



Formwork Catalogue

Confidence from the Ground up



Important notice

Prior the use of our products, please read carefully the applicable local safety and health regulations.

The use of our products shall be performed in accordance with load restrictions and assembly instructions. Moreover, please note that static calculations are necessary in the event of exceeding the standard usage.

The product images shown are for illustration purposes only and may not be an exact representation of the product.

All reasonable efforts and measures have been taken in order to ensure the accuracy of the information contained in this catalog. However, S.B.A group cannot be held responsible for any errors or un-accuracy and therefore reserves the right to make changes to the catalog and its functions from time to time without prior notice.

S.B.A group accepts no responsibility or liability for any losses or damages of any kind arising out of the use of this catalog or any of its related functions.

Confidence from the Ground up

Almost 40 years after the establishment of the company, and with the second generation running the company's three divisions, we continue to offer our customers the "fruit" of the SBA Group's faster, more efficient formwork systems for the construction industry.

Moving forward with deep knowledge, determination and innovation we are committed to constant growth and customer service. The SBA Group has become an international organization in recent years, introducing three new subsidiaries in Serbia, Poland and Romania. Our overseas branches provide engineering and logistical services to local customers in the local language and conditions.

More recently, we significantly expanded our R&D unit and are introducing a substantial number of new systems and complementary products to our customers. In addition to the development within the company, we are working to bring our customers advanced construction systems produced by our market-leading business partners.

Today, the SBA Group operates from seven sites in four countries, employs 250 employees and exports its products (primarily to Europe and Africa). In spite of this expansion, we continue to make great efforts to preserve our long-standing business culture of closely focusing on customer needs.

We in the SBA Group can look back with great pride at our foundation of growth and success. We can say with confidence that by investing capital and keeping our long-term commitment to innovation, we will maintain the positive momentum for many years to come.

Arnon Eshed
Chairman & CEO



Ronen Lavie
VP Engineering



Udi Binyamin
VP Marketing & Sales



Nitzan Bar
VP Operations



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INTRODUCTION

Meet S.B.A. Metal Works
About S.B.A.
Logistics Center
Strategy
Strategic Goals





MEET S.B.A. METAL WORKS LTD.

S.B.A. Metal Works specializes in the design, production and manufacture of formwork solutions for casting concrete walls and slabs of any height, shape or thickness.

- Infrastructure
- Residential
- Commercial

ABOUT S.B.A.

Established in 1979, S.B.A. facilities and manufacturing plants are located near Haifa Bay, in the northern part of Israel.

Today, we employ more than 250 professional and qualified employees in production, engineering, marketing, technical support and services. Our factory and storage facilities cover a total area of 40,000 square meters.

Experience

With more than 40 years of experience, we are a leader for formwork systems in Israel's active building and construction sector. We cooperate with nearly all major building and infrastructure contractors/developers and have been involved in hundreds of successful construction projects.





STRATEGIC GOALS

- To open subsidiaries in target locations
- To offer technical consulting programs and pricing customized project needs (rent or purchase)
- To work together with our customers, contractors, distributors, agents and subsidiaries



LOGISTICS CENTER

- 30,000 square meter storage facilities
- Thousands of items in stock and available to meet project needs

STRATEGY

- Maintain our dominant position as the leading formwork supplier in the local market
- Introduce our products and expand our presence in new markets around the world
- Constantly innovate and develop new products
- Maintain our commitment to strong customer support

MANUFACTURING & R&D



MANUFACTURING

We make ongoing investments to utilize advanced production and manufacturing methods and equipment to provide high-quality, professional solutions to meet our customers' needs.

State-of-the-art CNC machines and new production lines are some steps we have taken to ensure that our products remain precise and efficient.

Our Manufacturing and Engineering departments are fully coordinated to guarantee that the final finished products meet our customers exact requirements.



QC Policy

All of our production facilities comply with the regulations related to ISO 9001 - 2015.

By controlling job management, processes and performance, along with our competence, knowledge, skills and experience, we maintain our high standards in production.



R&D

We believe it is our obligation to give each customer expert casting and technical solutions. To meet this obligation, our R&D Department focuses on producing new or custom solutions and improving existing solutions that meet our clients' expectations – and requirements – no matter how challenging. We are flexible thinkers. We seek out-of-the-box solutions. We enjoy participating in the brainstorming process with our customers. We can develop and create special solutions and products on the spot, when needed.



SERVICES

Worldwide Exports
Rental & Maintenance
Project Planning & Site Support
Large Area H2O Timber Beam Formwork





WORLDWIDE EXPORTS

- Market our products around the world through direct channels (from the factory direct to the customer) – Asia, Africa and Europe
- Supply customers through our subsidiaries in Serbia, Poland and Romania (in these locations we also offer an option to rent)



RENTAL & MAINTENANCE

We offer our customers a flexible leasing option for selected products and accessories (wall formwork systems, slab formwork systems and scaffolding). Due to our high-quality reconditioning service, rental equipment is maintained in accordance with high standards.



PROJECT PLANNING & SITE SUPPORT

Our more than 30 qualified engineers plan and prepare detailed shop/technical drawings for all projects to satisfy architectural and construction requirements and to meet budget and time constraints. They also provide on-site consulting, as required.

LARGE AREA H20 TIMBER BEAM FORMWORK

We offer custom panel assembly and dismantling services for large-area panels, so our customers have accurate, exact and clean panels that are ready to use.

FORMWORK SYSTEMS

Wall Formwork Systems
Slab Systems
Working & Protection Platforms



Wall Formwork Systems

Complete Solutions
for Casting Concrete Walls

- Rummy™ Framed Formwork System
- Rummy Max™ Framed Formwork System
- Maze™ Timber Beam Formwork System
- Columns
- Circular Wall Formwork Systems
- Single-Sided Wall Formwork System





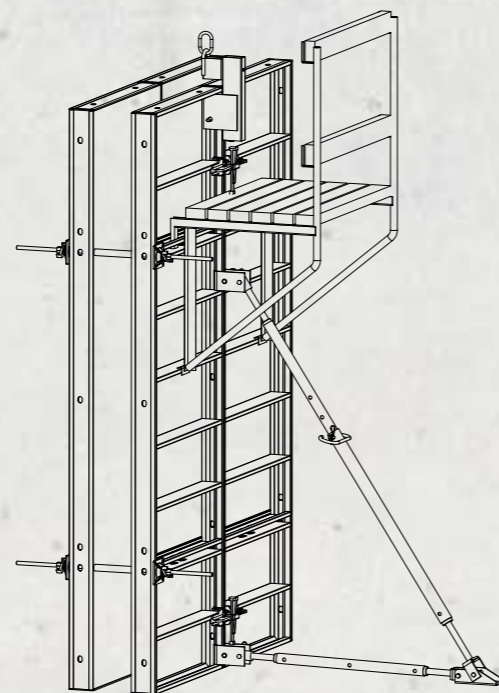
Rummy™ Framed Formwork System

The modular, crane-independent frame formwork solution for casting concrete walls, columns and beams



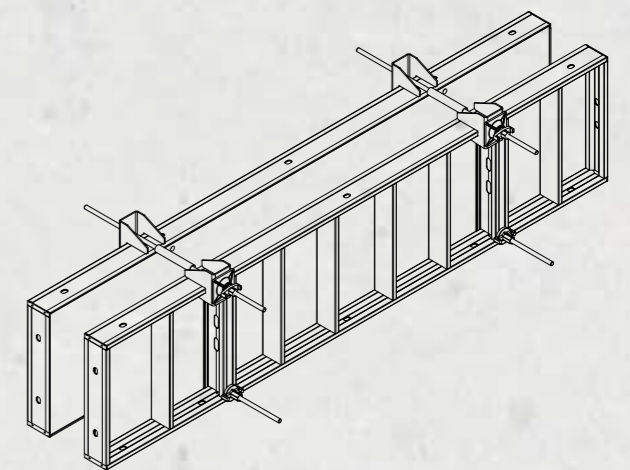
Advantages

- Easy, fast and simple to assemble
- Logical, "smart" panel dimensions
- Wide range of panel sizes
- Strong, light weight galvanized frame
- Powder-coated paint frame finish
- Ensure high-quality concrete surface due to integrated 15 mm birch plywood, with phenolic film
- Cost savings: Can be shifted quickly
- Can be used with or without crane



Suitable for Foundations

The system can be used for foundations, cores, columns, connection beams and more.

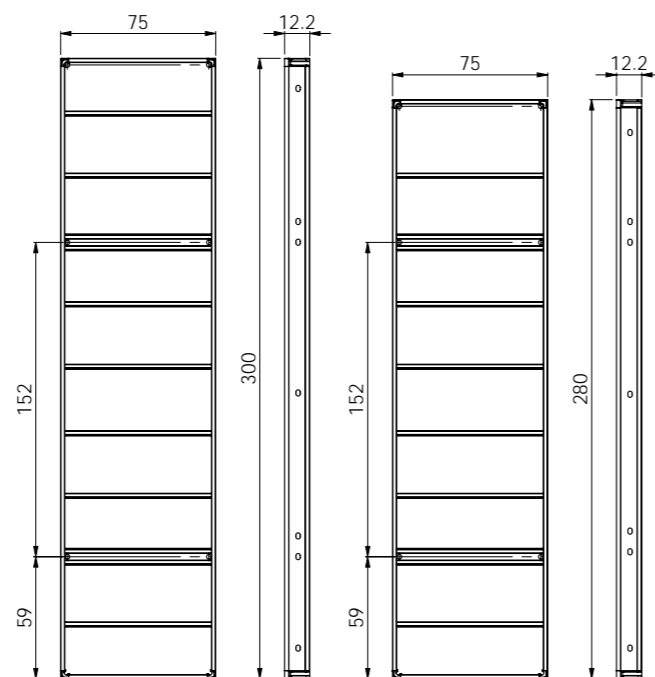




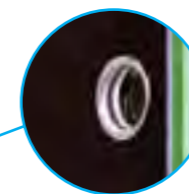
Rummy™ Framed Formwork System

Product Benefits & Specifications

- Top-quality galvanized steel profile
- Panel front: birch plywood with brown phenolic coating for an excellent concrete surface
- Easy to clean: Painted powder coating prevents the concrete from sticking to the panel
- Quick, easy replacement for plywood
- Produced using advanced technologies



- Metal grommet protects tie rod passage



- Framed, protected tie rod hole



- Heavy-duty steel protects corners





Rummy™ Framed Formwork System

Joint & Panel Dimensions

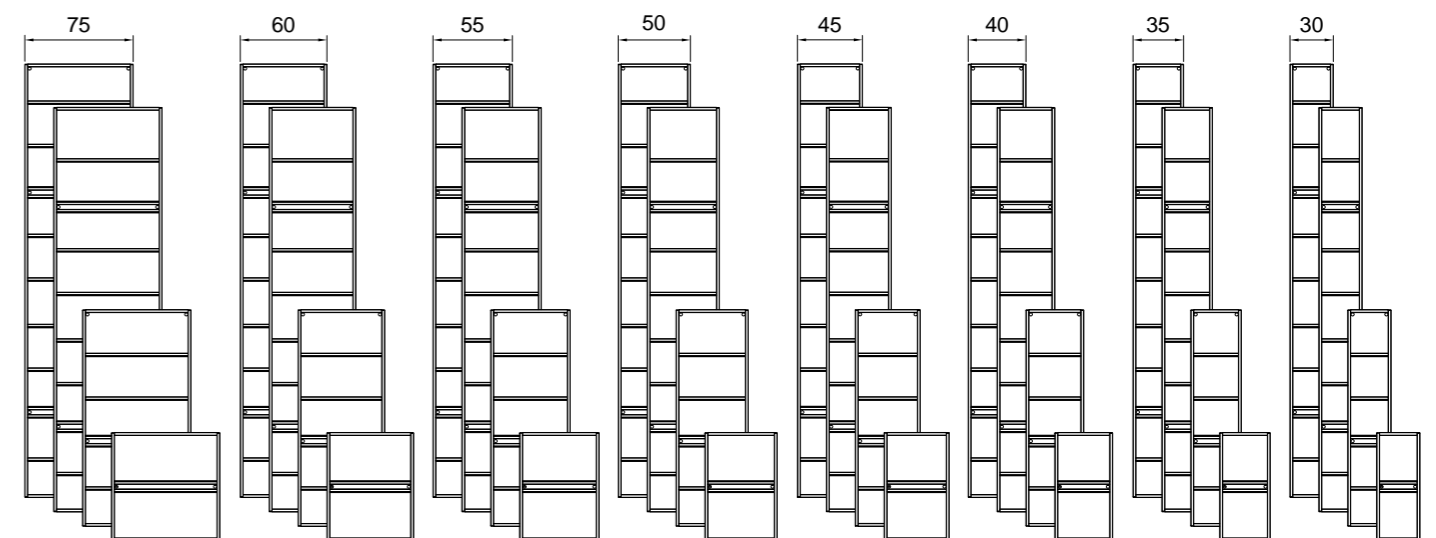
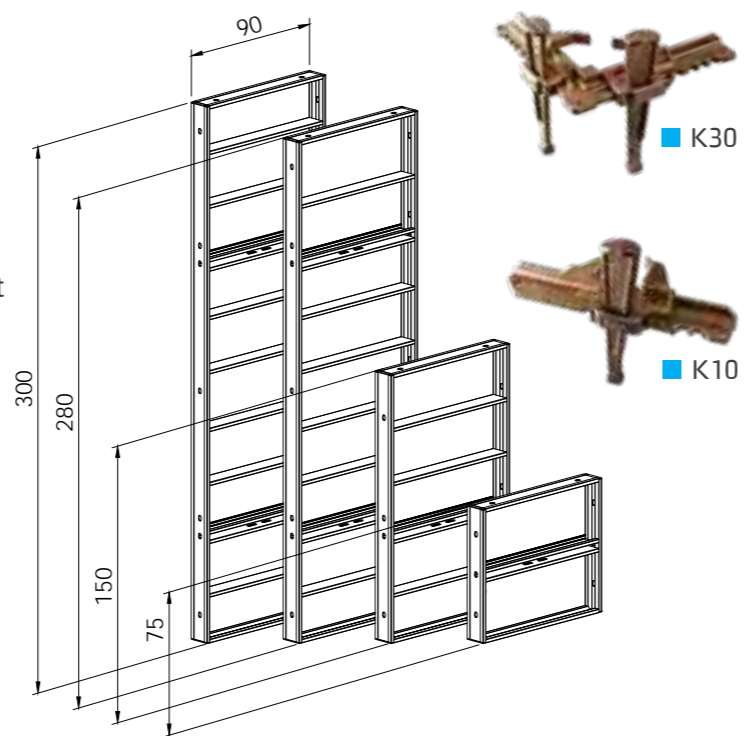
The Big Advantage of Rummy

The large scale of the panel grid saves time and cost by minimizing the use of timber-fitting zones.

- Panel grid: 30/35/40/45/50/55/60/75/90 cm
- Other dimensions available on request up to 3.0 m height and 1.2 m width.

The Rummy K10 clamp approximates the timber beam fitting zone of 9 cm.

The Rummy K30 corner clamp is specially adjusted to approximate the panel's outside corners, columns and stop ends.





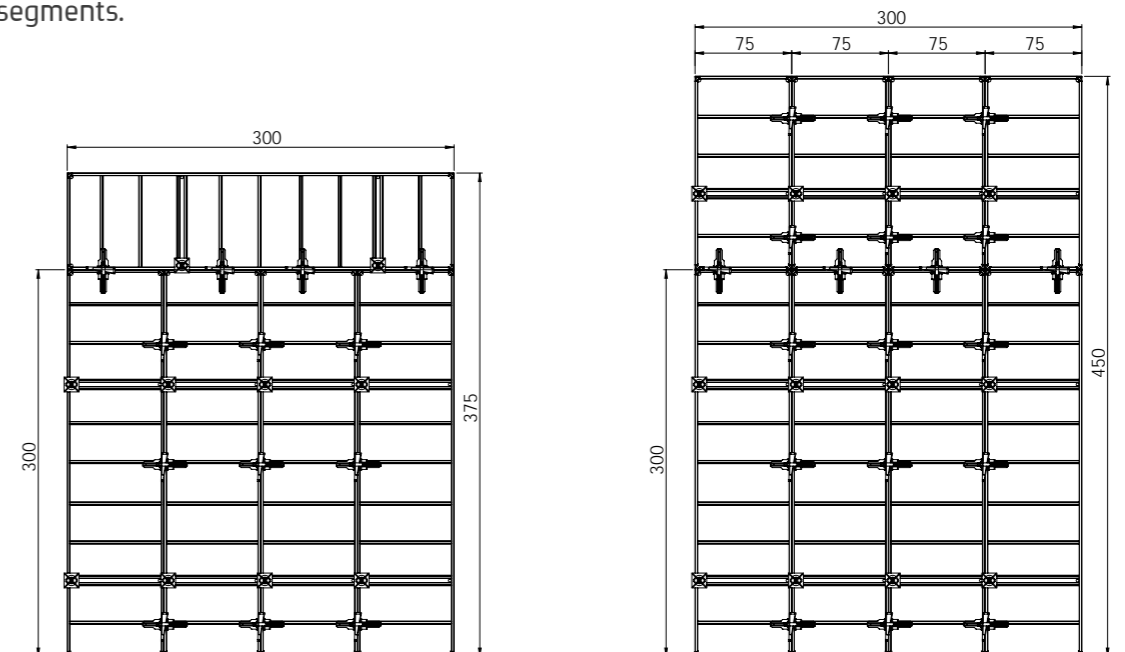
Rummy™ Framed Formwork System

Stacking Solutions

- Can be used with or without crane
- Can be lifted as one segment (6 panels at one time)
- Can carry a fresh concrete load of 60 kN/m^2
- Logical, flexible widths: 30/35/40/45/50/55/60 cm (5 cm grid) and 60/75/90 cm (15 cm grid)
- Saves fitting zone and plank usage that can slow down the positioning process of the forms
- Use two quick K10 clamps at a height of 3.00 m to save assembly time and accessories
- Stack with 1.5/3.0 m panel to a recommended height of 4.5/6.0 m



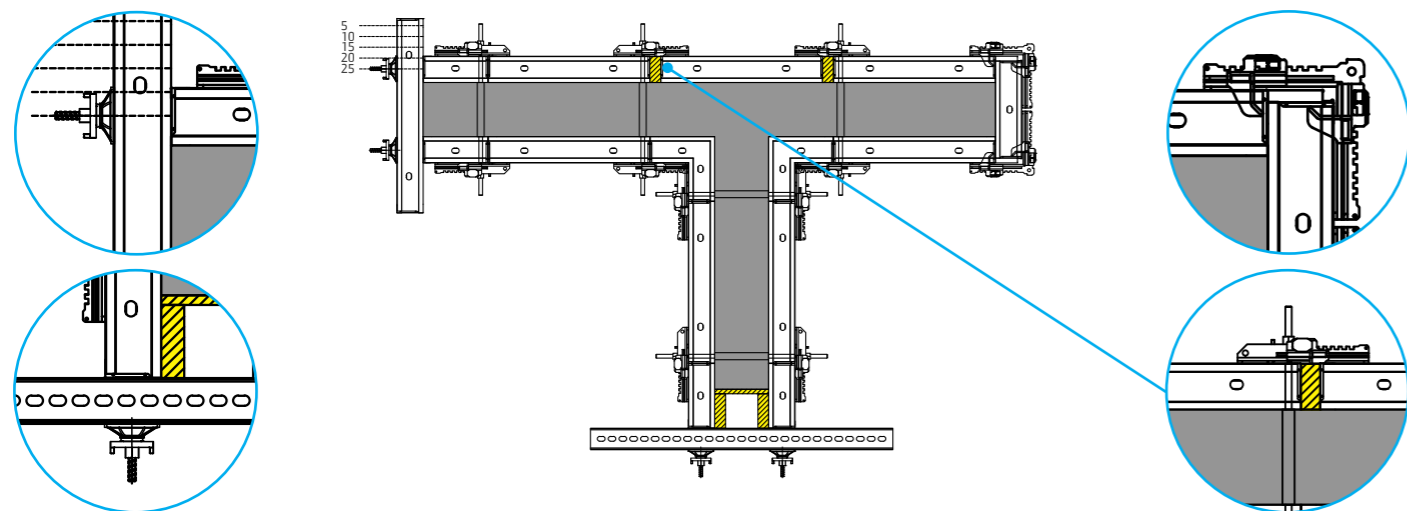
Logical grid dimensions with either vertically or horizontally stacked panels. Possible to fix completely symmetrical segments.



