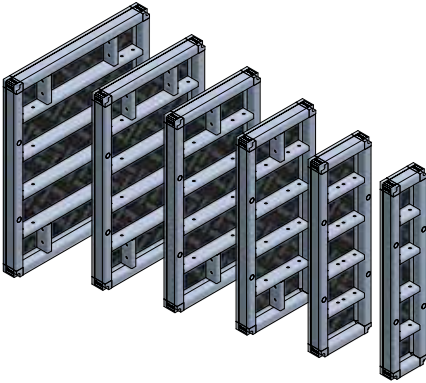
FRAMESET MAX Pano 300
FRAMESET MAX Panel 300

30200808.240.300	328,60 kg
30200808.120.300	175,00 kg
30200808.90.300	134,80 kg
30200808.75.300	120,70 kg
30200808.60.300	108,20 kg
30200808.45.300	89,80 kg
30200808.30.300	80,00 kg



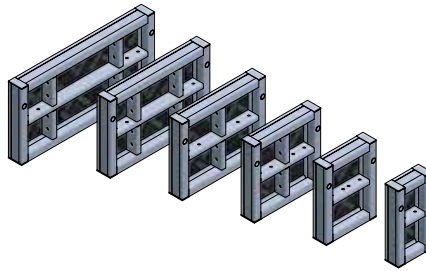
FRAMESET MAX Pano 270
FRAMESET MAX Panel 270

30200808.240.270	299,60 kg
30200808.120.270	148,00 kg
30200808.90.270	123,80 kg
30200808.75.270	108,60 kg
30200808.60.270	105,50 kg
30200808.45.270	96,10 kg
30200808.30.270	69,10 kg



FRAMESET MAX Pano 150
FRAMESET MAX Panel 150

30200808.120.150	91,60 kg
30200808.90.150	76,00 kg
30200808.75.150	66,00 kg
30200808.60.150	69,90 kg
30200808.45.150	58,40 kg
30200808.30.150	40,80 kg



FRAMESET MAX Pano 60
FRAMESET MAX Panel 60

30200808.120.60	49,00 kg
30200808.90.60	36,75 kg
30200808.75.60	30,65 kg
30200808.60.60	28,00 kg
30200808.45.60	18,40 kg
30200808.30.60	14,25 kg



FRAMESET Multi Pano 330
FRAMESET Multi Panel 330

30200818.120.330	204,00 kg
30200818.90.330	166,80 kg
30200818.60.330	102,00 kg



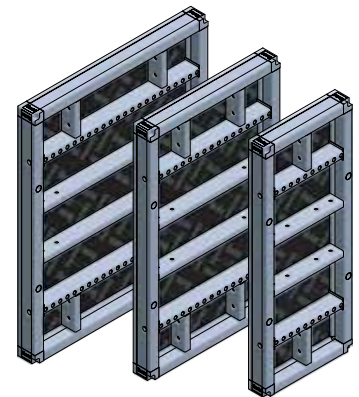
FRAMESET Multi Pano 300
FRAMESET Multi Panel 300

30200818.120.300	187,20 kg
30200818.90.300	153,00 kg
30200818.60.300	93,60 kg



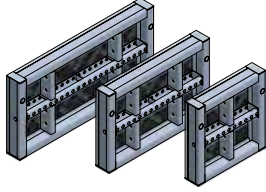
FRAMESET Multi Pano 270
FRAMESET Multi Panel 270

30200818.120.270	170,40 kg
30200818.90.270	139,30 kg
30200818.60.270	85,20 kg



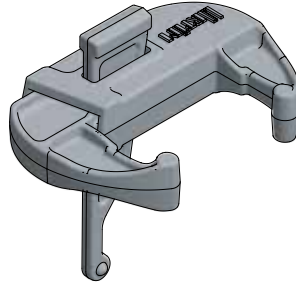
FRAMESET Multi Pano 150
FRAMESET Multi Panel 150