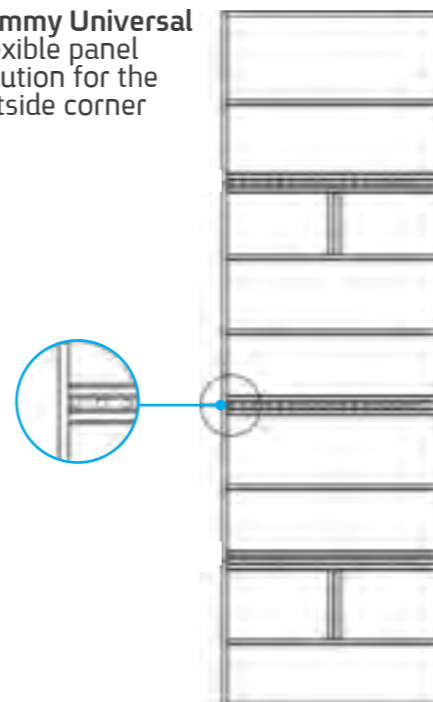


Rummy™ Framed Formwork System

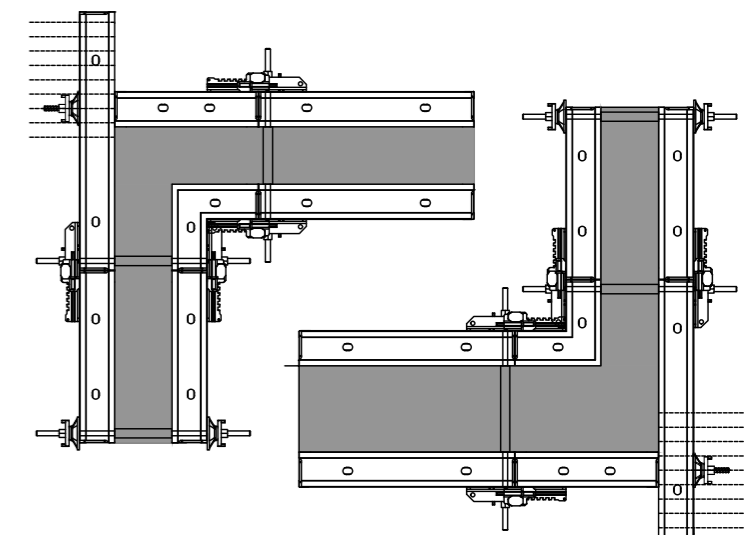
Intersections, Outside Corners & Stop Ends



■ Rummy Universal Flexible panel solution for the outside corner



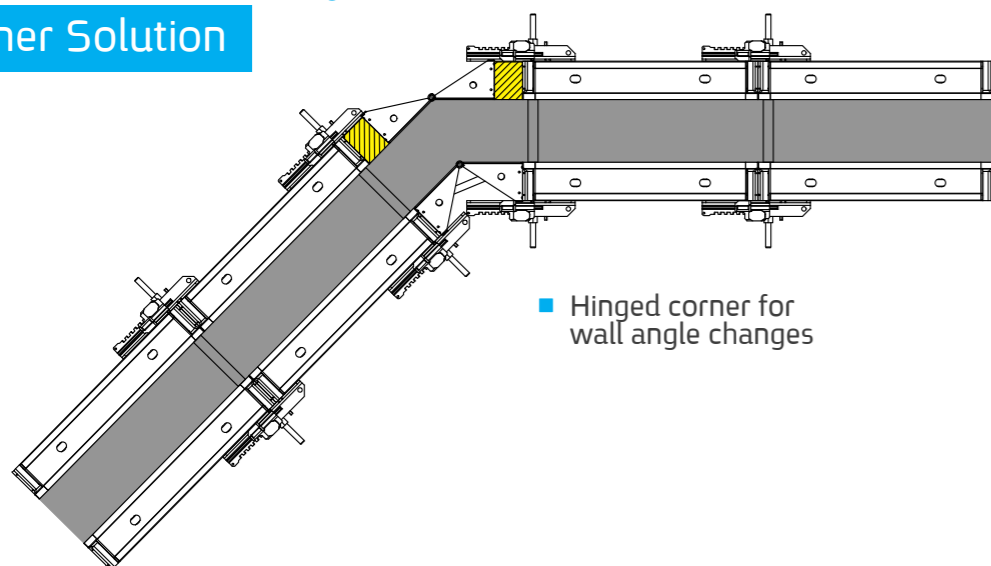
■ 5 cm grid maximizes options for walls in columns



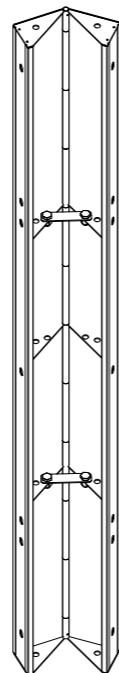


Rummy™ Framed Formwork System

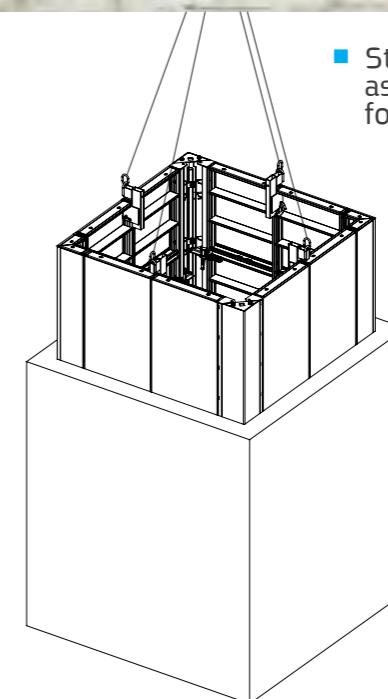
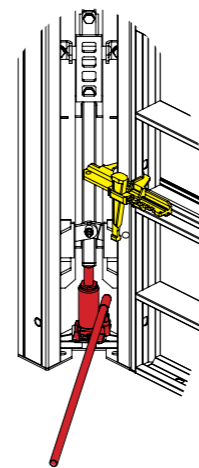
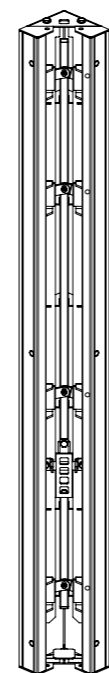
Corner Solution



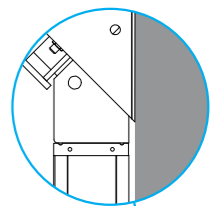
20x20 cm



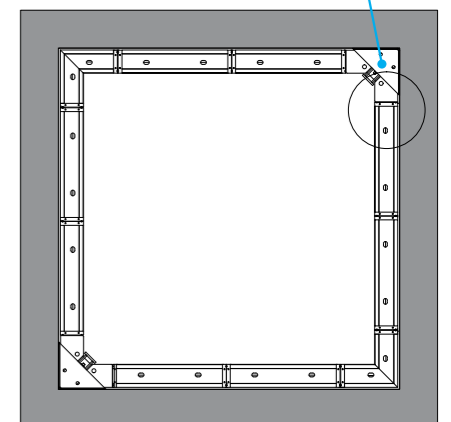
30x30 cm



■ Stripped corner for easy assembly/dismantling inside forms in the shafts



■ 2 cm gap from concrete



Rummy™ Framed Formwork System

Special for Foundations

The highly versatile system can be used for foundations, cores, columns, connection beams – and more.



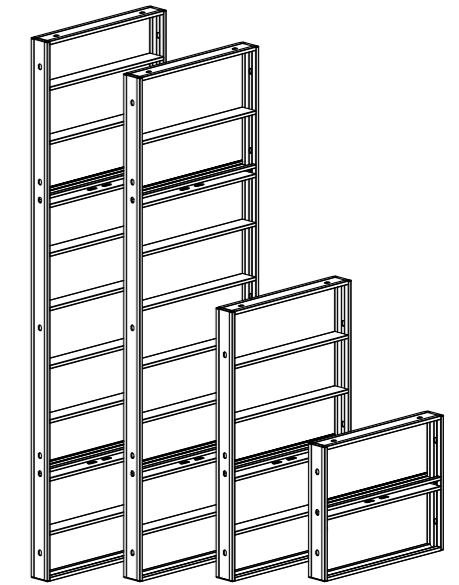
Description & Dimensions	Weight (kg)	Cat. No.
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Rummy Panel 0.90x3.00m	87.0	5904010
Rummy Panel 0.75x3.00m	75.0	5904020
Rummy Panel 0.60x3.00m	64.0	5904030
Rummy Panel 0.55x3.00m	62.0	5904040
Rummy Panel 0.50x3.00m	58.0	5904050
Rummy Panel 0.45x3.00m	56.0	5904060
Rummy Panel 0.40x3.00m	55.0	5904070
Rummy Panel 0.35x3.00m	50.0	5904080
Rummy Panel 0.30x3.00m	45.0	5904085

Rummy Panel 0.90x2.80m	84.0	5900010
Rummy Panel 0.75x2.80m	72.0	5900020
Rummy Panel 0.60x2.80m	61.0	5900030
Rummy Panel 0.55x2.80m	59.0	5900040
Rummy Panel 0.50x2.80m	55.0	5900050
Rummy Panel 0.45x2.80m	53.0	5900060
Rummy Panel 0.40x2.80m	52.0	5900070
Rummy Panel 0.35x2.80m	47.0	5900080
Rummy Panel 0.30x2.80m	42.0	5900085

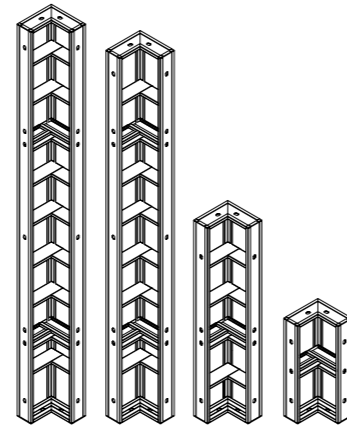
Rummy Panel 0.90x1.50m	45.0	5900400
Rummy Panel 0.75x1.50m	40.0	5900410
Rummy Panel 0.60x1.50m	36.0	5900420
Rummy Panel 0.55x1.50m	35.0	5900430
Rummy Panel 0.50x1.50m	33.0	5900440
Rummy Panel 0.45x1.50m	31.0	5900450
Rummy Panel 0.40x1.50m	27.0	5900460
Rummy Panel 0.35x1.50m	26.0	5900470
Rummy Panel 0.30x1.50m	23.0	5900475

Rummy Panel 0.90x0.75m	26.0	5906080
Rummy Panel 0.75x0.75m	23.0	5906070
Rummy Panel 0.60x0.75m	20.0	5906060
Rummy Panel 0.55x0.75m	19.0	5906050
Rummy Panel 0.50x0.75m	18.0	5906040
Rummy Panel 0.45x0.75m	17.0	5906030
Rummy Panel 0.40x0.75m	16.0	5906020
Rummy Panel 0.35x0.75m	15.0	5906010
Rummy Panel 0.30x0.75m	14.0	5906005

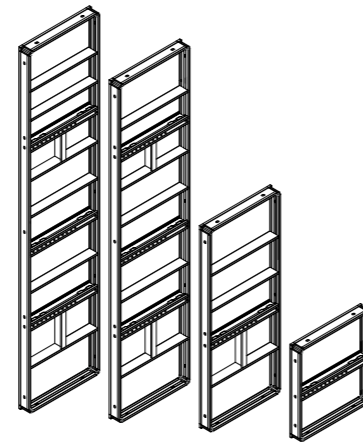


Description & Dimensions	Weight (kg)	Cat. No.
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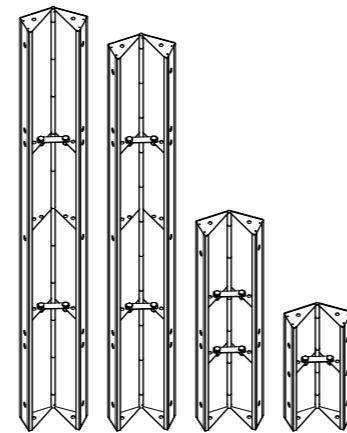
Rummy Inside Corner 0.30/0.30x3.00m	60.0	5904090
Rummy Inside Corner 0.20/0.20x3.00m	69.0	5904110
Rummy Inside Corner 0.30/0.30x2.80m	57.0	5900090
Rummy Inside Corner 0.20/0.20x2.80m	66.0	5900095
Rummy Inside Corner 0.30/0.30x1.50m	34.0	5900480
Rummy Inside Corner 0.20/0.20x1.50m	36.0	5900485
Rummy Inside Corner 0.30/0.30x0.75m	18.0	5906095
Rummy Inside Corner 0.20/0.20x0.75m	16.0	5906100



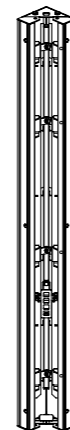
Rummy Universal Panel 0.90x3.00m	87.0	5904011
Rummy Universal Panel 0.90x2.80m	83.0	5904300
Rummy Universal Panel 0.90x1.50m	58.0	5904301
Rummy Universal Panel 0.90x0.75m	32.0	5904302
Rummy Universal Panel 0.75x3.00m	73.0	5904303
Rummy Universal Panel 0.75x2.80m	69.0	5904304
Rummy Universal Panel 0.75x1.50m	50.0	5904305
Rummy Universal Panel 0.75x0.75m	28.0	5904306



Rummy Hinged Corner 0.20/0.20x3.00m	71.0	5904095
Rummy Hinged Corner 0.20/0.20x2.80m	68.0	5900100
Rummy Hinged Corner 0.20/0.20x1.50m	36.0	5900490
Rummy Hinged Corner 0.20/0.20x0.75m	18.0	5900491

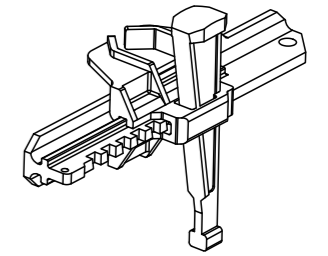


Stripping Corner 0.30/0.30x3.30m	158.0	6104120
Stripping Corner 0.30/0.30x3.00m	146.0	6104020

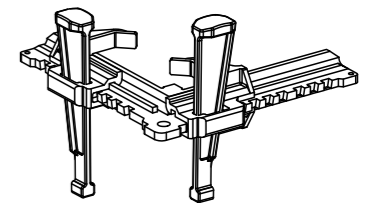


Description & Dimensions	Weight (kg)	Cat. No.
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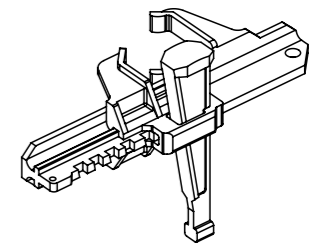
Rummy Standard Clamp K10	4.0	5900105
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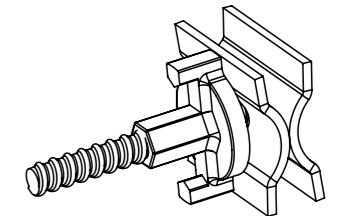
Rummy Corner Clamp K30	6.6	5900130
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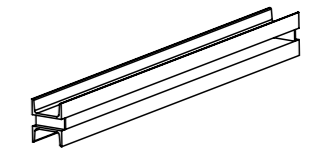
Transition Clamp (Adapted Clamp - Rummy Formwork to Stripping Corner)	4.1	5900180
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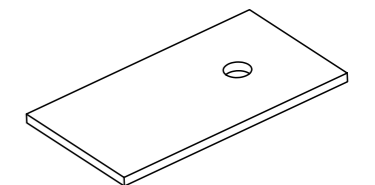
Rummy Panel Connector	1.5	5900151
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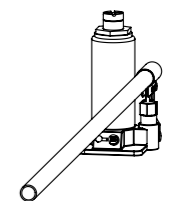
Steel Waling L=1.40m	16.4	5900220
Steel Waling L=3.00m	36.0	5900223



Pressure Plate 8x120x220	1.7	5900210
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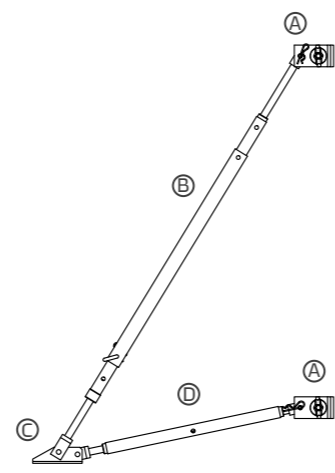


Hydraulic Jack	10.5	6100600
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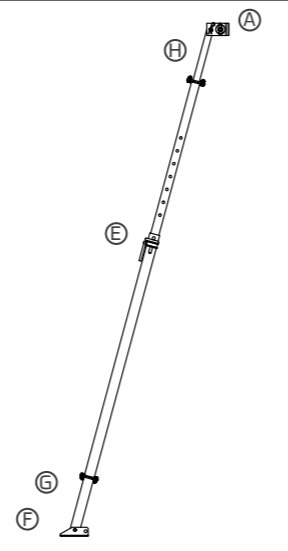


Description & Dimensions	Weight (kg)	Cat. No.
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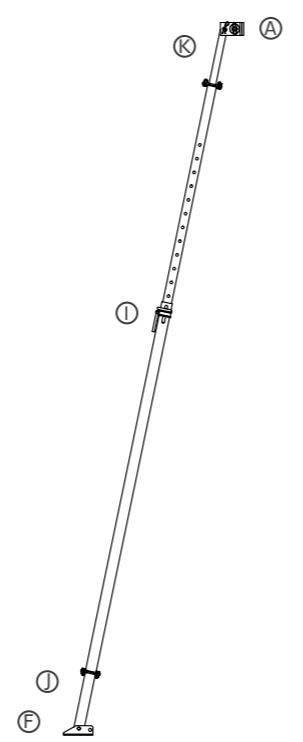
Rummy Panel Strut 3.0m	27.6	
Ⓐ Rummy Closer Plate for Strut	2.3	5900150
Panel Strut 3.0m	23.0	96000335
Ⓑ Main Strut		96000335-1
Ⓒ Strut Connector		96000335-3
Ⓓ Lower Spindle Strut		96000335-2



Rummy Panel Strut 3.5m	25.3	
Ⓐ Rummy Closer Plate for Strut	2.3	5900150
Panel Strut 3.5m	23.0	96000324
Ⓔ Prop 180/300 20 kN		6250100
Ⓕ Strut Connector		96000341
Ⓖ Lower Extension		96000324-2
Ⓗ Upper Extension		96000324-1

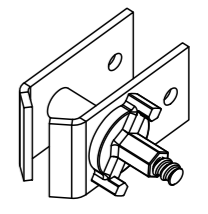


Rummy Panel Strut 6.0m	48.3	
Ⓐ Rummy Closer Plate for Strut	2.3	5900150
Panel Strut 6.0m	46.0	96000325
Ⓛ Prop 280/500 20 kN		6250102
Ⓖ Strut Connector		96000341
Ⓜ Lower Extension		96000325-2
Ⓨ Upper Extension		96000325-1

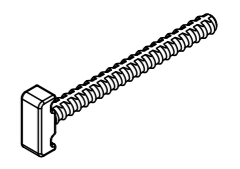


Description & Dimensions	Weight (kg)	Cat. No.
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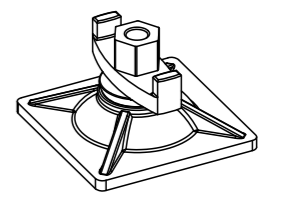
Rummy Closer Plate for Strut	2.3	5900150
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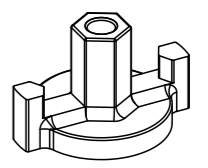
Fixing Bolt T25	0.5	5900190
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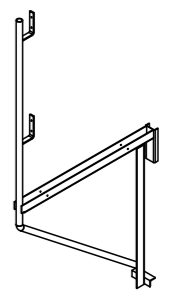
Nut 120S	1.1	96200040
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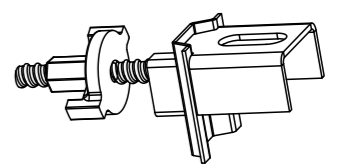
Nut 70S	0.4	96100010
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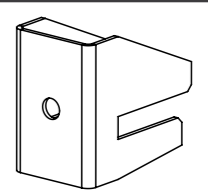
Rummy Pouring Bracket	7.0	5900140
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Holder for Pouring Bracket	1.4	5900145
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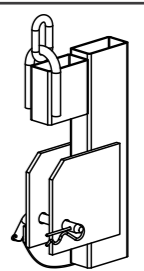


Rummy Tie Rod Adapter	1.8	5900230
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Rummy Lifting Hook	9.5	5900160
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Rummy Long Lifting Hook	11.7	5900170
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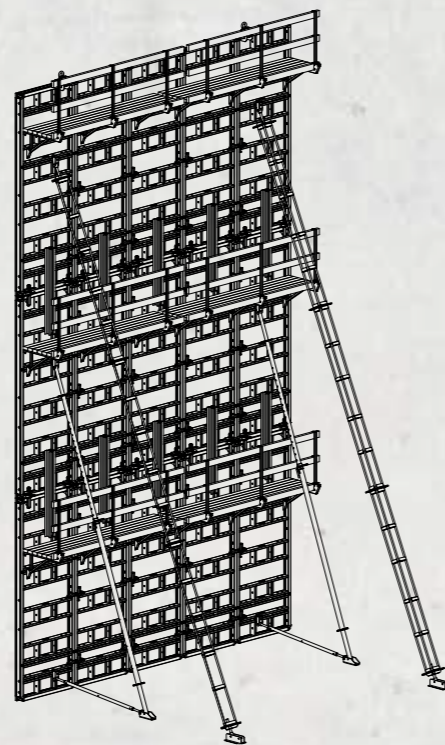