30200818.120.150	103,10 kg
30200818.90.150	84,50 kg
30200818.60.150	51,55 kg



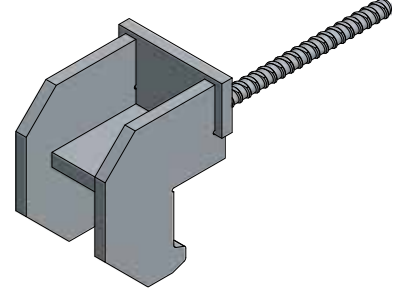
FRAMESET Multi Pano 60
FRAMESET Multi Panel 60

30200818.120.60	43,15 kg
30200818.90.60	35,35 kg
30200818.60.60	21,50 kg



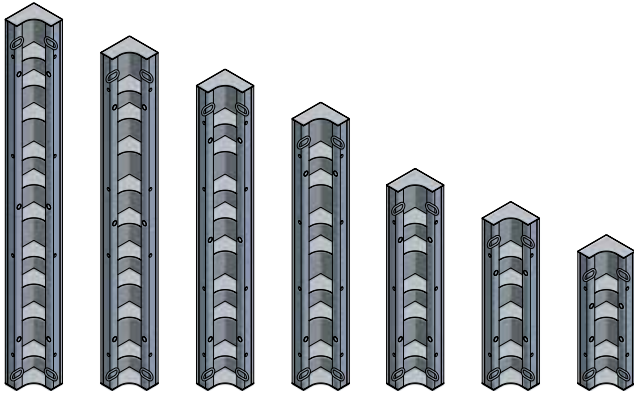
FRAMESET Kilit
FRAMESET Clamp

4070029.999	3,10 kg
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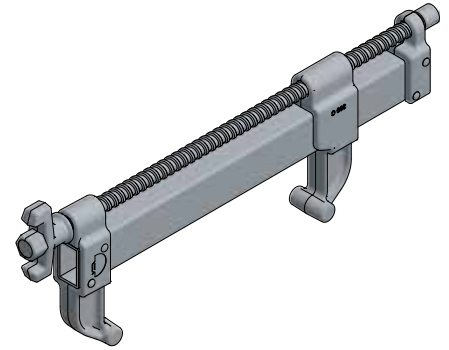
FRAMESET Köşe Bağlantı Mili
FRAMESET Coner Tie

30202068.999	1,70 kg
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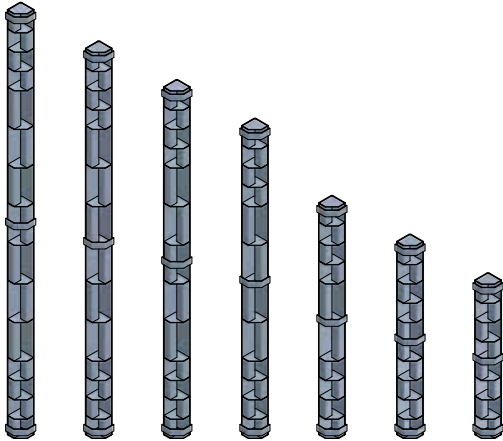
FRAMESET MAX İç Köşe Pano 30/30
FRAMESET MAX Insider Corner Panel 30/30

30200828.330	122,90 kg
30200828.300	112,40 kg
30200828.270	101,90 kg
30200828.240	91,50 kg
30200828.180	70,40 kg
30200828.150	60,00 kg
30200828.120	49,50 kg



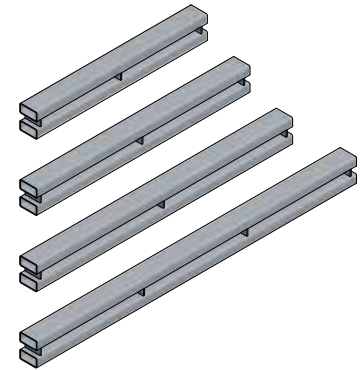
FRAMESET Ayarlanabilir Kilit
FRAMESET Adjustable Clamp

4070030.999	5,35 kg
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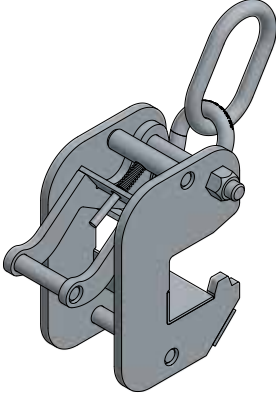
FRAMESET Sabit Köşe Pano 12/12
FRAMESET Constant Corner Panel 12/12

30200838.330	33.00 kg
30200838.300	29.90 kg
30200838.270	26.80 kg
30200838.240	23.80 kg
30200838.180	20.70 kg
30200838.150	17.70 kg
30200838.120	14.60 kg



FRAMESET Kuşak
FRAMESET Waler

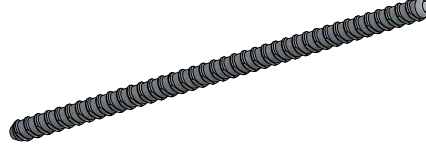
30200858.50	5,29 kg
30200858.100	9,90 kg
30200858.120	12,60 kg
30200858.150	15,80 kg
30200858.175	21,75 kg
30200858.200	21,61 kg
30200859.100	15,25 kg



FRAMESET Yaylı Vinç Kulbu
FRAMESET Crane Splice

30208419.999

8,10 kg



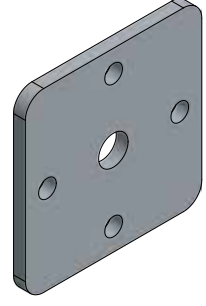
DIN 18216'a göre dizayn edilmiştir.
Designed according to DIN 18216.

Dayanımı 90 kN'dur, farklı boylar üretilir.
Permissible load is 90 kN, special lengths are available.

DYWIDAG Ankraj Mili
DYWIDAG Anchoring Bar

39804027.100
39804027.125
39804027.150
39804027.175
39804027.200
39804027.225
39804027.250
39804017.999

1,40 kg
1,75 kg
2,10 kg
2,45 kg
2,80 kg
3,15 kg
3,50 kg
3,00 kg



DIN 18216'a göre dizayn edilmiştir.
Designed according to DIN 18216.

Galvanizli
Galvanized

Ankraj Aynası
Anchoring Plate

39804129.999

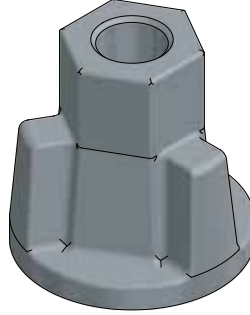
0,80 kg



Ankraj Somunu Ø90
Anchoring Nut Ø90

1120011.90

0,50 kg



Galvanizli
Galvanized

Ankraj Somunu Ø50
Anchoring Nut Ø50

1120011.50

0,40 kg

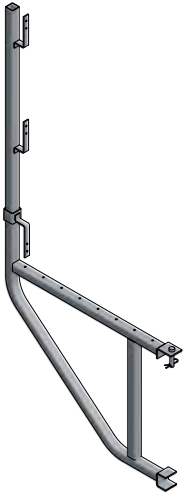


Galvanizli
Galvanized

Aynalı Çatal Somun Ø120
Anchoring Plate Nut Ø120

1120012.120

1,25 kg



İdeal kullanım açıklığı 1,25 m'dir
Allowable spacing is 1,25 m

FS Çalışma Konsolu
FS Scaffold Bracket

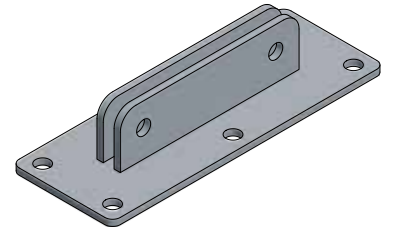
30200098.999

10,70 kg



Payanda
Push-Pull Prop

39846118.60	L= 60	8,51 kg
39846138.75	L= 75	9,62 kg
39846158.100	L= 100	10,89 kg
39846178.135	L= 135	12,38 kg
39846198.155	L= 155	13,23 kg
39846218.195	L= 195	14,93 kg
39846238.270	L= 270	18,12 kg
39846258.300	L= 300	19,39 kg
39846278.350	L= 350	21,52 kg
39846298.405	L= 405	39,58 kg
39846318.450	L= 450	42,78 kg
39846338.500	L= 500	46,34 kg
39846358.550	L= 550	49,90 kg
39846378.600	L= 600	53,46 kg

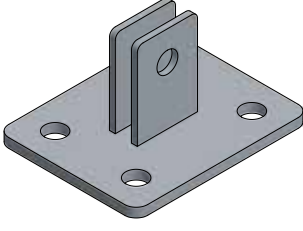


2 adet pim ve 2 adet kopilya ile kullanılır.
Used with 2 pins and 2 detant pins.