Rummy Max™ Framed Formwork System

Heavy-duty, crane-lifted formwork systems for covering large areas

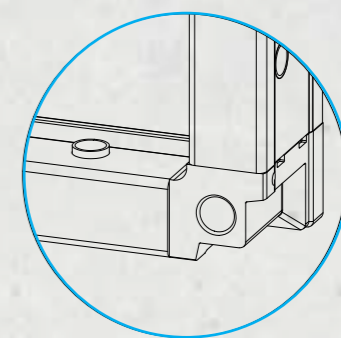
- Exceptionally strong
- Quick, simple assembly/disassembly
- Good investment due to the strength and long life of the product
- Ensure high-quality concrete surface due to integrated 18 mm birch plywood, with phenolic film

Permissible fresh-concrete pressure
80kN / m²



Advantages

- Top-quality hot-dip galvanized steel section profile
- Heavy-duty steel protects corners
- Fast casting: Forms withstand high pressure (80kN/m²)
- Typical panel heights: 330/300/150 cm, with only 2 tie rods bars (1 tie rods/2 m²), saves time and money
- Crane can lift large panel segments all at once

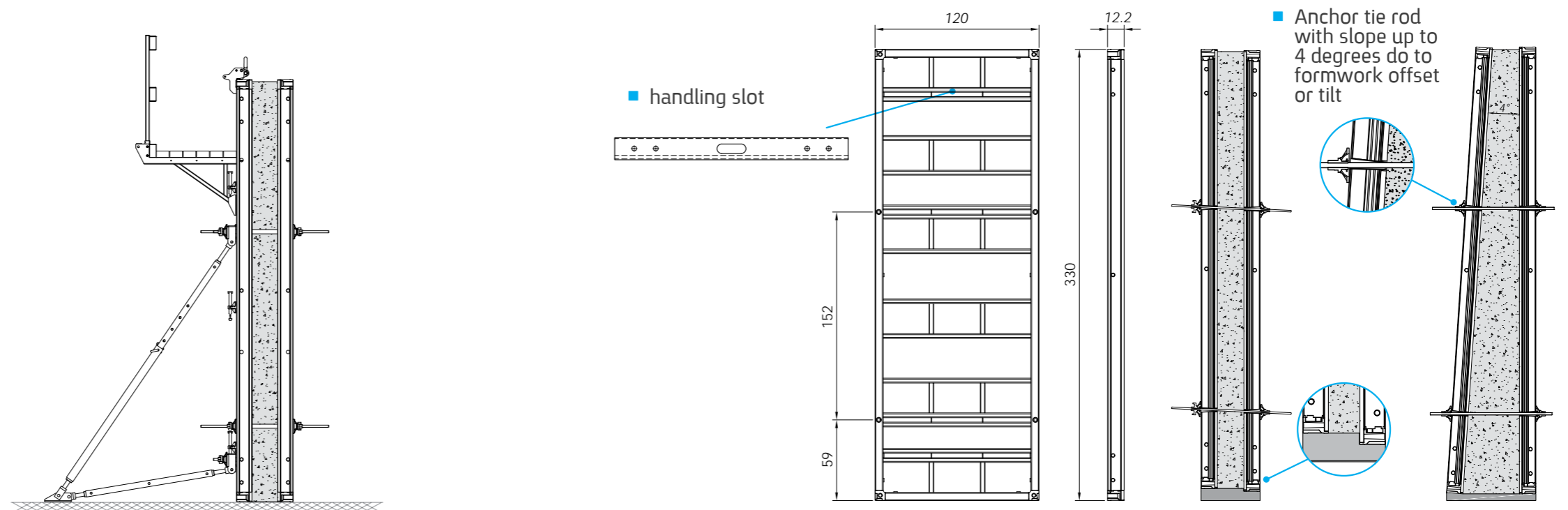




Rummy Max™ Framed Formwork System

Product Benefits & Specifications

- Special powder-coated paint for easy cleaning
- Protected, reinforced corner at panel edge for leveling and easy, safe dismantling of the elements
- Hand grip positioned on the formwork profile for easy, safe holding and handling



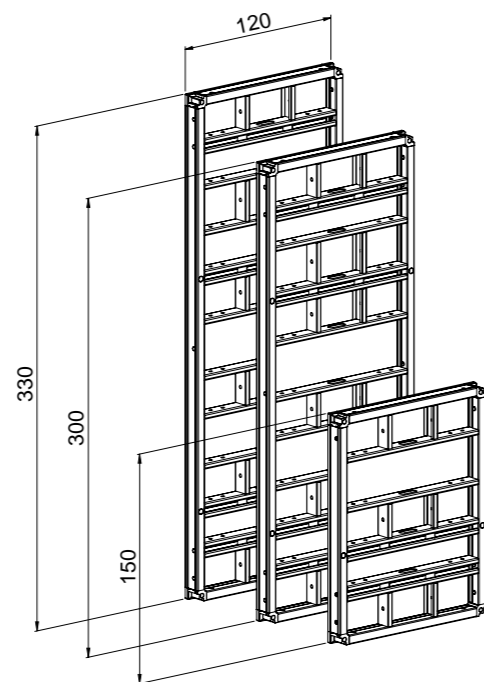


Rummy Max™ Framed Formwork System

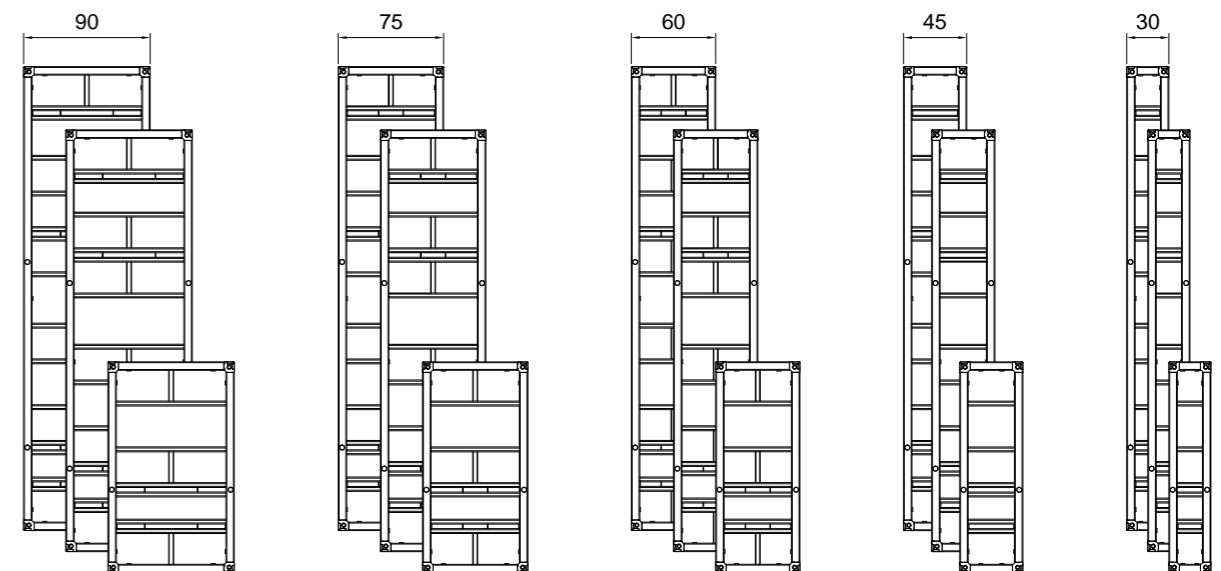
Joint & Panel Dimensions

Range of panel sizes minimizes the use of timber-fitting zones

- Panel heights: 330/300/150 cm
- Minimum accessories required – one type of K60 clamp only
- Perfect solution for casting retaining walls of any height or thickness



Large variety of panel dimensions for maximum flexibility minimizes fitting zone areas by 90%, saving time, labor and money.



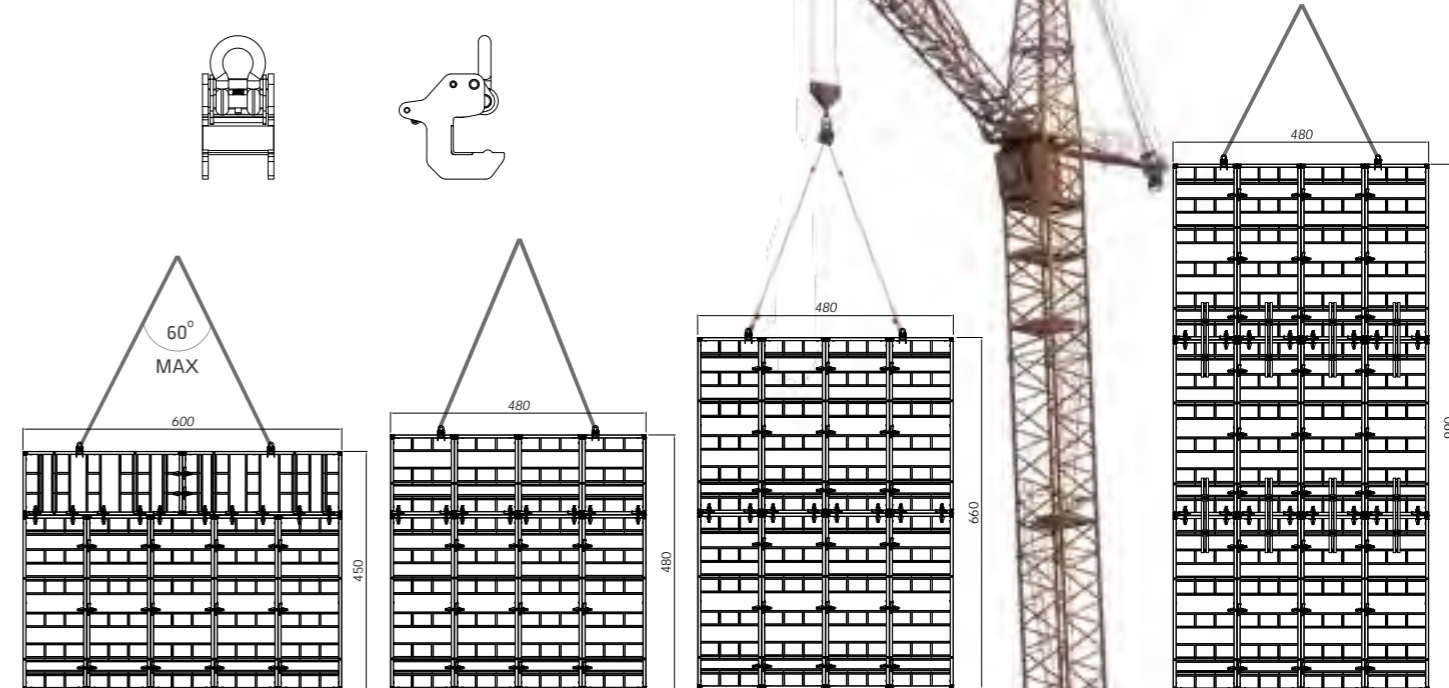
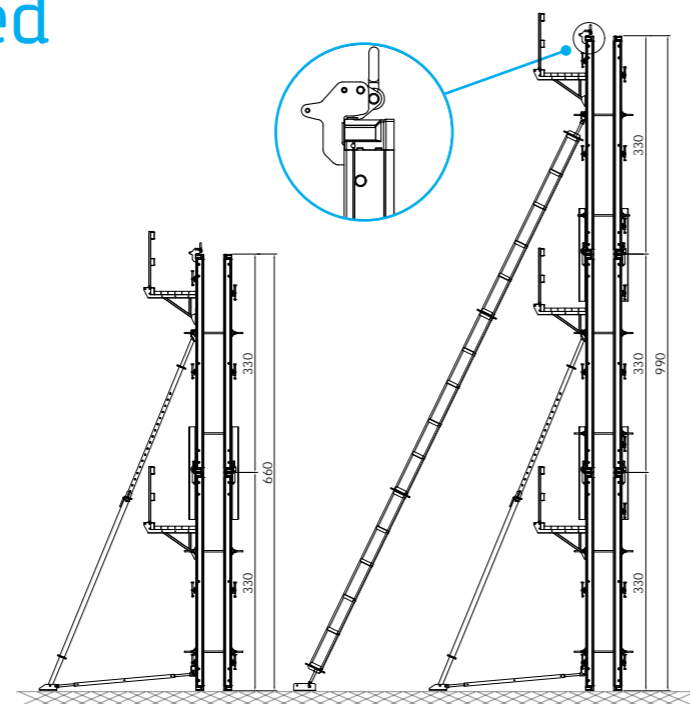


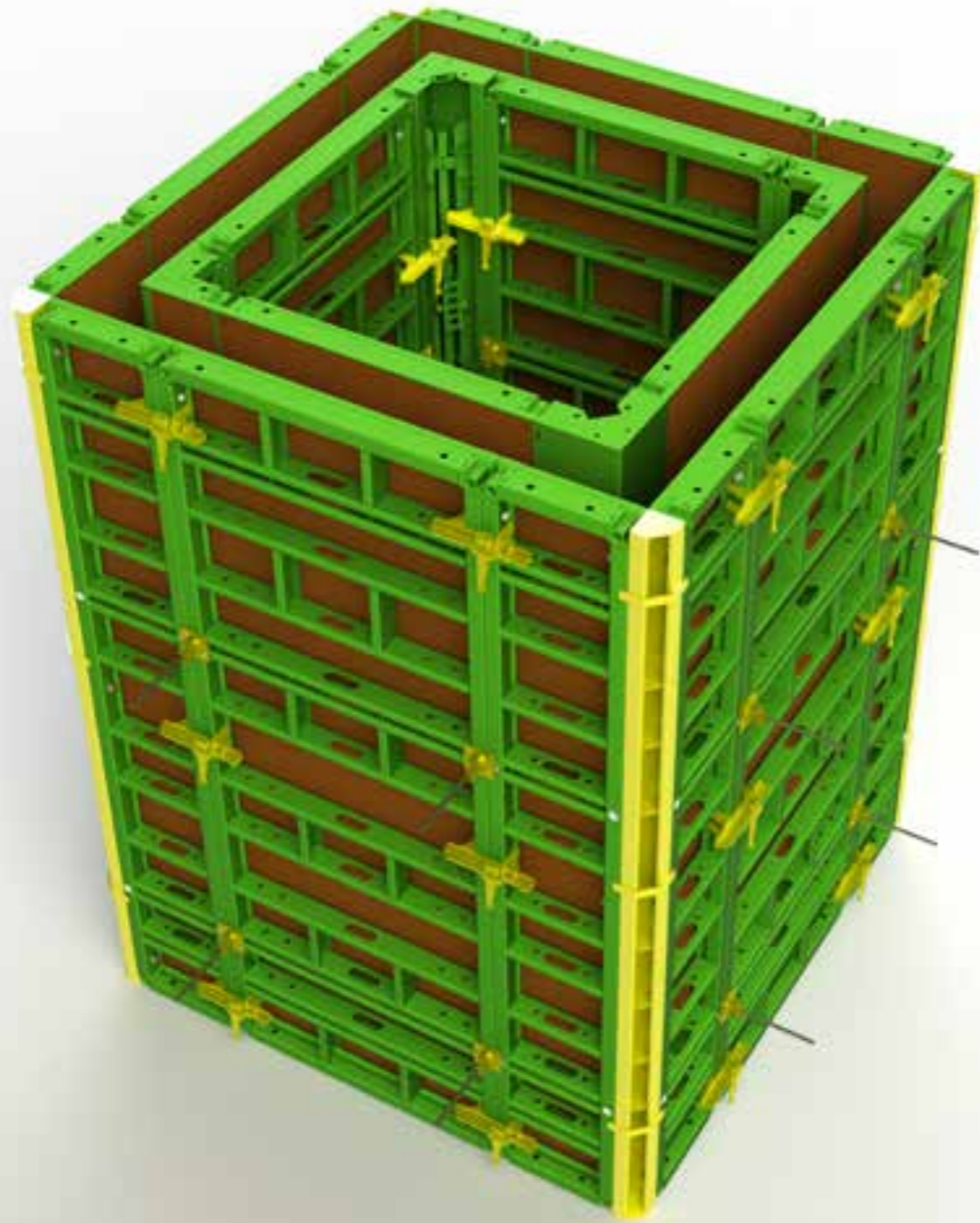
Rummy Max™ Framed Formwork System

Stacking Solutions

The modular formwork solution for retaining walls

- Crane can lift large formwork segments (up to 2 tons) at one time to expedite the work cycle (system weight ~80 kg/m²)
- Due to formwork strength, only 2 tie rods needed (up to 330x120 cm panel) = 1 tie rod per 2 m², saving time and material





Rummy Max™ Framed Formwork System

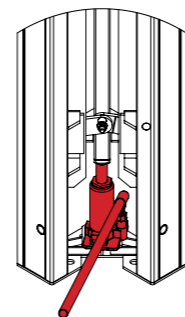
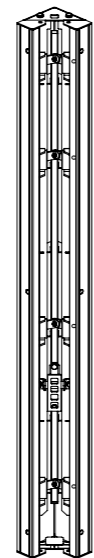
Stripped Corner Elements & Stripping Elements for Shafts

The innovative solution from S.B.A. for lifting the inner (inside) formwork in shafts all at once

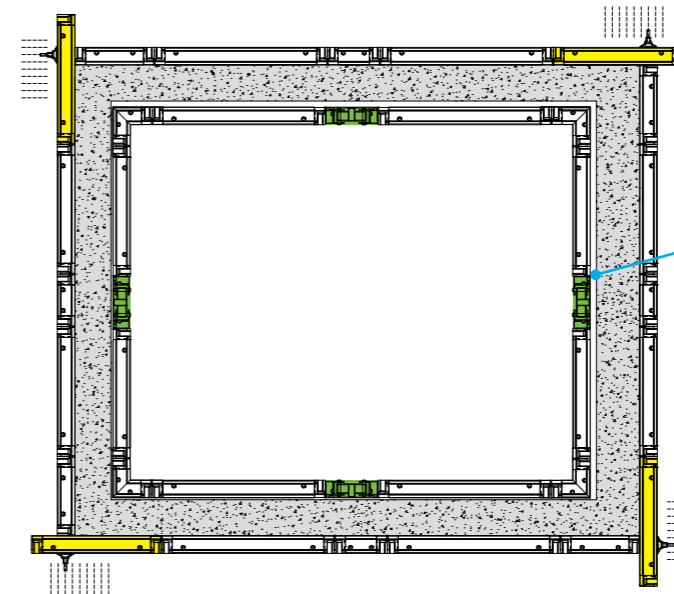
- Easy, fast dismantling and positioning of the hole in the shaft segment
- Take out only the tie rods
- Save labor and time
- Cost-effective
- Easy-to-use concrete-pressure release
- Strip inside forms completely – lift all at once

■ stripping corner

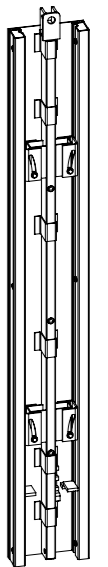
30x30 cm



■ Rummy Max stripping Element



40 cm

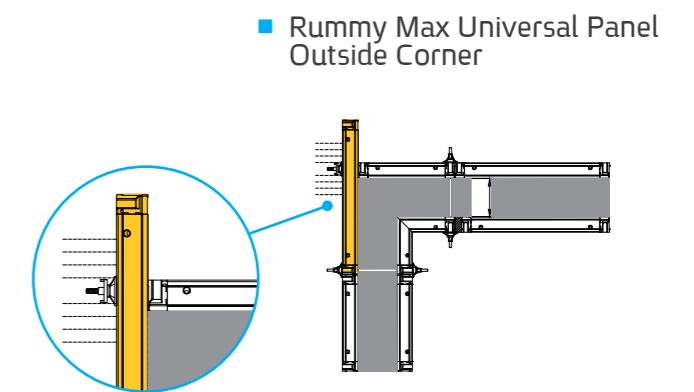
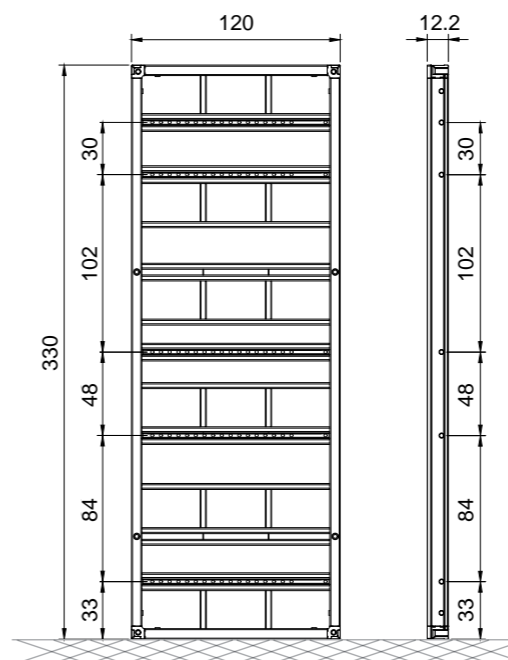
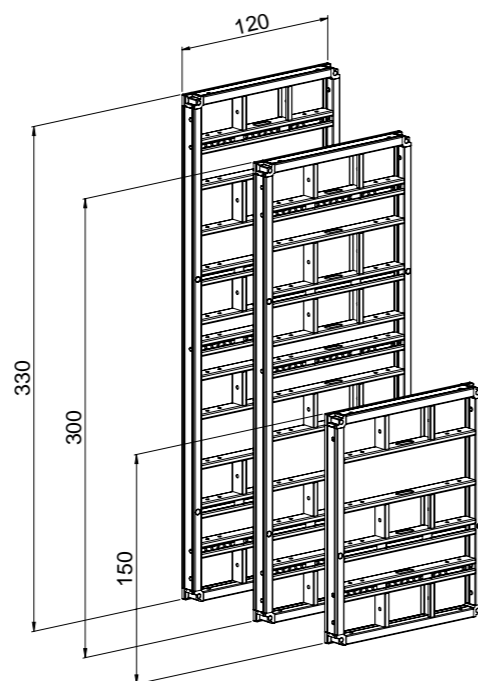