Payanda Tabanı Çift
Base Plate Double

39804058.999
39804059.999

4,80 kg
4,50 kg

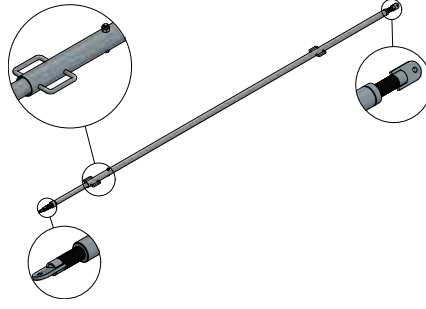


Payanda Tabanı Tekli
Base Plate Single

1 adet pim ve 1 adet kopilya ile kullanılır.
Used with 1 pin and 1 detent pin.

39804058.999
39804059.999

1,20 kg
1,30 kg

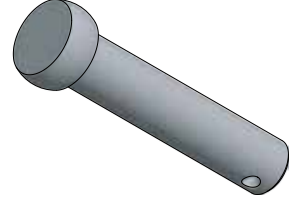


Payanda Bağlantı Başlığı ve Payanda Tabanı ile kullanılır.
Used with Push-Pull Prop Head and Base Plate.

Dev Payanda D76
Supporting Prop D76

39804038.999

87,15 kg

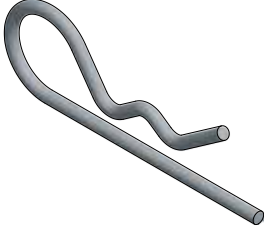


Galvanizli
Galvanized

Pim
Pin

1120020.16.75
1120020.16.100
1120020.16.130

0,10 kg
0,22 kg
0,26 kg

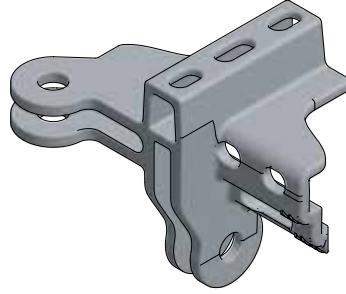


Galvanizli
Galvanized

Kopilya
Detent Pin

112.0021.3
112.0021.5

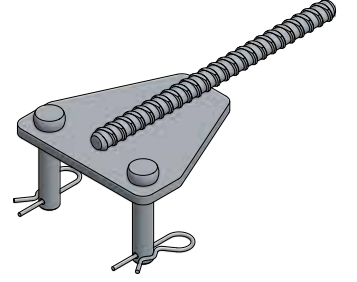
0,01 kg
0,03 kg



FRAMESET Payanda Başlığı
FRAMESET Prop Head

4090140.999

2,35 kg



Pano Kuşağı Çektirme Elemanı
Water Pulling Connector

30257418.999

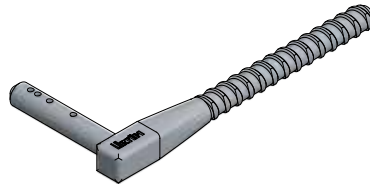
1,58 kg



Köşe Çektirme Mili
Corner Pulling Bar

4060032.999

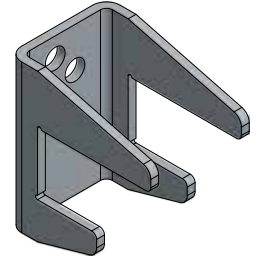
0,58 kg



Kuşak Çektirme Mili
Water Pulling Bar

4060033.999

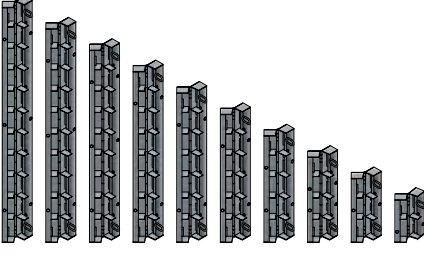
0,60 kg



Pano Çektirme Elemanı
Panel Pulling Connector

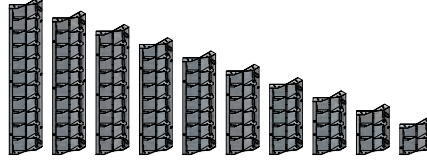
30218318.999

1,16 kg



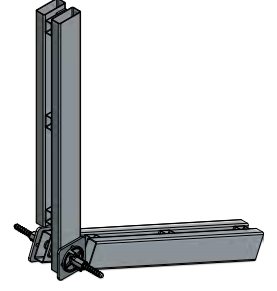
FRAMESET Mafsallı Dış Köşe Pano 15/15
FRAMESET Adjustable Outer Corner Panel 15/15

30210218.60	18,70 kg
30210218.90	25,73 kg
30210218.120	33,09 kg
30210218.150	40,11 kg
30210218.180	47,08 kg
30210218.210	54,08 kg
30210218.240	61,13 kg
30210218.270	68,55 kg
30210218.300	75,45 kg
30210218.330	82,48 kg



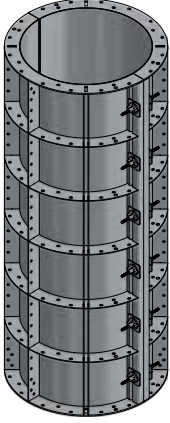
FRAMESET Mafsallı İç Köşe Pano 30/30
FRAMESET Swivel Inner Corner Panel 30/30

30210418.60	21,70 kg
30210418.90	30,64 kg
30210418.120	39,85 kg
30210418.150	48,87 kg
30210418.180	58,89 kg
30210418.210	66,91 kg
30210418.240	75,91 kg
30210418.270	85,12 kg
30210418.300	94,26 kg
30210418.330	103,14 kg



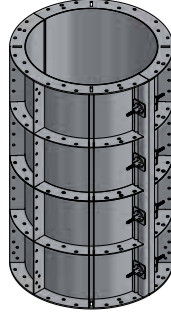
FRAMESET Mafsallı Kuşak
FRAMESET Swivel Waler

502573118.100	27,90 kg
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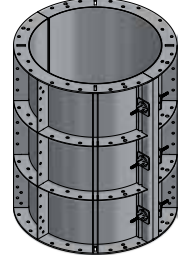
FRAMESET Dairesel Kolon Modülü H300
FRAMESET Circular Column Module H300

30255318.100.300	758,00 kg
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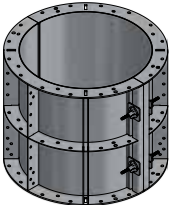
FRAMESET Dairesel Kolon Modülü H200
FRAMESET Circular Column Module H200

30255318.100.200	536,70 kg
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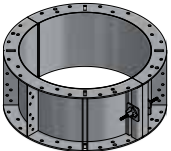
FRAMESET Dairesel Kolon Modülü H150
FRAMESET Circular Column Module H150

30255318.100.150	400,00 kg
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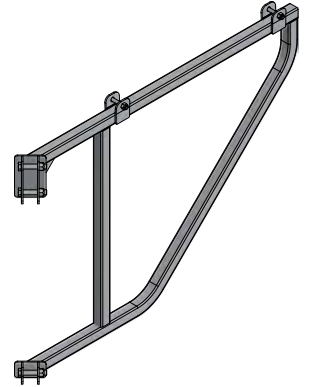
FRAMESET Dairesel Kolon Modülü H100
FRAMESET Circular Column Module H100

30255318.100.100	280,70 kg
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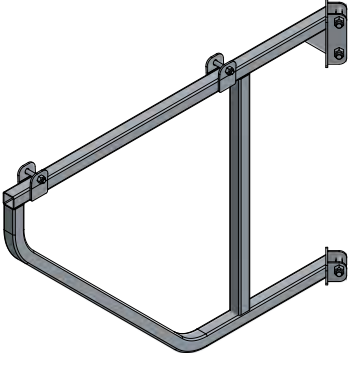
FRAMESET Dairesel Kolon Modülü H50
FRAMESET Circular Column Module H50