Rummy Max™ Framed Formwork System

Universal Panel

- For variable wall thicknesses, outside corners and columns
- Cast column up to 75x75 cm (with adjustments of 5 cm)
 - Cast 105x105 cm (maximum) with XL 120 Special Universal Panel

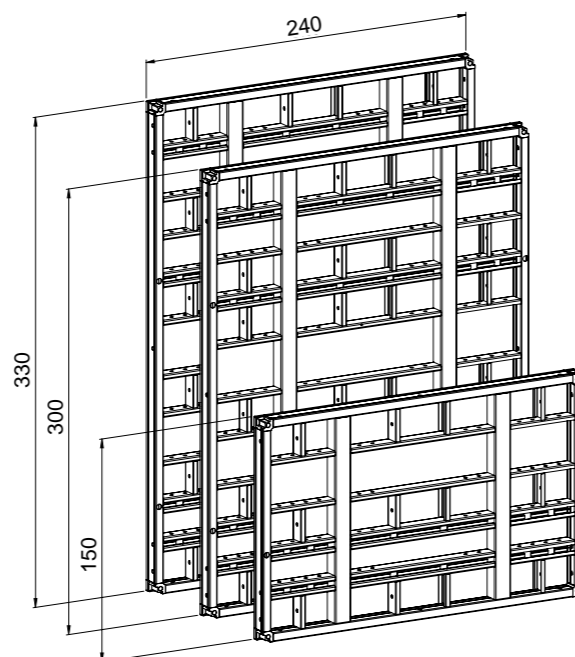




Rummy Max™ Framed Formwork System

Extra-large panel covers large areas quickly, with minimal anchoring

- Excellent for use with fair-face concrete and retaining walls
- Panel dimensions: 240x330/300/150 cm
- Other dimensions available on request



Description & Dimensions	Weight (kg)	Cat. No.
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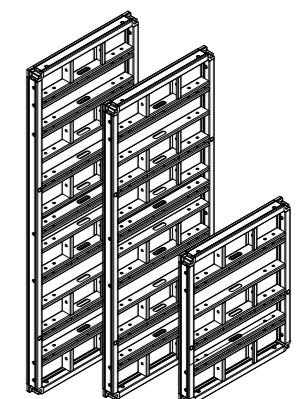
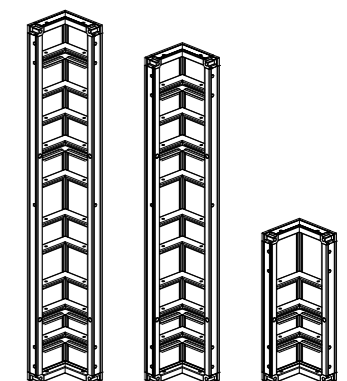
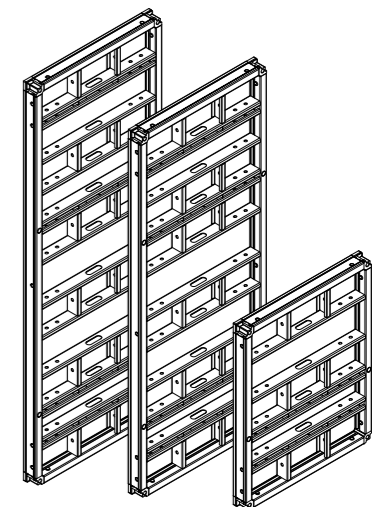
Rummy Max Panel 2.40x3.30m	400.0	6101010
Rummy Max Panel 1.20x3.30m	235.0	6101020
Rummy Max Panel 0.90x3.30m	187.0	6101030
Rummy Max Panel 0.75x3.30m	167.0	6101040
Rummy Max Panel 0.60x3.30m	147.0	6101050
Rummy Max Panel 0.45x3.30m	119.0	6101065
Rummy Max Panel 0.30x3.30m	98.0	6101080

Rummy Max Panel 2.40x3.00m	374.0	6100010
Rummy Max Panel 1.20x3.00m	220.0	6100020
Rummy Max Panel 0.90x3.00m	174.0	6100030
Rummy Max Panel 0.75x3.00m	155.0	6100040
Rummy Max Panel 0.60x3.00m	136.0	6100050
Rummy Max Panel 0.45x3.00m	109.0	6100065
Rummy Max Panel 0.30x3.00m	88.0	6100080

Rummy Max Panel 2.40x1.50m	206.0	6102010
Rummy Max Panel 1.20x1.50m	119.0	6102020
Rummy Max Panel 0.90x1.50m	94.0	6102030
Rummy Max Panel 0.75x1.50m	83.0	6102040
Rummy Max Panel 0.60x1.50m	73.0	6102050
Rummy Max Panel 0.45x1.50m	59.0	6102065
Rummy Max Panel 0.30x1.50m	48.0	6102080

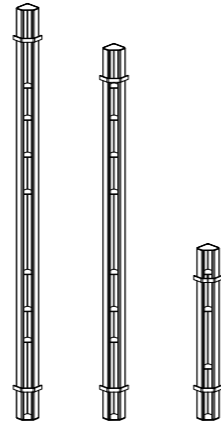
Rummy Max Inside Corner 0.45/0.45x3.30m	171.0	6101093
Rummy Max Inside Corner 0.30/0.30x3.30m	136.0	6101090
Rummy Max Inside Corner 0.45/0.45x3.00m	158.0	6100093
Rummy Max Inside Corner 0.30/0.30x3.00m	123.0	6100090
Rummy Max Inside Corner 0.45/0.45x1.50m	77.0	6102093
Rummy Max Inside Corner 0.30/0.30x1.50m	67.0	6102090

Rummy Max Universal Panel 1.20x3.30m	268.0	6104150
Rummy Max Universal Panel 0.90x3.30m	204.0	6104160
Rummy Max Universal Panel 1.20x3.00m	242.0	6104050
Rummy Max Universal Panel 0.90x3.00m	188.0	6104060
Rummy Max Universal Panel 1.20x1.50m	120.0	6104250
Rummy Max Universal Panel 0.90x1.50m	94.0	6104260

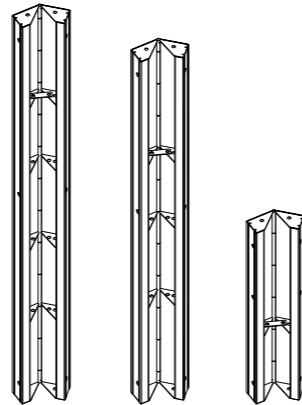


Description & Dimensions	Weight (kg)	Cat. No.
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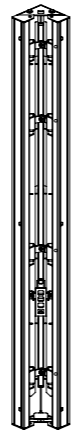
Rummy Max Outside Corner 3.30m	42.0	6101100
Rummy Max Outside Corner 3.00m	38.0	6100100
Rummy Max Outside Corner 1.50m	19.0	6102100



Rummy Max Hinged Corner 0.20/0.20x3.30m	115.0	6104130
Rummy Max Hinged Corner 0.20/0.20x3.00m	104.0	6104030
Rummy Max Hinged Corner 0.20/0.20x1.50m	52.0	6104230



Stripping Corner 0.30/0.30x3.30m	158.0	6104120
Stripping Corner 0.30/0.30x3.00m	146.0	6104020

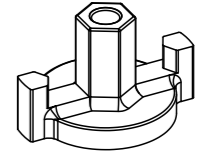


Rummy Max Stripping Element 0.40x3.30m	179.0	6104140
Rummy Max Stripping Element 0.40x3.00m	168.0	6104040

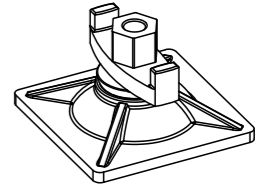


Description & Dimensions	Weight (kg)	Cat. No.
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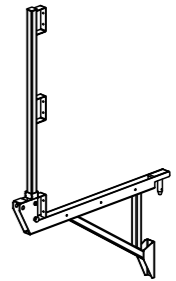
Nut 705	0.4	96100010
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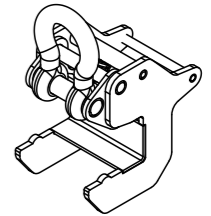
Nut 1205	1.1	96200040
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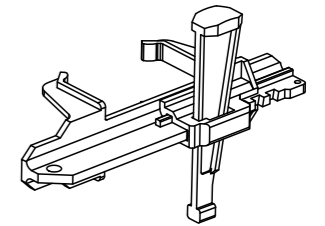
Rummy Max Pouring Bracket	8.2	6100140
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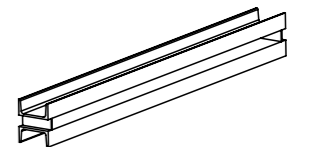
Rummy Max Lifting Hook	6.9	6100160
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Rummy Max Standard Clamp K60	4.2	6100200
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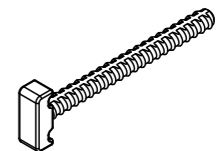


Steel Waling L=1.40m	16.4	5900220
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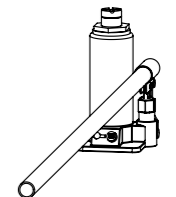


Fixing Bolt T25	0.5	5900190
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Fixing Bolt T35	0.8	5900191
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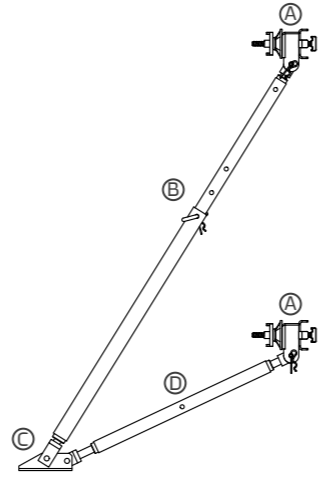


Hydraulic Jack	10.5	6100600
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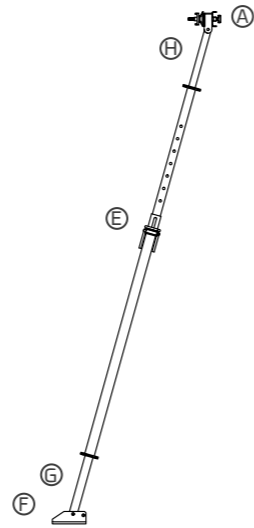


Description & Dimensions	Weight (kg)	Cat. No.
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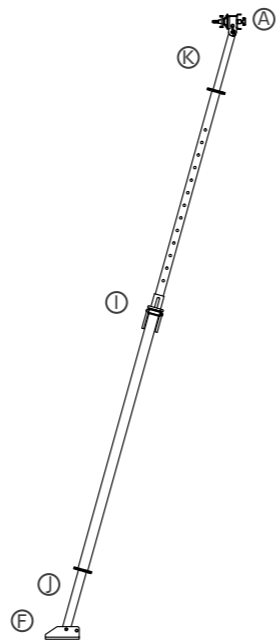
Rummy Max Panel Strut 3.0m	24.5	
Ⓐ Rummy Max Closer Plate for Strut	1.5	6100150
Panel Strut 3.0m	23.0	96000335
Ⓞ Main Strut		96000335-1
ⓐ Strut Connector		96000335-3
ⓑ Lower Spindle Strut		96000335-2



Rummy Max Panel Strut 3.5m	24.5	
Ⓐ Rummy Max Closer Plate for Strut	1.5	6100150
Panel Strut 3.5m	23.0	96000324
Ⓞ Prop 180/300 20 kN		6250100
ⓐ Strut Connector		96000341
ⓑ Lower Extension		96000324-2
ⓓ Upper Extension		96000324-1

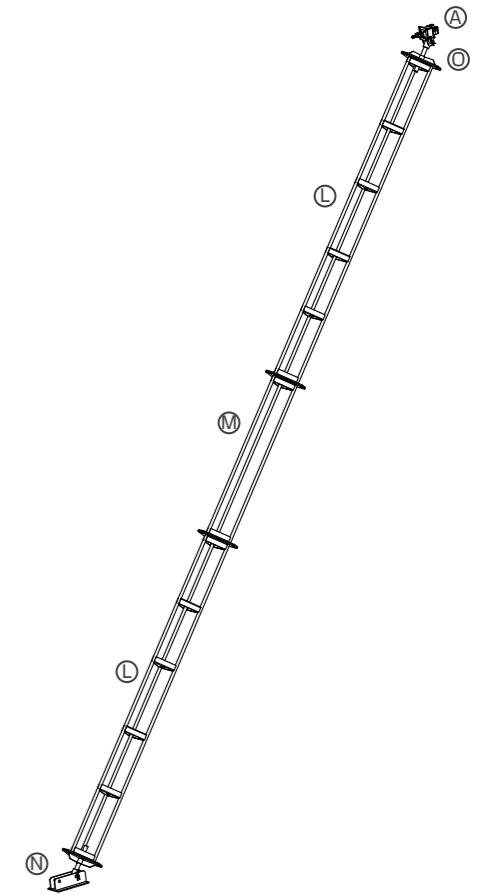


Rummy Max Panel Strut 6.0m	47.5	
Ⓐ Rummy Max Closer Plate for Strut	1.5	6100150
Panel Strut 6.0m	46.0	96000325
Ⓞ Prop 280/500 20 kN		6250102
ⓐ Strut Connector		96000341
ⓑ Lower Extension		96000325-2
ⓓ Upper Extension		96000325-1

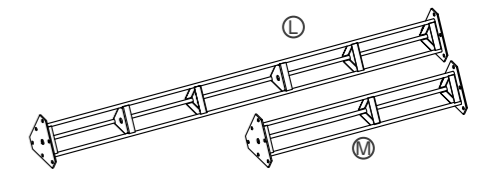


Description & Dimensions	Weight (kg)	Cat. No.
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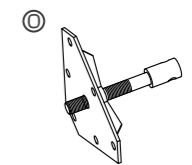
RAM Panel Strut 6.0m	76.0	6046016
RAM Panel Strut 7.5m	95.0	6046018
RAM Panel Strut 9.0m	106.0	6046015
RAM Panel Strut 12.0m	136.0	6046017



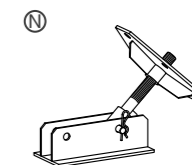
ⓐ Extension 3m	30.0	66000014
ⓓ Extension 1.5m	19.0	66000015



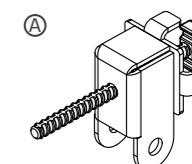
ⓐ RAM Panel Strut Upper Connector	5.6	6106015
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ⓐ RAM Panel Strut Lower Connector	10.4	6046019
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Ⓐ Rummy Max Closer Plate for Struts	1.5	6100150
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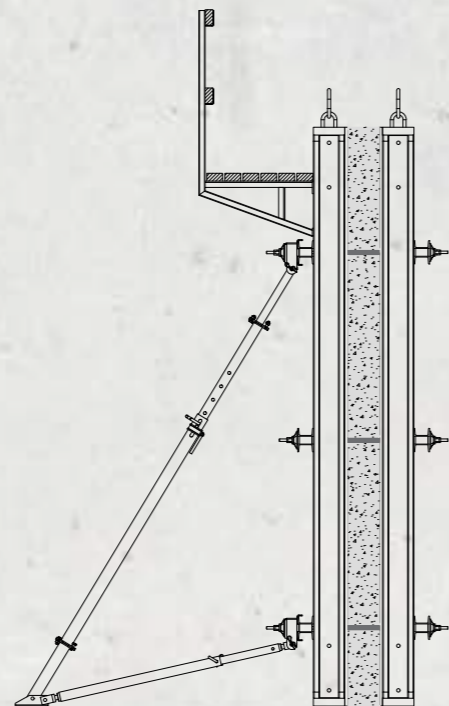
*(for use with all panel struts)



Maze™ Timber Beam Formwork System

Maze H20 Beam Formwork System for Large Areas

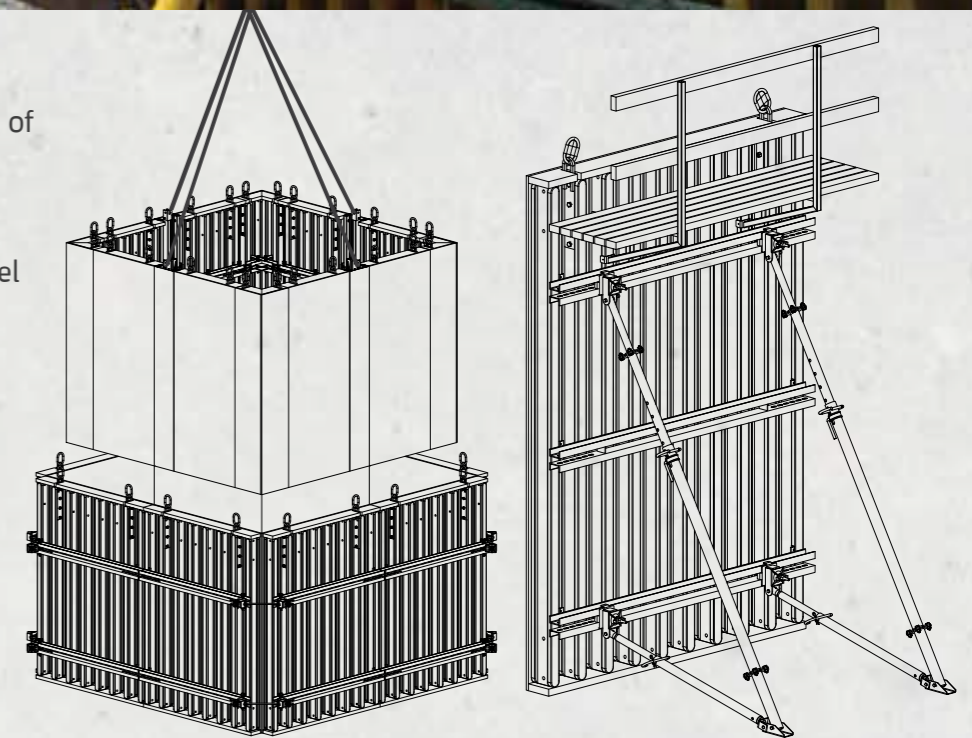
- Tailor-made formwork system for retaining walls
- Accurate fit to meet projects' wall dimensions and requirements
- Can be built on site (with assembly drawings) or in the factory
- Cost-effective, saving time and labor
- Especially recommended for retaining walls due to the strength of the forms and relatively large panel size
- Up to a 30% saving of anchor parts
- Permissible concrete pressure: up to 80 kN/m²