30255318.100.50	161,40 kg
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FRAMESET Dairesel Kolon Modülü Çalışma Konsolu Sağ
FRAMESET Circular Column Team Scaffold Bracket Right

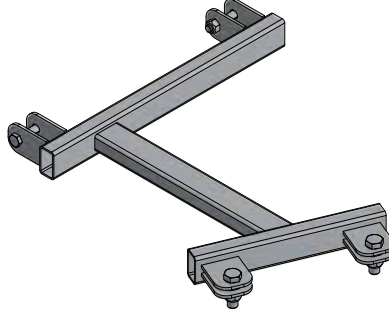
30241068.999	13,10 kg
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FRAMESET Dairesel Kolon Modülü Çalışma Konsolu Sol
FRAMESET Circular Column Team Scaffold Bracket Left

30255428.999

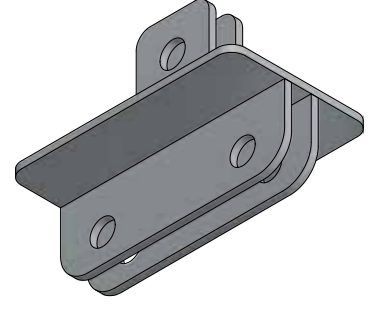
13,10 kg



FRAMESET Dairesel Kolon Modülü Merdiven Bağlantı Ayağı
FRAMESET Circular Column Team Ladder Tie-leg

3025518.100

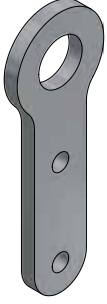
4,95 kg



FRAMESET Dairesel Kolon Modülü Payanda Başlığı
FRAMESET Circular Column Team Prop Head

30301538.999

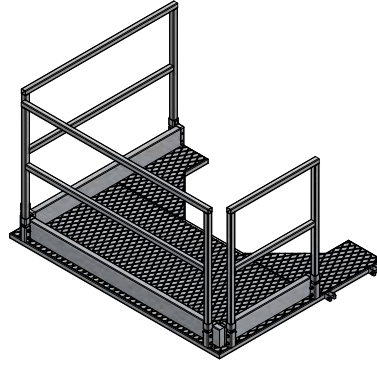
1,50 kg



FRAMESET Dairesel Kolon Modülü Taşıma Sacı
FRAMESET Circular Column Team Carrying Plate

4093331.999

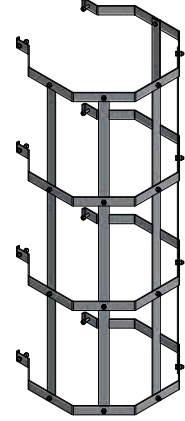
1,90 kg



FRAMESET DKM Korkuluklu Çalışma Platformu
FRAMESET DKM Guardrailed Work Platform

30255618.100

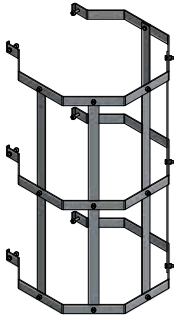
390,85 kg



FRAMESET Güvenlik Kafesi H185
FRAMESET Safety Cage H185

39842118.185

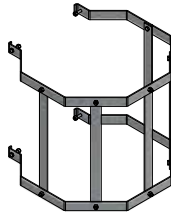
39,40 kg



FRAMESET Güvenlik Kafesi H125
FRAMESET Safety Cage H125

39842118.125

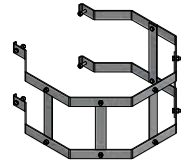
25,15 kg



FRAMESET Güvenlik Kafesi H65
FRAMESET Safety Cage H65

39842118.65

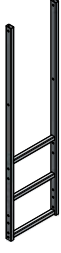
14,95 kg



FRAMESET Güvenlik Kafesi H35
FRAMESET Safety Cage H35

39842118.35

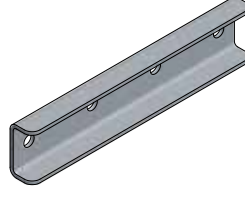
12,00 kg



FRAMESET Kolon Modülü Başlangıç Merdiveni
FRAMESET Column Panel Starting Ladder

39842068.172

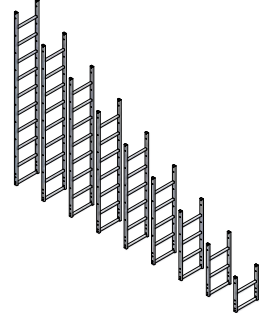
13,10 kg



FRAMESET Kolon Modülü Merdiven Birleştirme Sacı
FRAMESET Column Panel Connecting Plate