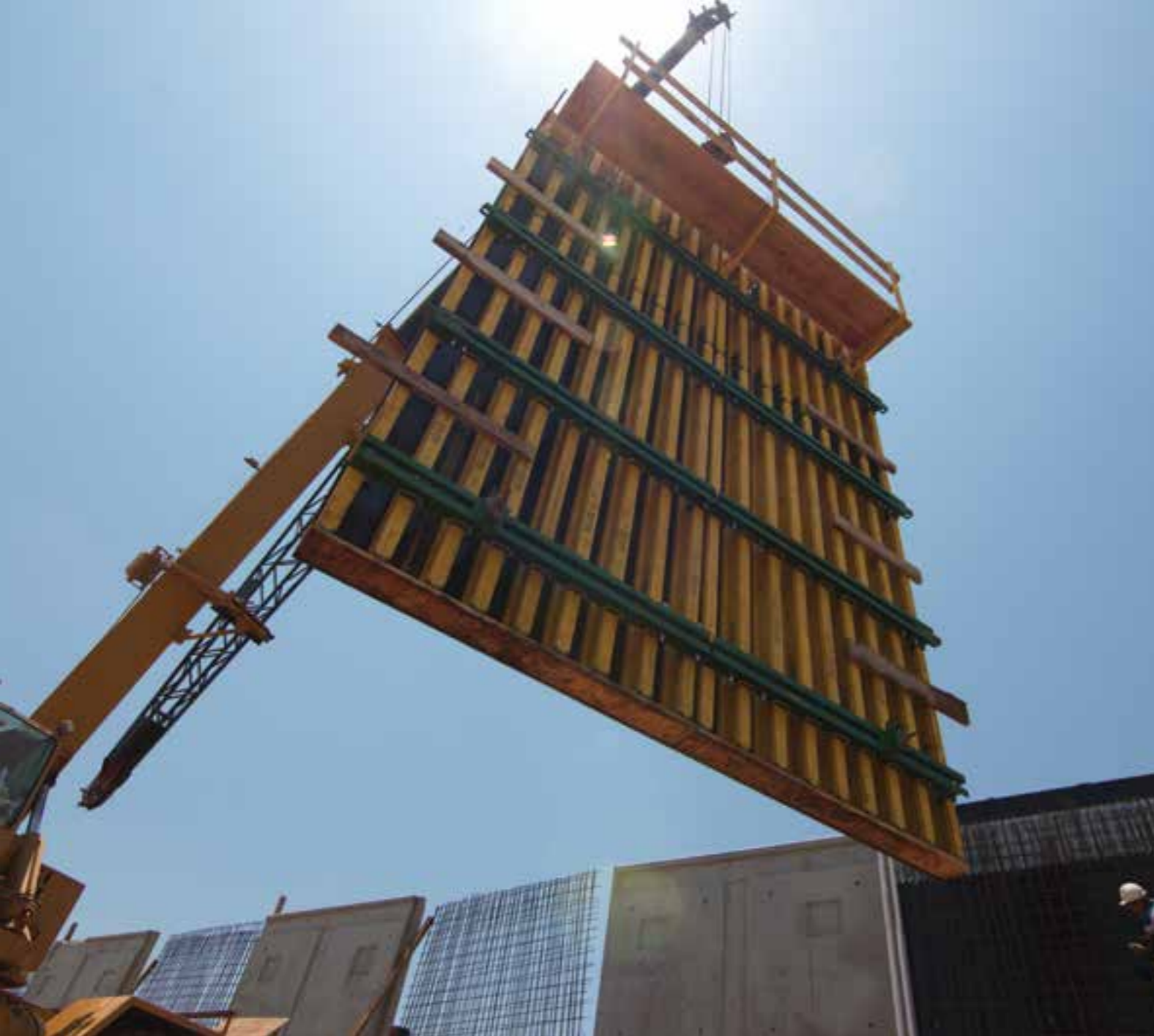


Maze Stripping Cells

Specially designed for use in cores of high-rise buildings

- Fast positioning
- Easy to dismantle
- Smooth climbing to the next level

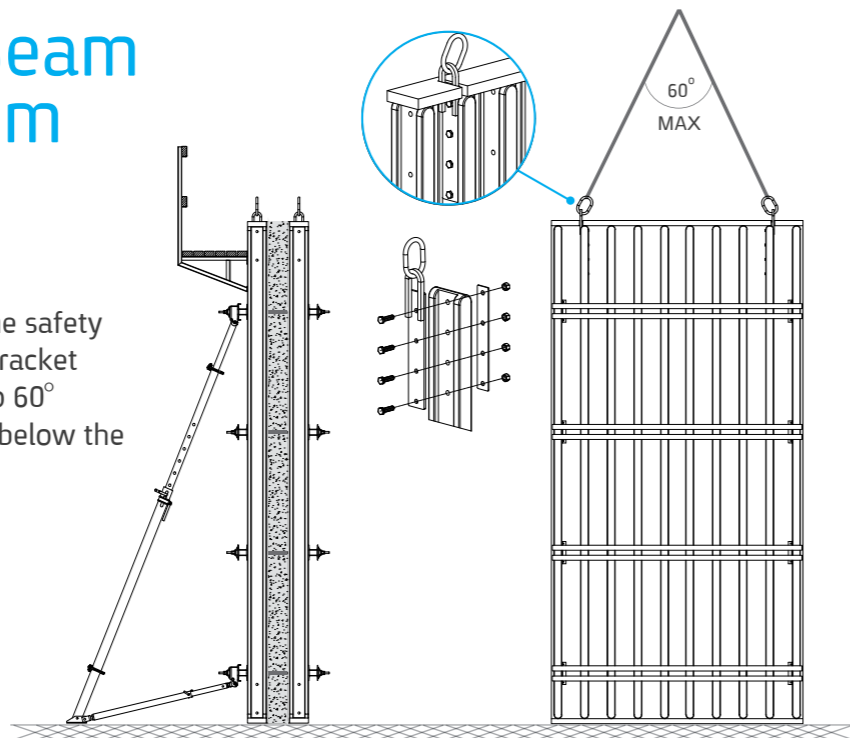




Maze™ Timber Beam Formwork System

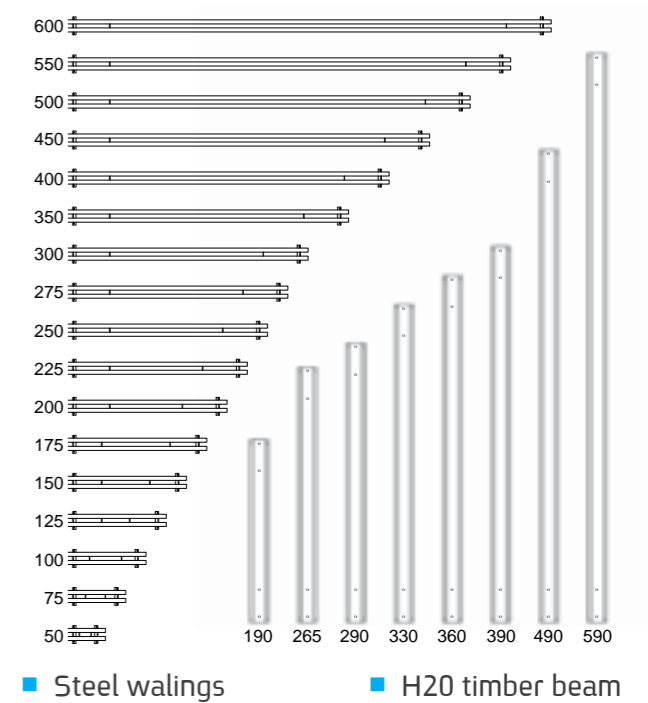
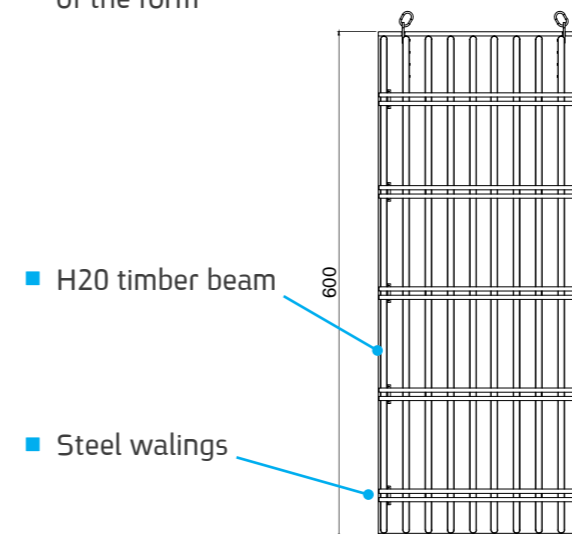
Lift Large Segments All at Once

- When assembling the panels, follow the safety instructions for connecting the lifting bracket
- Keep the angle of the crane chain up to 60°
- Position the upper waling up to 50 cm below the lifting bracket



Panel Dimensions

- Height: according to the H20 Beam size + 10 cm plank position on bottom and top of the form

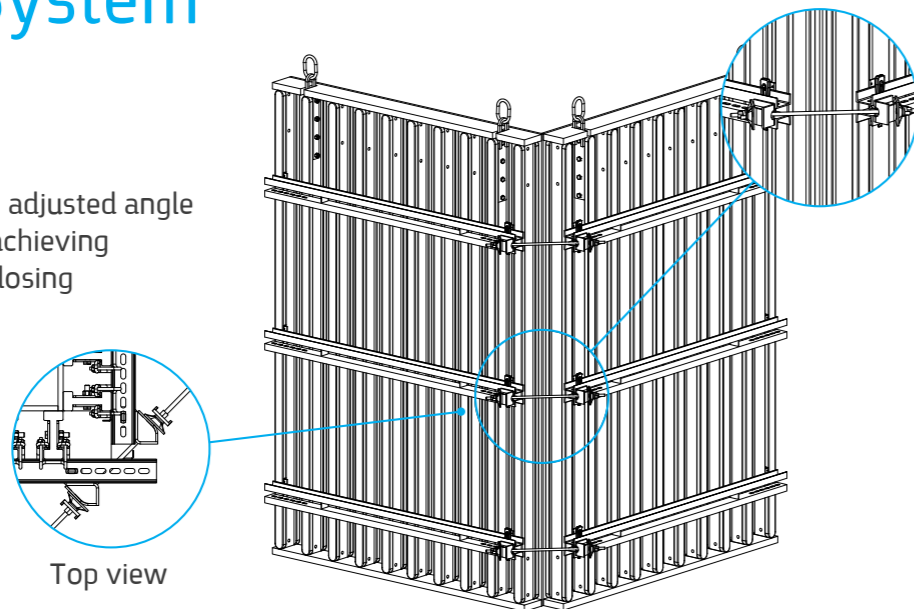




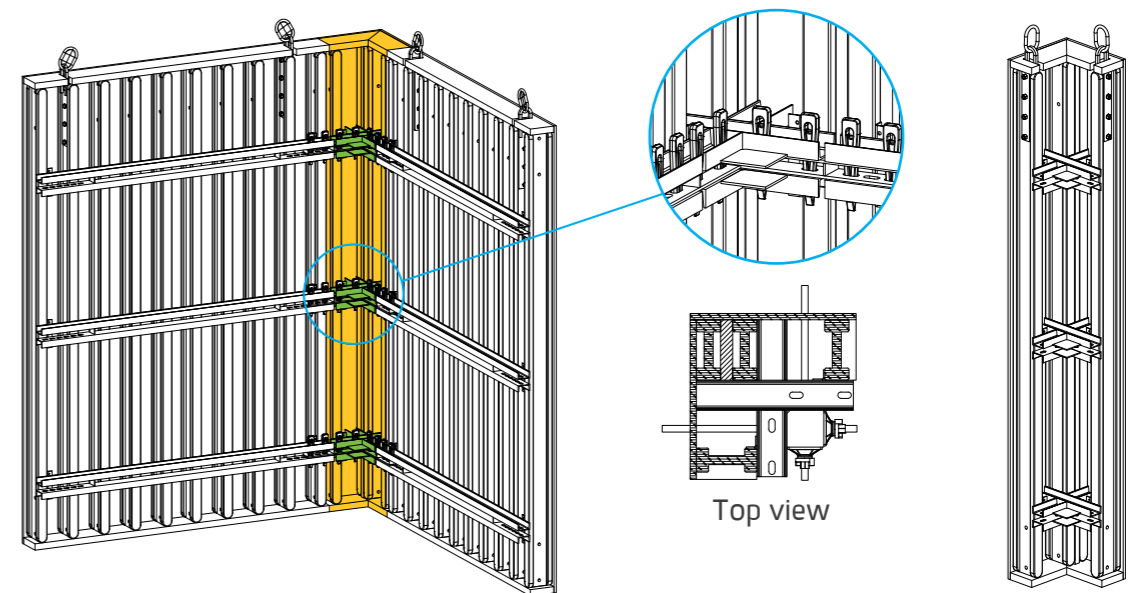
Maze™ Timber Beam Formwork System

Maze Formwork Corner Solution

- Outside corner solution with adjusted angle connectors and tie rods for achieving maximum tide and straight closing



- Basic inside steel cross corner 50x50 cm waling profile

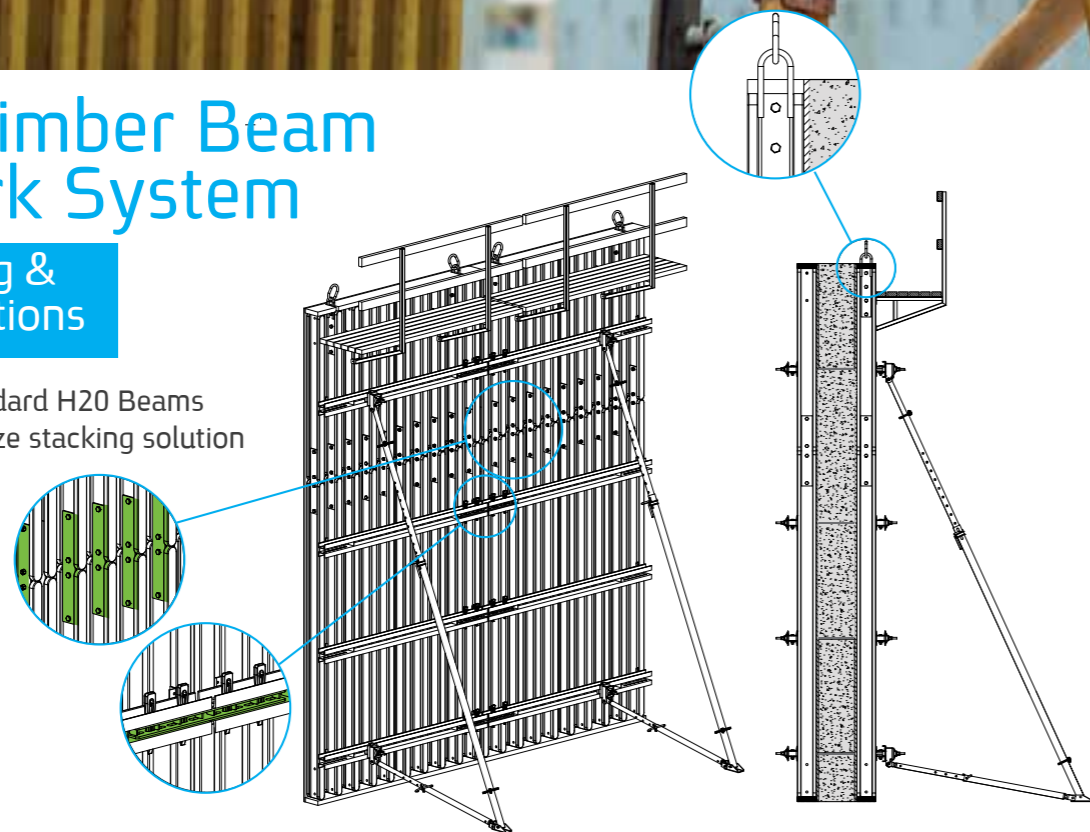




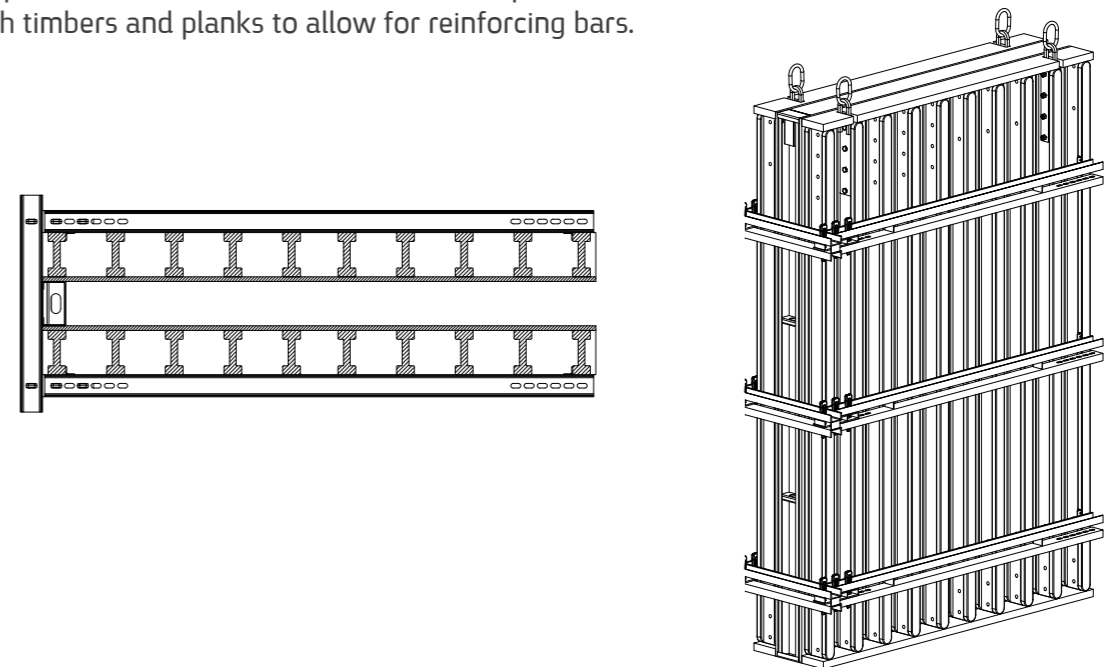
Maze™ Timber Beam Formwork System

Maze™ Stacking & Stop-End Solutions

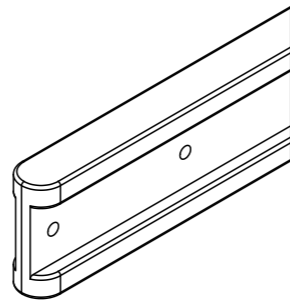
- Up to 6 m with standard H20 Beams
- Up to 12 m with Maze stacking solution



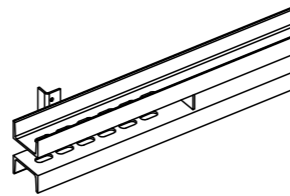
Stop-end solution can be used with a steel panel or combined with timbers and planks to allow for reinforcing bars.



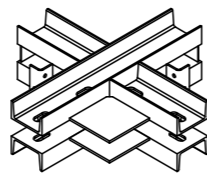
Description & Dimensions	Weight (kg)	Cat. No.
H20 Timber Beam L=5.90m	26.6	6260005
H20 Timber Beam L=4.90m	22.1	6260010
H20 Timber Beam L=3.90m	17.6	6260015
H20 Timber Beam L=3.60m	16.2	6260020
H20 Timber Beam L=3.30m	14.9	6260025
H20 Timber Beam L=2.90m	13.1	6260030
H20 Timber Beam L=2.65m	11.9	6260040
H20 Timber Beam L=2.45m	11.1	6260045
H20 Timber Beam L=1.90m	8.6	6260050



Maze Steel Waling L=6.00m	118.0	74001170
Maze Steel Waling L=5.50m	112.4	74001160
Maze Steel Waling L=5.00m	102.0	74001150
Maze Steel Waling L=4.50m	89.1	74001140
Maze Steel Waling L=4.00m	79.4	74001130
Maze Steel Waling L=3.50m	68.4	74001120
Maze Steel Waling L=3.00m	60.2	74001110
Maze Steel Waling L=2.75m	54.2	74001100
Maze Steel Waling L=2.50m	48.7	74001090
Maze Steel Waling L=2.25m	44.2	74001080
Maze Steel Waling L=2.00m	38.9	74001070
Maze Steel Waling L=1.75m	35.0	74001060
Maze Steel Waling L=1.50m	29.7	74001050
Maze Steel Waling L=1.25m	24.7	74001040
Maze Steel Waling L=1.00m	19.6	74001030
Maze Steel Waling L=0.75m	14.9	74001020
Maze Steel Waling L=0.50m	10.2	74001010



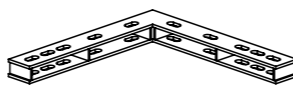
Maze Corner Element	20.0	74000133
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Maze Connector	7.0	74000090
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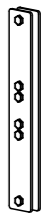
Maze Internal Corner Connector	10.0	74000098
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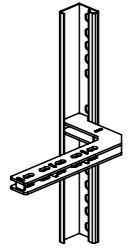
Maze External Corner Connector	11.0	74000099
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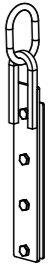
Description & Dimensions	Weight (kg)	Cat. No.
Maze Vertical Standing Plate Connector	11.0	74000093



Maze to Rummy Corner Adapter	15.0	74000101
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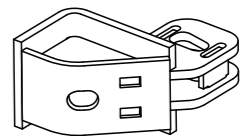
Maze Lifting Bracket	8.0	74000095
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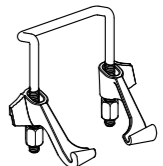
Maze Connecting Oval Wedge	1.0	74000140
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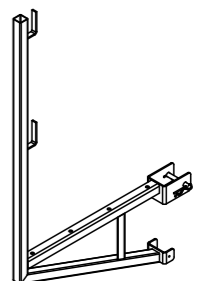
Maze Outside Corner Tie Bracket Connector	4.0	74000096
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Maze Beam Flange Connector	1.0	74000097
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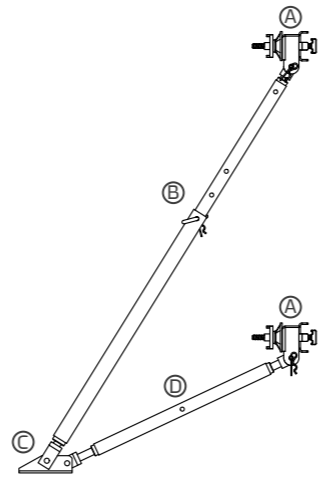


Maze Pouring Bracket	10.0	74000260
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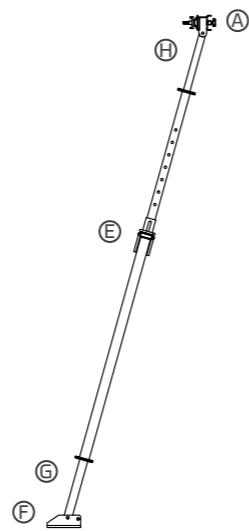


Description & Dimensions	Weight (kg)	Cat. No.
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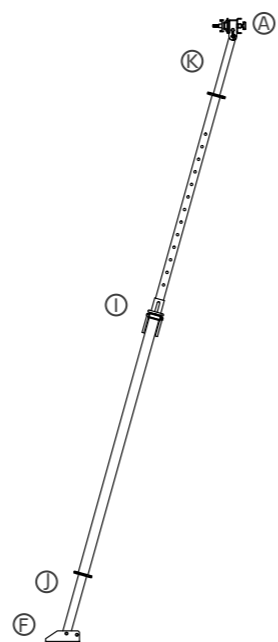
Maze Panel Strut 3.0m	29.0	
Ⓐ Maze Closer Plate for Strut	3.0	74000285
Panel Strut 3.0m	23.0	96000335
Ⓢ Main Strut		96000335-1
Ⓒ Strut Connector		96000335-3
Ⓓ Lower Spindle Strut		96000335-2



Maze Panel Strut 3.5m	43.0	
Ⓐ Maze Closer Plate for Strut	3.0	74000285
Panel Strut 3.5m	40.0	96000324-1
Ⓢ Prop 180/300 20 kN		6250100
Ⓕ Strut Connector		96000341
Ⓖ Lower Extension		96000324-2
Ⓗ Upper Extension		96000324-1

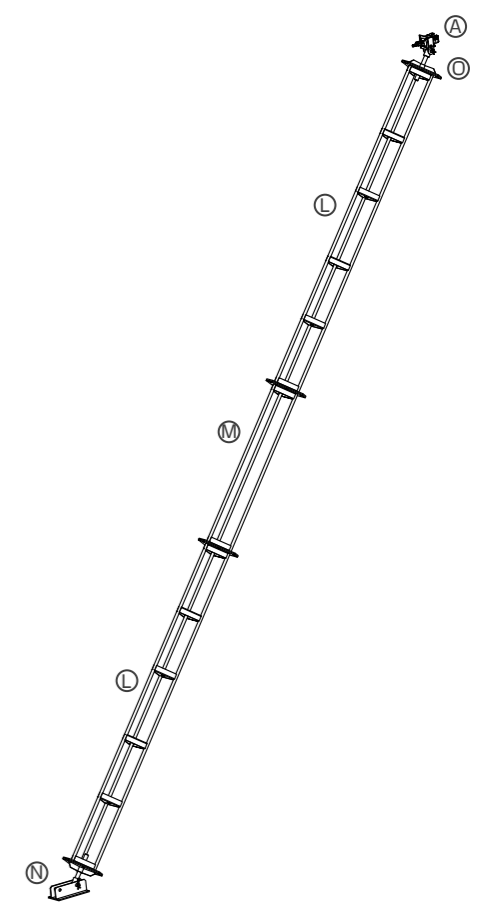


Maze Panel Strut 6.0m	61.0	
Ⓐ Maze Closer Plate for Strut	3.0	74000285
Panel Strut 6.0m	58.0	96000325
Ⓢ Prop 280/500 20 kN		6250102
Ⓕ Strut Connector		96000341
Ⓛ Lower Extension		96000325-2
Ⓚ Upper Extension		96000325-1

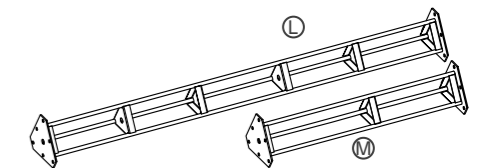


Description & Dimensions	Weight (kg)	Cat. No.
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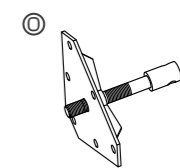
RAM Panel Strut 6.0m	76.0	6046016
RAM Panel Strut 7.5m	95.0	6046018
RAM Panel Strut 9.0m	106.0	6046015
RAM Panel Strut 12.0m	136.0	6046017



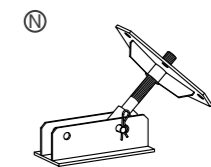
Ⓛ Extension 3m	30.0	66000014
Ⓜ Extension 1.5m	19.0	66000015



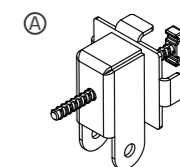
Ⓒ RAM Panel Strut Upper Connector	5.6	6106015
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Ⓝ RAM Panel Strut Lower Connector	10.4	6046019
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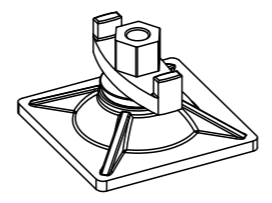
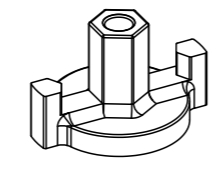
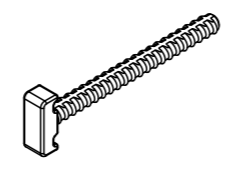


Ⓐ Maze Closer Plate for Struts	3.0	74000285
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*(for use with all panel struts)

Description & Dimensions	Weight (kg)	Cat. No.
Fixing Bolt T25	0.5	5900190
Fixing Bolt T35	0.8	5900191
<hr/>		
Nut 705	0.4	96100010
<hr/>		
Nut 1205	1.1	96200040





COLUMNS

SBA provides a large variety of column formworks for different uses.

Rummy Formwork Column System

Crane-independent, strong, modular column formwork system

Rummy Max Formwork Column System

Heavy-duty column formwork system for cast heights up to 12 m and higher

Round and Oval Columns

Combining our round column formwork system with our modular system allows us to create oval-shaped wall edge. Especially for underground parking areas and decorative walls

Maze Columns

Cost-effective column system for smooth concrete surfaces

Custom-Made Steel Column Formwork

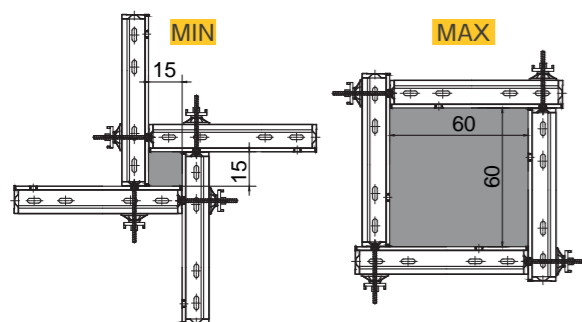
Crowns for Columns

For any height and shape: Extremely strong; built for the tough conditions on construction sites



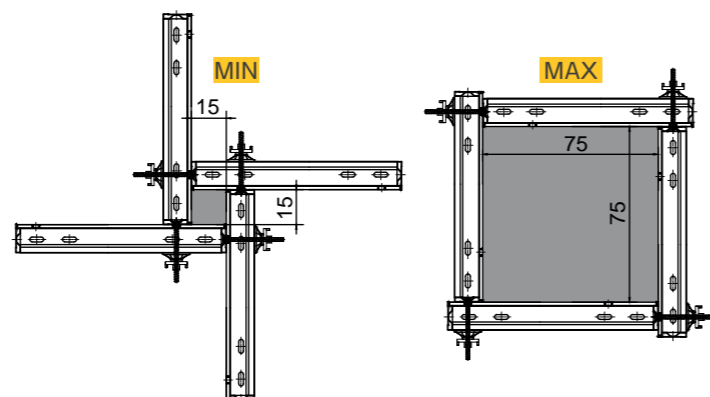
Rummy Universal Panel 0.75x3.00 m

- From 15x15 cm casted column up to 60x60 cm

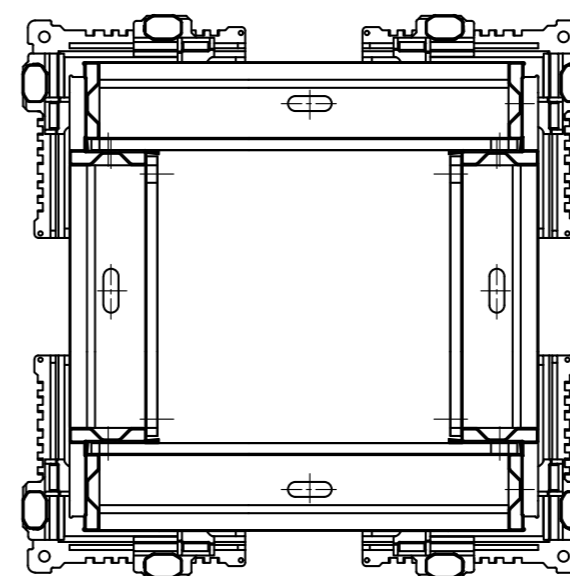


Rummy Universal Panel 0.90x3.00 m

- From 15x15 cm casted column up to 75x75 cm



With Rummy K30 Corner Clamp



Rummy™ Formwork Column System

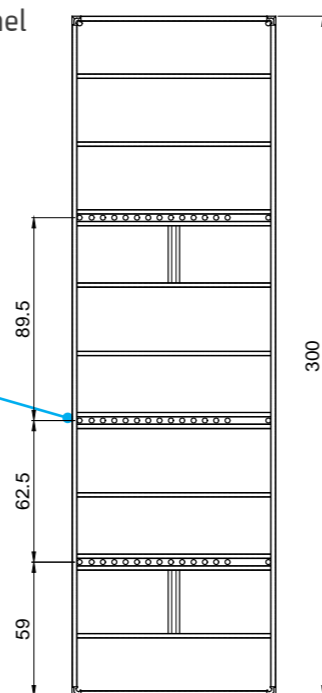
Using Rummy Universal Panel

Lightweight framed column formwork system

- Easy to modify
- Casting rectangular and square columns
- Casting from 15x15 cm up to 75x75 cm

Rummy Universal Panel

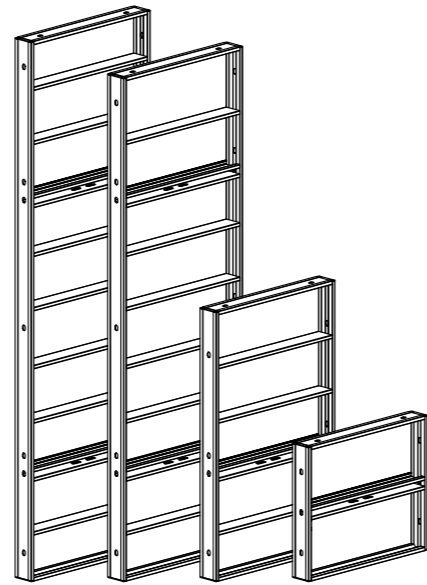
- 5 cm grid (between the holes)



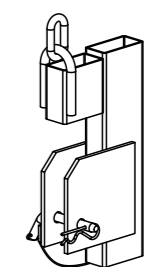
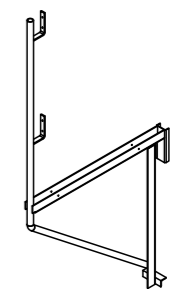
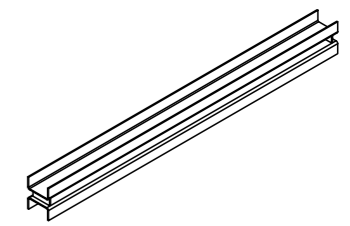
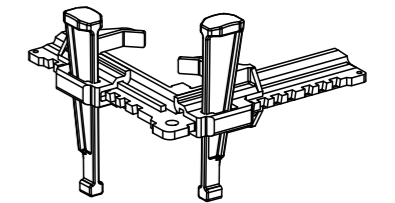
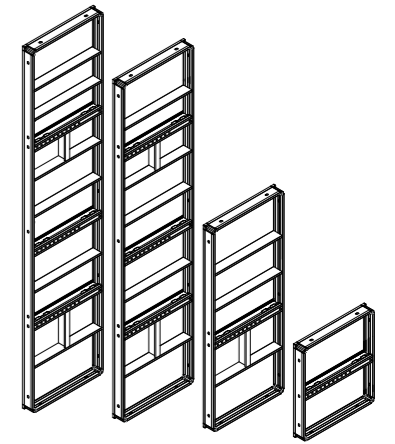
K30



Description & Dimensions	Weight (kg)	Cat. No.
Rummy Panel 0.90x3.00m	87.0	5904010
Rummy Panel 0.75x3.00m	75.0	5904020
Rummy Panel 0.60x3.00m	64.0	5904030
Rummy Panel 0.55x3.00m	62.0	5904040
Rummy Panel 0.50x3.00m	58.0	5904050
Rummy Panel 0.45x3.00m	56.0	5904060
Rummy Panel 0.40x3.00m	55.0	5904070
Rummy Panel 0.35x3.00m	50.0	5904080
Rummy Panel 0.30x3.00m	45.0	5904085
Rummy Panel 0.90x2.80m	84.0	5900010
Rummy Panel 0.75x2.80m	72.0	5900020
Rummy Panel 0.60x2.80m	61.0	5900030
Rummy Panel 0.55x2.80m	59.0	5900040
Rummy Panel 0.50x2.80m	55.0	5900050
Rummy Panel 0.45x2.80m	53.0	5900060
Rummy Panel 0.40x2.80m	52.0	5900070
Rummy Panel 0.35x2.80m	47.0	5900080
Rummy Panel 0.30x2.80m	42.0	5900085
Rummy Panel 0.90x1.50m	45.0	5900400
Rummy Panel 0.75x1.50m	40.0	5900410
Rummy Panel 0.60x1.50m	36.0	5900420
Rummy Panel 0.55x1.50m	35.0	5900430
Rummy Panel 0.50x1.50m	33.0	5900440
Rummy Panel 0.45x1.50m	31.0	5900450
Rummy Panel 0.40x1.50m	27.0	5900460
Rummy Panel 0.35x1.50m	26.0	5900470
Rummy Panel 0.30x1.50m	23.0	5900475
Rummy Panel 0.90x0.75m	26.0	5906080
Rummy Panel 0.75x0.75m	23.0	5906070
Rummy Panel 0.60x0.75m	20.0	5906060
Rummy Panel 0.55x0.75m	19.0	5906050
Rummy Panel 0.50x0.75m	18.0	5906040
Rummy Panel 0.45x0.75m	17.0	5906030
Rummy Panel 0.40x0.75m	16.0	5906020
Rummy Panel 0.35x0.75m	15.0	5906010
Rummy Panel 0.30x0.75m	14.0	5906005

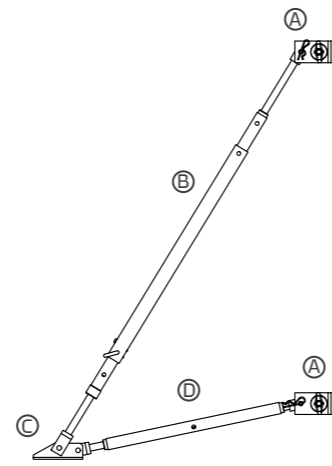


Description & Dimensions	Weight (kg)	Cat. No.
Rummy Universal Panel 0.9x3.00m	87	5904011
Rummy Universal Panel 0.75x3.00m	73	5904303
Rummy Universal Panel 0.9x2.80m	83	5904300
Rummy Universal Panel 0.75x2.80m	69	5904304
Rummy Universal Panel 0.9x1.50m	58	5904301
Rummy Universal Panel 0.75x1.50m	50	5904305
Rummy Universal Panel 0.9x0.75m	32	5904302
Rummy Universal Panel 0.75x0.75m	28	5904306
Rummy Corner Clamp K30	6.6	5900130
Steel Waling L=1.40m	16.4	5900220
Rummy Pouring Bracket	7.0	5900140
Rummy Lifting Hook	9.5	5900160
Rummy Long Lifting Hook	11.7	5900170

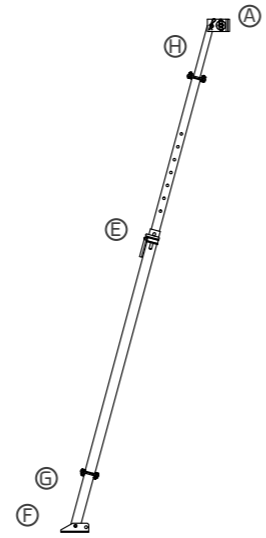


Description & Dimensions	Weight (kg)	Cat. No.
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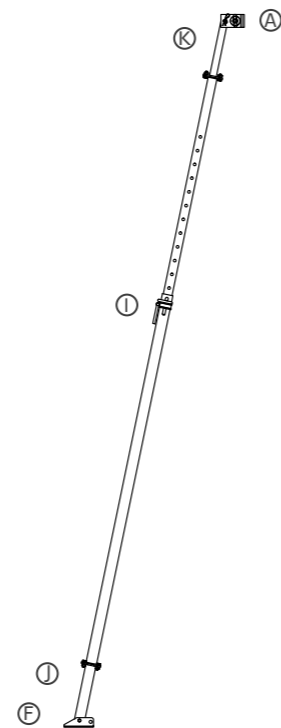
Rummy Panel Strut 3.0m	27.6	
Ⓐ Rummy Closer Plate for Strut	2.3	5900150
Panel Strut 3.0m	23.0	96000335
Ⓑ Main Strut		96000335-1
Ⓒ Strut Connector		96000335-3
Ⓓ Lower Spindle Strut		96000335-2



Rummy Panel Strut 3.5m	25.3	
Ⓐ Rummy Closer Plate for Strut	2.3	5900150
Panel Strut 3.5m	23.0	96000324
Ⓔ Prop 180/300 20 kN		6250100
Ⓕ Strut Connector		96000341
Ⓖ Lower Extension		96000324-2
Ⓗ Upper Extension		96000324-1

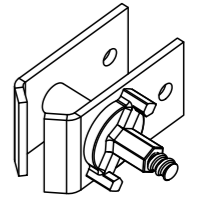


Rummy Panel Strut 6.0m	48.3	
Ⓐ Rummy Closer Plate for Strut	2.3	5900150
Panel Strut 6.0m	46.0	96000325
Ⓛ Prop 280/500 20 kN		6250102
Ⓖ Strut Connector		96000341
Ⓜ Lower Extension		96000325-2
Ⓨ Upper Extension		96000325-1