39842318.999

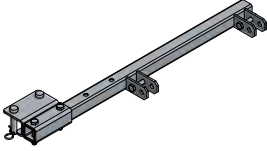
1,00 kg



FRAMESET Kolon Modülü Uzatma Merdivenleri
FRAMESET Column Panel Extending Ladder

39842038.60
39842038.90
39842038.120
39842038.150
39842038.180
39842038.210
39842038.240
39842038.270
39842038.300

5,16 kg
7,73 kg
10,31 kg
12,90 kg
15,49 kg
18,08 kg
20,66 kg
23,25 kg
25,84 kg



FRAMESET Multi Pano Kolon Modülü Bağlantı Ayağı
FRAMESET Multi Column Panel Tie-leg

39843119.999

4,15 kg



FS 80 Mafsallı Pano Ayar Elemanı
FS 80 Articulated Panel Adjustment Element

30200109.195
30200109.325

0,72 kg
0,96 kg



FS Karşı Koruma Korkuluğu
FS Counter Protection Railing

30245215

7,03 kg



FS Mafsallı Kuşak Modeli
FS Articulated Belt Model



FS Panel Sabitleme Elemanı
FS Panel Fixing Element

30250528.999

1,05 kg



FS Modüler Payanda Sistemi
FS Modular Bracket System

39846478.50
39846478.100
39846478.200
39846478.300

16,82 kg
23,53 kg
38,71 kg
53,89 kg



MPS Ayar Mili Sol
MPS Adjustable Left Shaft

39846528.999
39846529.999

23,51 kg
23,51 kg



MPS Ayar Mili Sağ
MPS Adjustable Right Shaft

39846518.999
39846518.999

23,46 kg
23,46 kg

URTIM KALIP ve İSKELE SİSTEMLERİ

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1980 yılında İstanbul'da bir aile şirketi olarak kurulmuş olan URTIM'de amacımız, yüksek standartta, üstün kaliteye ve ileri teknolojiye sahip sistemlerimizi; konusunda uzman ve Ar-Ge mühendislerimiz ile tasarlamak ve en son teknolojiye göre düzenlenmiş robotik tesislerimizde üretmektir

“Çözümü şekillendirir ve güvenle yükseltir”

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Dünya çapında endüstriyel uygulamalar için yüksek yetkinliğe sahip ve onaylı bir kuruluş olan URTIM, Avrupa, Amerika, Orta Doğu, Afrika ve Asya'ya %80 oranında ihracat yapmaktadır. URTIM, Engineering News-Record, ENR listesinde yer alan birçok büyük inşaat ve petro-kimya firmalarının onaylı kalıp ve iskele tedarikçi firmasıdır.

Daha detaylı bilgi için lütfen urtim.com sitesini ziyaret ediniz

URTIM FORMWORK AND SCAFFOLDING SYSTEMS

URTIM is a global brand respected for formwork and scaffolding solutions. Since 1980 we have successfully completed more than 4,000 projects in 66 countries. With our core values we are committed to our customers, suppliers and team members to deliver high-end and safe solutions in large-scale residential and industrial constructions and major refinery projects.

URTIM was founded as a family-owned company in Istanbul Turkey. Our goal is to create high-end products with our superior proficient R&D in engineering and state of the art robotic production technology.

Our products are manufactured & certified according to European standards as well as other international standards.

“We form the solution and rise for the safety”

Thanks to our nearly half a century of experience and to our solution oriented engineering team URTIM has always efficient work cycle and offers solid safety from the project start to after sales services.

URTIM is recognized and competent producer in industrial applications worldwide; exporting systems to Europe, America, Middle East, Africa and Asia with the 80% export ratio. URTIM is a registered and current scaffolding supplier of most of the biggest construction and petrochemical companies listed in Engineering News-Record, ENR.

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urtim.com

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