Description & Dimensions	Weight (kg)	Cat. No.
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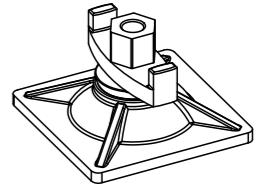
Rummy Closer Plate for Strut	2.3	5900150
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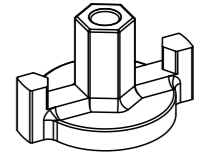
Fixing Bolt C25	0.5	5900192
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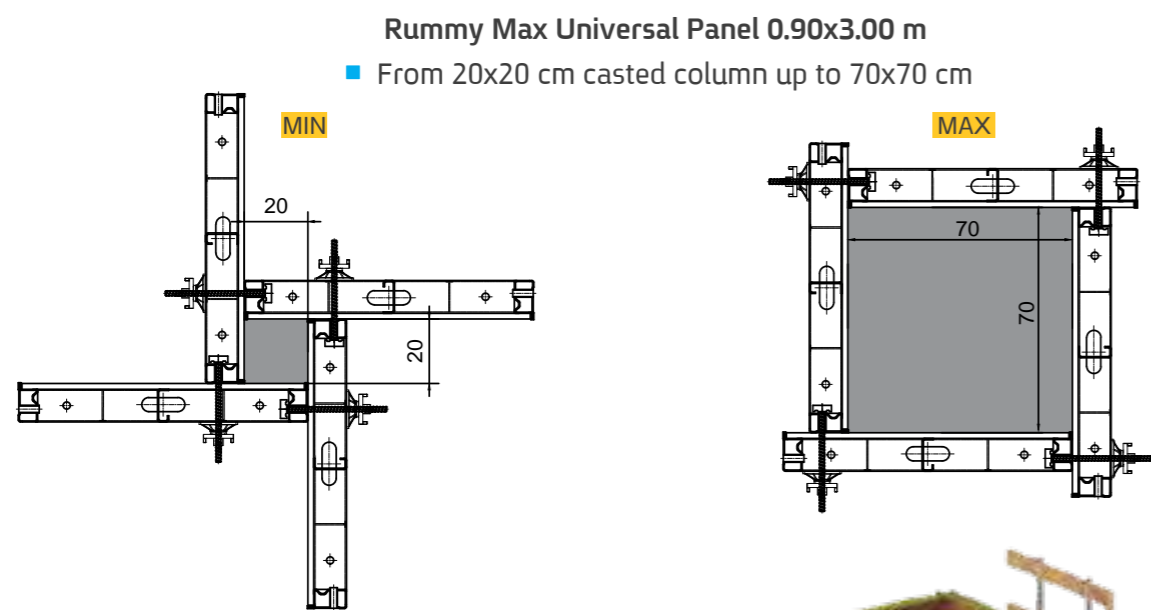
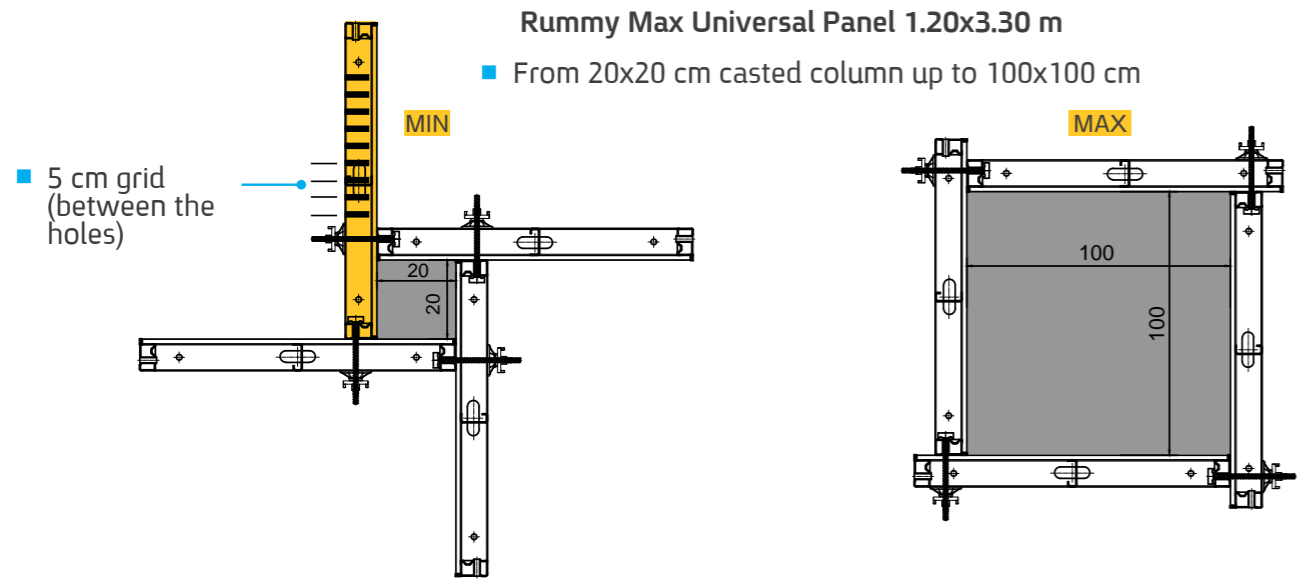


Nut 120S	1.1	96200040
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Nut 70S	0.4	96100010
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Rummy Max™ Formwork Column System

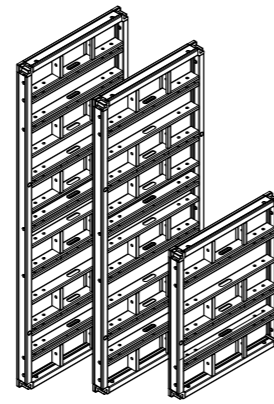
Benefits & Specifications

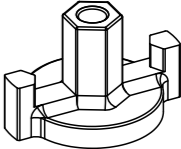
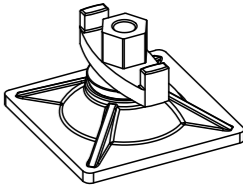
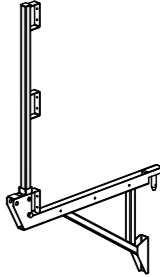
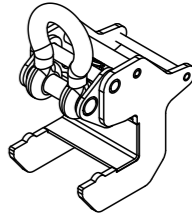
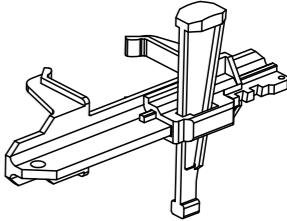
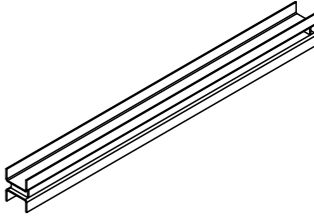

Heavy-duty column formwork system suitable for cast heights up to 12 m and higher

- Easy to modify for casting rectangular and square columns of large areas/dimensions (from 20x20 cm up to 100x100 cm, grid of 5 cm)
- Larger dimensions available upon request



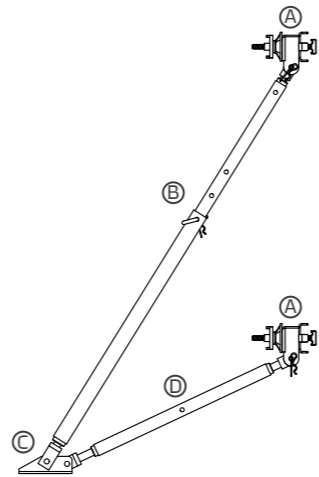
Description & Dimensions	Weight (kg)	Cat. No.
Rummy Max Universal Panel 1.20x3.30m	268.0	6104150
Rummy Max Universal Panel 0.90x3.30m	204.0	6104160
Rummy Max Universal Panel 1.20x3.00m	242.0	6104050
Rummy Max Universal Panel 0.90x3.00m	188.0	6104060
Rummy Max Universal Panel 1.20x1.50m	120.0	6104250
Rummy Max Universal Panel 0.90x1.50m	94.0	6104260



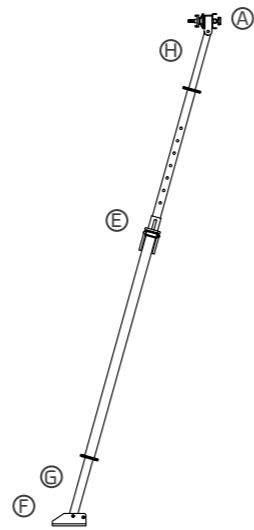
Description & Dimensions	Weight (kg)	Cat. No.	
Nut 705	0.4	96100010	
Nut 1205	1.1	96200040	
Rummy Max Pouring Bracket	8.2	6100140	
Rummy Max Lifting Hook	6.9	6100160	
Rummy Max Standard Clamp K60	4.2	6100200	
Steel Waling L=1.40m	16.4	5900220	
Fixing Bolt T25	0.5	5900190	
Fixing Bolt T35	0.8	5900191	

Description & Dimensions	Weight (kg)	Cat. No.
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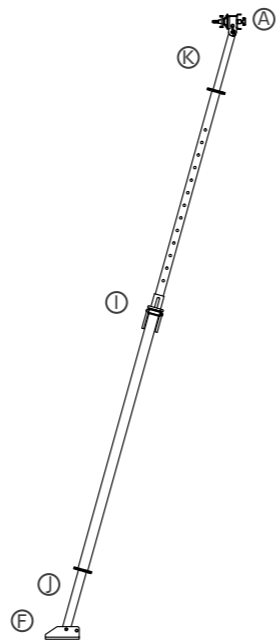
Rummy Max Panel Strut 3.0m	24.5	
Ⓐ Rummy Max Closer Plate for Strut	1.5	6100150
Panel Strut 3.0m	23.0	96000335
ⓑ Main Strut		96000335-1
ⓒ Strut Connector		96000335-3
ⓓ Lower Spindle Strut		96000335-2



Rummy Max Panel Strut 3.5m	24.5	
Ⓐ Rummy Max Closer Plate for Strut	1.5	6100150
Panel Strut 3.5m	23.0	96000324
ⓔ Prop 180/300 20 kN		6250100
ⓕ Strut Connector		96000341
ⓖ Lower Extension		96000324-2
ⓗ Upper Extension		96000324-1

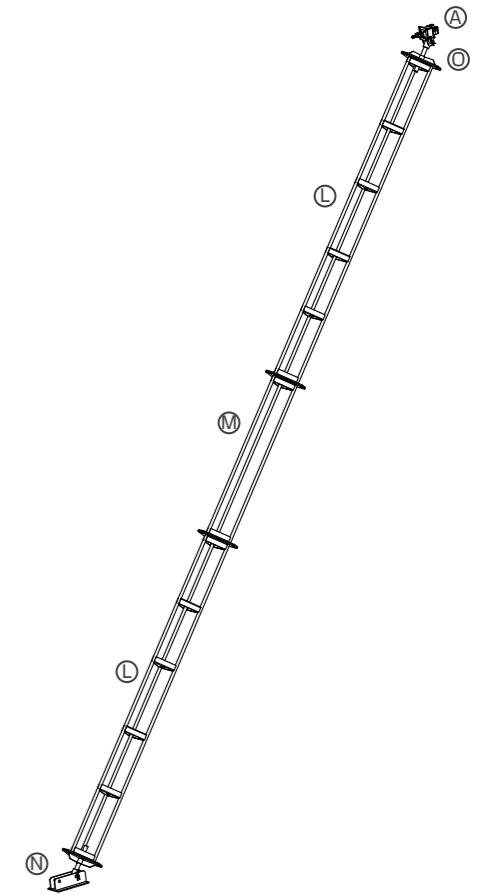


Rummy Max Panel Strut 6.0m	47.5	
Ⓐ Rummy Max Closer Plate for Strut	1.5	6100150
Panel Strut 6.0m	46.0	96000325
Ⓛ Prop 280/500 20 kN		6250102
ⓕ Strut Connector		96000341
Ⓜ Lower Extension		96000325-2
Ⓨ Upper Extension		96000325-1

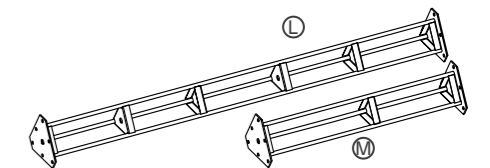


Description & Dimensions	Weight (kg)	Cat. No.
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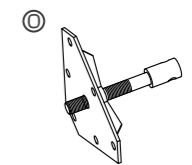
RAM Panel Strut 6.0m	76.0	6046016
RAM Panel Strut 7.5m	95.0	6046018
RAM Panel Strut 9.0m	106.0	6046015
RAM Panel Strut 12.0m	136.0	6046017



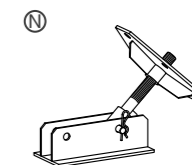
Ⓛ Extension 3m	30.0	66000014
Ⓜ Extension 1.5m	19.0	66000015



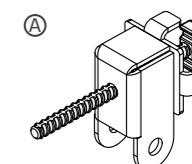
ⓐ RAM Panel Strut Upper Connector	5.6	6106015
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Ⓨ RAM Panel Strut Lower Connector	10.4	6046019
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Ⓐ Rummy Max Closer Plate for Struts	1.5	6100150
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*(for use with all panel struts)



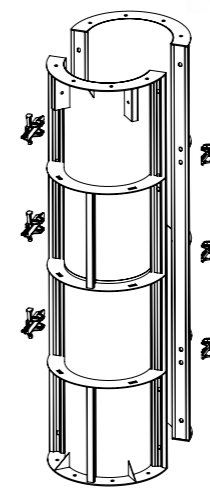
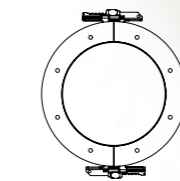
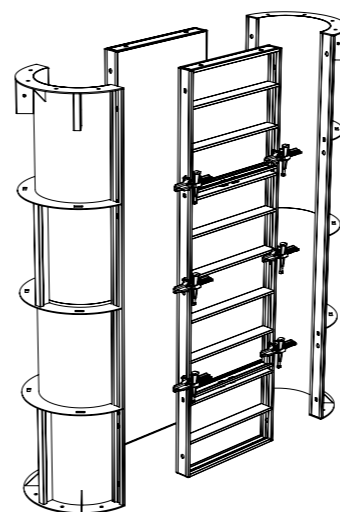
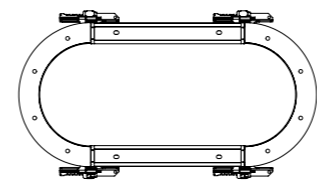
Round and Oval Columns

Product Benefits & Specifications

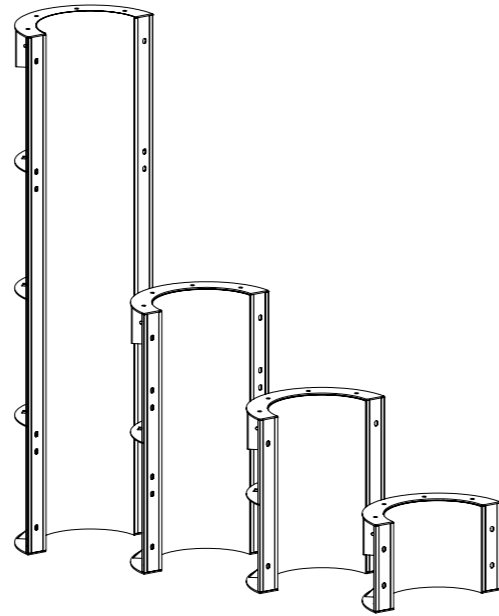
System for round and oval columns

Rent or purchase column systems in different diameters (Ø): 20 up to 100 cm

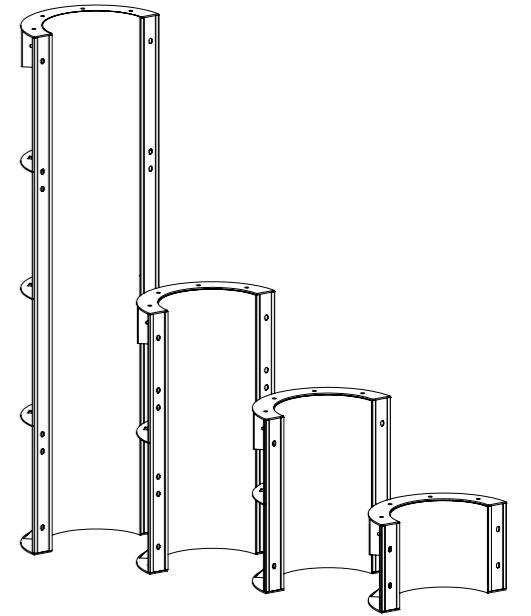
- Special custom column diameters available on request



Description & Dimensions	Weight (kg)	Cat. No.
Circular Formwork Element \varnothing 1.00X3.00m	240.0	6050100
Circular Formwork Element \varnothing 0.90X3.00m	220.0	6050105
Circular Formwork Element \varnothing 0.80X3.00m	200.0	6050110
Circular Formwork Element \varnothing 0.70X3.00m	180.0	6050115
Circular Formwork Element \varnothing 0.60X3.00m	160.0	6050120
Circular Formwork Element \varnothing 0.55X3.00m	150.0	6050132
Circular Formwork Element \varnothing 0.50X3.00m	140.0	6050130
Circular Formwork Element \varnothing 0.45X3.00m	130.0	6050137
Circular Formwork Element \varnothing 0.40X3.00m	120.0	6050140
Circular Formwork Element \varnothing 0.35X3.00m	110.0	6050136
Circular Formwork Element \varnothing 0.30X3.00m	100.0	6050150
Circular Formwork Element \varnothing 0.25X3.00m	90.0	6050160
Circular Formwork Element \varnothing 0.20X3.00m	80.0	6050170
Circular Formwork Element \varnothing 1.00X1.50m	130.0	6050101
Circular Formwork Element \varnothing 0.90X1.50m	120.0	6050106
Circular Formwork Element \varnothing 0.80X1.50m	110.0	6050111
Circular Formwork Element \varnothing 0.70X1.50m	100.0	6050116
Circular Formwork Element \varnothing 0.60X1.50m	90.0	6050121
Circular Formwork Element \varnothing 0.55X1.50m	85.0	6050139
Circular Formwork Element \varnothing 0.50X1.50m	80.0	6050135
Circular Formwork Element \varnothing 0.45X1.50m	75.0	6050138
Circular Formwork Element \varnothing 0.40X1.50m	70.0	6050145
Circular Formwork Element \varnothing 0.35X1.50m	65.0	6050151
Circular Formwork Element \varnothing 0.30X1.50m	60.0	6050155
Circular Formwork Element \varnothing 0.25X1.50m	55.0	6050161
Circular Formwork Element \varnothing 0.20X1.50m	50.0	6050171

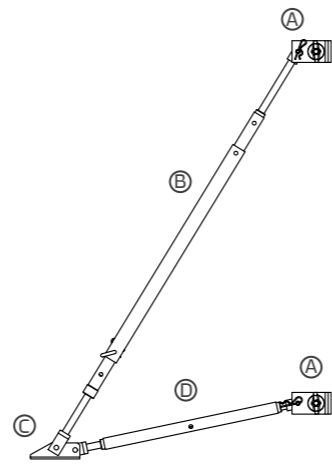


Description & Dimensions	Weight (kg)	Cat. No.
Circular Formwork Element \varnothing 1.00X1.00m	98.0	6051100
Circular Formwork Element \varnothing 0.90X1.00m	90.0	6051105
Circular Formwork Element \varnothing 0.80X1.00m	82.0	6051110
Circular Formwork Element \varnothing 0.70X1.00m	74.0	6051115
Circular Formwork Element \varnothing 0.60X1.00m	66.0	6051120
Circular Formwork Element \varnothing 0.55X1.00m	62.0	6051132
Circular Formwork Element \varnothing 0.50X1.00m	58.0	6051130
Circular Formwork Element \varnothing 0.45X1.00m	54.0	6051137
Circular Formwork Element \varnothing 0.40X1.00m	50.0	6051140
Circular Formwork Element \varnothing 0.35X1.00m	46.0	6051136
Circular Formwork Element \varnothing 0.30X1.00m	42.0	6051150
Circular Formwork Element \varnothing 0.25X1.00m	38.0	6051160
Circular Formwork Element \varnothing 0.20X1.00m	34.0	6051170
Circular Formwork Element \varnothing 1.00X0.50m	60.0	6051101
Circular Formwork Element \varnothing 0.90X0.50m	55.0	6051106
Circular Formwork Element \varnothing 0.80X0.50m	50.0	6051111
Circular Formwork Element \varnothing 0.70X0.50m	45.0	6051116
Circular Formwork Element \varnothing 0.60X0.50m	40.0	6051121
Circular Formwork Element \varnothing 0.55X0.50m	37.0	6051139
Circular Formwork Element \varnothing 0.50X0.50m	35.0	6051135
Circular Formwork Element \varnothing 0.45X0.50m	32.0	6051138
Circular Formwork Element \varnothing 0.40X0.50m	30.0	6051145
Circular Formwork Element \varnothing 0.35X0.50m	27.0	6051151
Circular Formwork Element \varnothing 0.30X0.50m	25.0	6051155
Circular Formwork Element \varnothing 0.25X0.50m	22.0	6051161
Circular Formwork Element \varnothing 0.20X0.50m	20.0	6051171

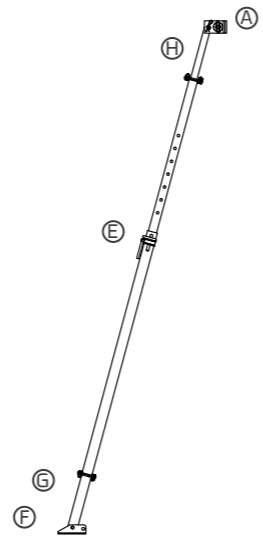


Description & Dimensions	Weight (kg)	Cat. No.
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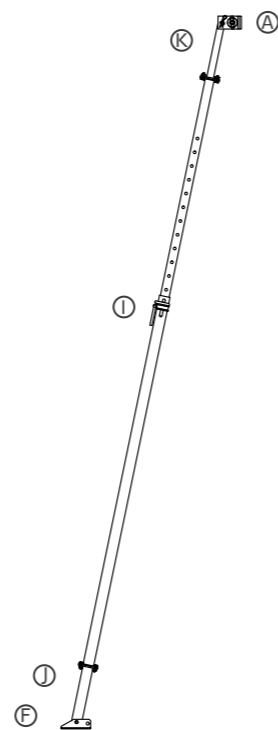
Rummy Panel Strut 3.0m	27.6	
Ⓐ Rummy Closer Plate for Strut	2.3	5900150
Panel Strut 3.0m	23.0	96000335
Ⓑ Main Strut		96000335-1
Ⓒ Strut Connector		96000335-3
Ⓓ Lower Spindle Strut		96000335-2



Rummy Panel Strut 3.5m	25.3	
Ⓐ Rummy Closer Plate for Strut	2.3	5900150
Panel Strut 3.5m	23.0	96000324
Ⓔ Prop 180/300 20 kN		6250100
Ⓕ Strut Connector		96000341
Ⓖ Lower Extension		96000324-2
Ⓗ Upper Extension		96000324-1

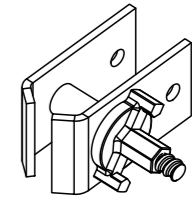


Rummy Panel Strut 6.0m	48.3	
Ⓐ Rummy Closer Plate for Strut	2.3	5900150
Panel Strut 6.0m	46.0	96000325
Ⓛ Prop 280/500 20 kN		6250102
Ⓖ Strut Connector		96000341
Ⓜ Lower Extension		96000325-2
Ⓨ Upper Extension		96000325-1

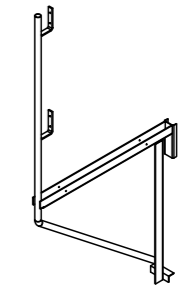


Description & Dimensions	Weight (kg)	Cat. No.
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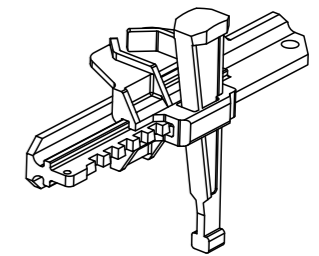
Rummy Closer Plate for Strut	2.3	5900150
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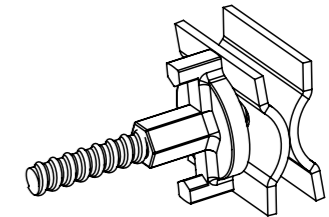
Rummy Pouring Bracket	7.0	5900140
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Rummy Standard Clamp K10	4.0	5900105
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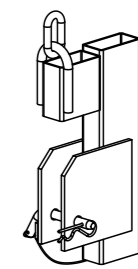


Rummy Panel Connector	1.5	5900151
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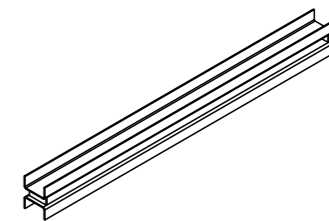


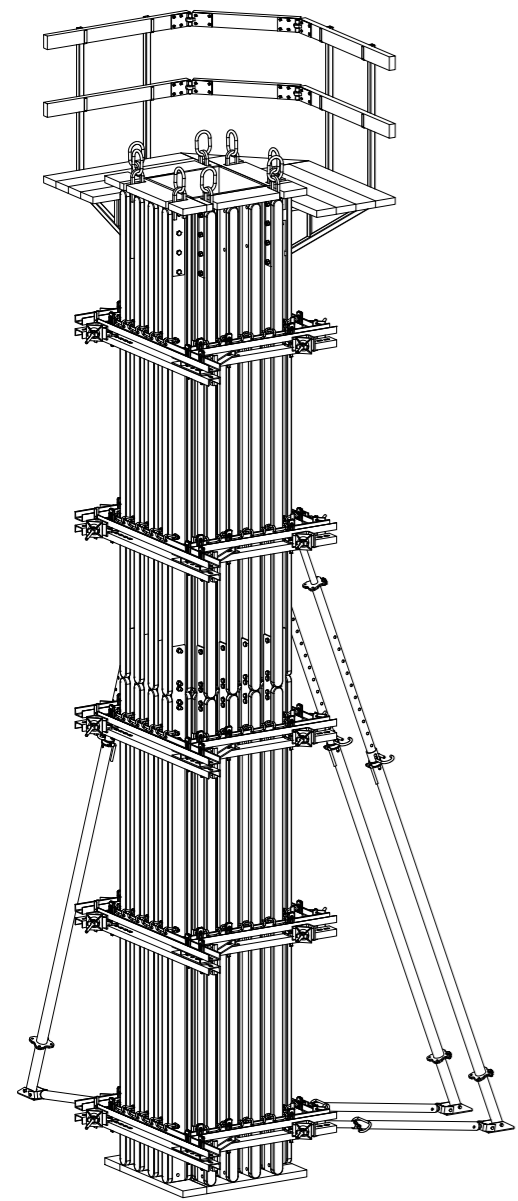
Rummy Lifting Hook	9.5	5900160
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Rummy Long Lifting Hook	11.7	5900170
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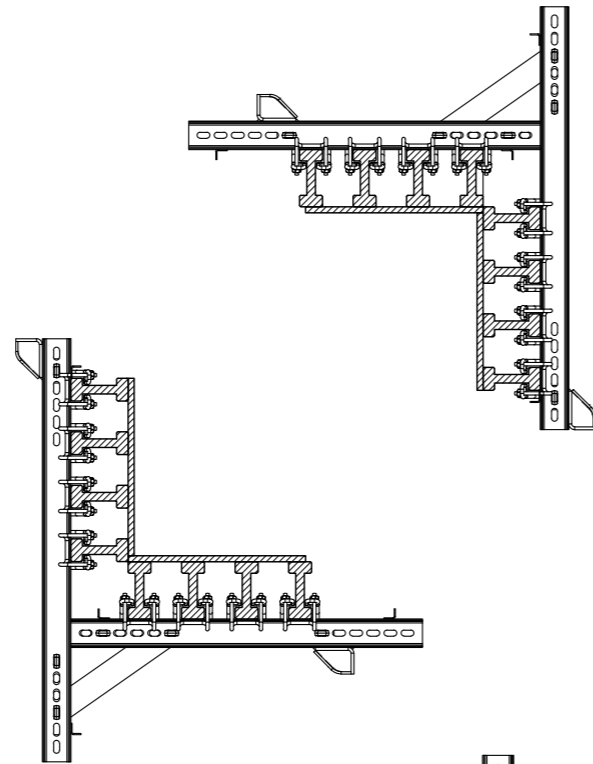
Steel Waling L=1.40m	16.4	5900220
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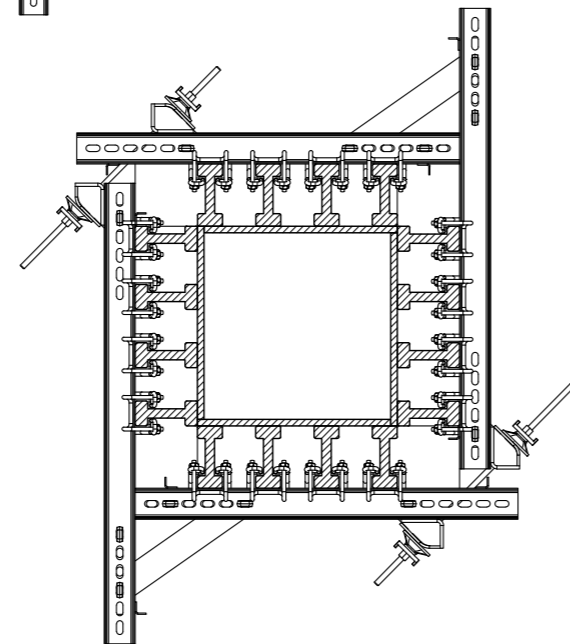


■ Assembly Sequence

1



2



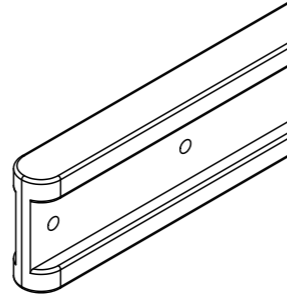
Maze™ Columns

Product Benefits & Specifications

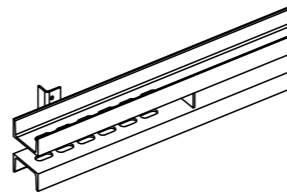
Efficient, cost-effective column system for casting multiple columns of the same size (no need for an expensive modular formwork system) or when there is a need for best-quality concrete surface results (for example, fair-faced).



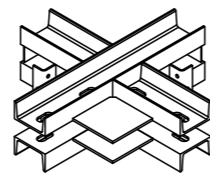
Description & Dimensions	Weight (kg)	Cat. No.
H20 Timber Beam L=5.90m	26.6	6260005
H20 Timber Beam L=4.90m	22.1	6260010
H20 Timber Beam L=3.90m	17.6	6260015
H20 Timber Beam L=3.60m	16.2	6260020
H20 Timber Beam L=3.30m	14.9	6260025
H20 Timber Beam L=2.90m	13.1	6260030
H20 Timber Beam L=2.65m	11.9	6260040
H20 Timber Beam L=2.45m	11.1	6260045
H20 Timber Beam L=1.90m	8.6	6260050



Maze Steel Waling L=6.00m	118.0	74001170
Maze Steel Waling L=5.50m	112.4	74001160
Maze Steel Waling L=5.00m	102.0	74001150
Maze Steel Waling L=4.50m	89.1	74001140
Maze Steel Waling L=4.00m	79.4	74001130
Maze Steel Waling L=3.50m	68.4	74001120
Maze Steel Waling L=3.00m	60.2	74001110
Maze Steel Waling L=2.75m	54.2	74001100
Maze Steel Waling L=2.50m	48.7	74001090
Maze Steel Waling L=2.25m	44.2	74001080
Maze Steel Waling L=2.00m	38.9	74001070
Maze Steel Waling L=1.75m	35.0	74001060
Maze Steel Waling L=1.50m	29.7	74001050
Maze Steel Waling L=1.25m	24.7	74001040
Maze Steel Waling L=1.00m	19.6	74001030
Maze Steel Waling L=0.75m	14.9	74001020
Maze Steel Waling L=0.50m	10.2	74001010



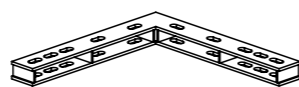
Maze Corner Element	20.0	74000133
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Maze Connector	7.0	74000090
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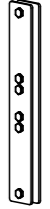
Maze Internal Corner Connector	10.0	74000098
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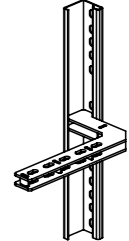
Maze External Corner Connector	11.0	74000099
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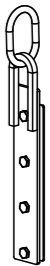
Description & Dimensions	Weight (kg)	Cat. No.
Maze Vertical Standing Plate Connector	11.0	74000093



Maze to Rummy Corner Adapter	15.0	74000101
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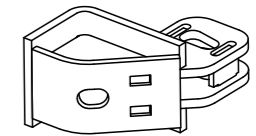
Maze Lifting Bracket	8.0	74000095
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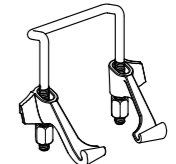
Maze Connecting Oval Wedge	1.0	74000140
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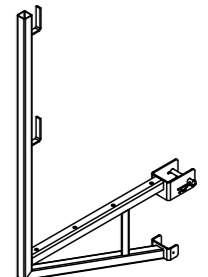
Maze Outside Corner Tie Bracket Connector	4.0	74000096
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Maze Beam Flange Connector	1.0	74000097
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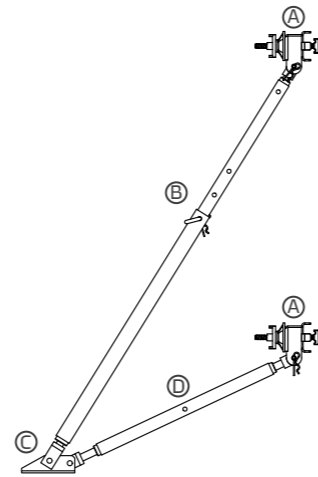


Maze Pouring Bracket	10.0	74000260
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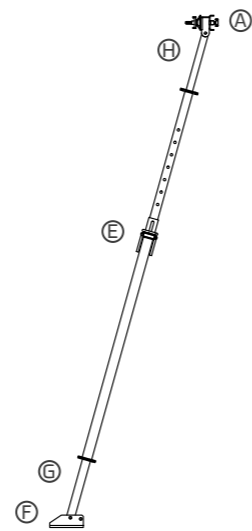


Description & Dimensions	Weight (kg)	Cat. No.
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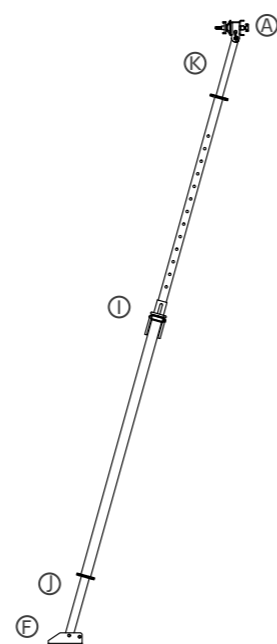
Maze Panel Strut 3.0m	29.0	
Ⓐ Maze Closer Plate for Strut	3.0	74000285
Panel Strut 3.0m	23.0	96000335
Ⓢ Main Strut		96000335-1
Ⓒ Strut Connector		96000335-3
Ⓓ Lower Spindle Strut		96000335-2



Maze Panel Strut 3.5m	43.0	
Ⓐ Maze Closer Plate for Strut	3.0	74000285
Panel Strut 3.5m	40.0	96000324-1
Ⓢ Prop 180/300 20 kN		6250100
Ⓕ Strut Connector		96000341
Ⓖ Lower Extension		96000324-2
Ⓗ Upper Extension		96000324-1

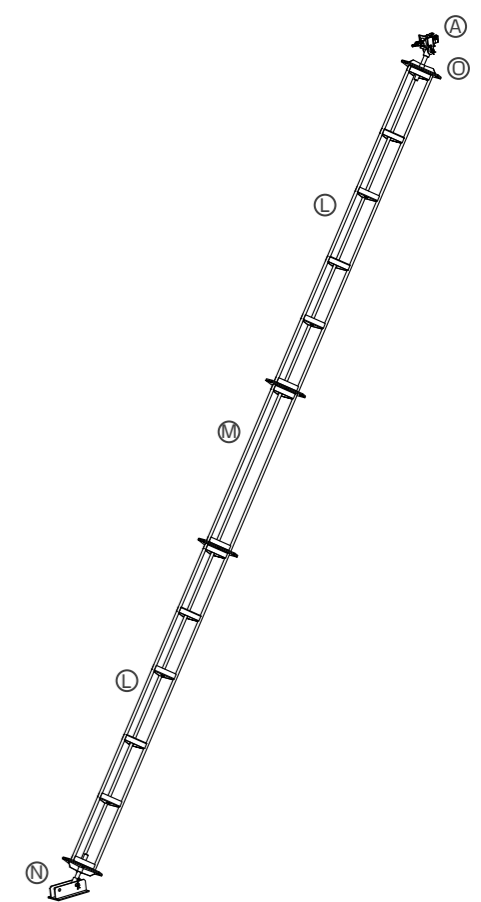


Maze Panel Strut 6.0m	61.0	
Ⓐ Maze Closer Plate for Strut	3.0	74000285
Panel Strut 6.0m	58.0	96000325
Ⓢ Prop 280/500 20 kN		6250102
Ⓕ Strut Connector		96000341
Ⓛ Lower Extension		96000325-2
Ⓚ Upper Extension		96000325-1

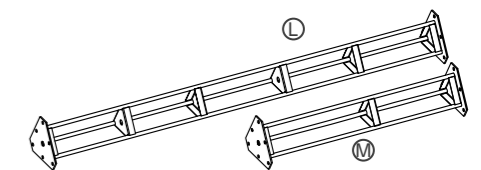


Description & Dimensions	Weight (kg)	Cat. No.
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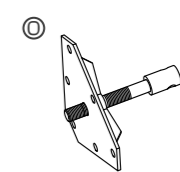
RAM Panel Strut 6.0m	76.0	6046016
RAM Panel Strut 7.5m	95.0	6046018
RAM Panel Strut 9.0m	106.0	6046015
RAM Panel Strut 12.0m	136.0	6046017



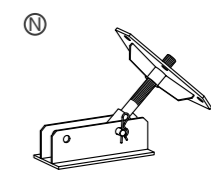
Ⓛ Extension 3m	30.0	66000014
Ⓜ Extension 1.5m	19.0	66000015



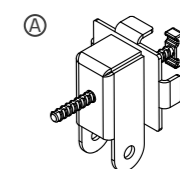
Ⓒ RAM Panel Strut Upper Connector	5.6	6106015
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Ⓝ RAM Panel Strut Lower Connector	10.4	6046019
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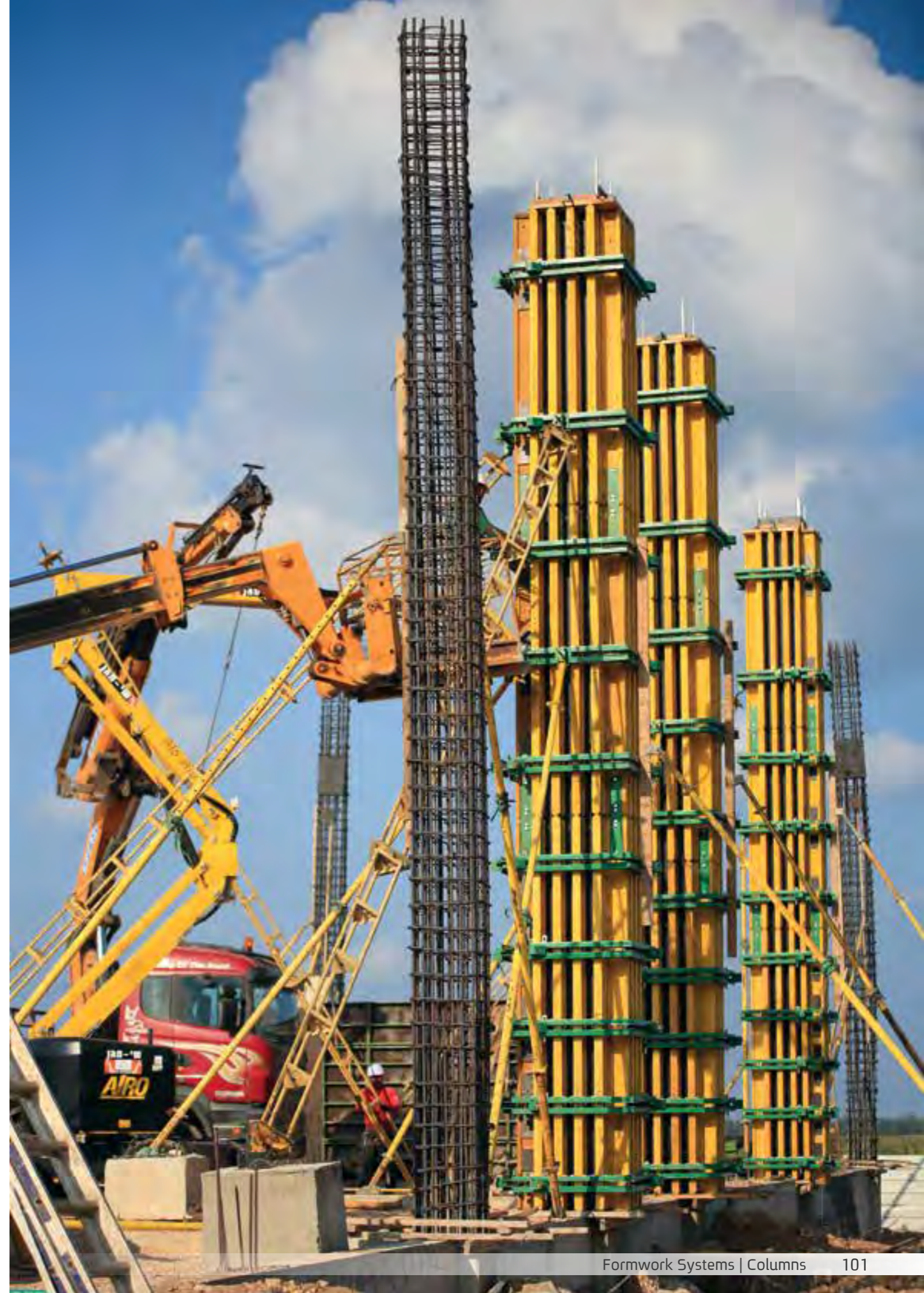
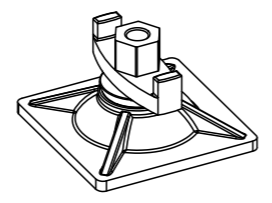
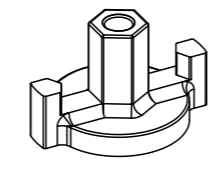
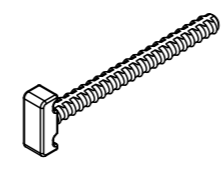


Ⓐ Maze Closer Plate for Struts	3.0	74000285
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*(for use with all panel struts)

Description & Dimensions	Weight (kg)	Cat. No.
Fixing Bolt T25	0.5	5900190
Fixing Bolt T35	0.8	5900191
<hr/>		
Nut 705	0.4	96100010
<hr/>		
Nut 1205	1.1	96200040

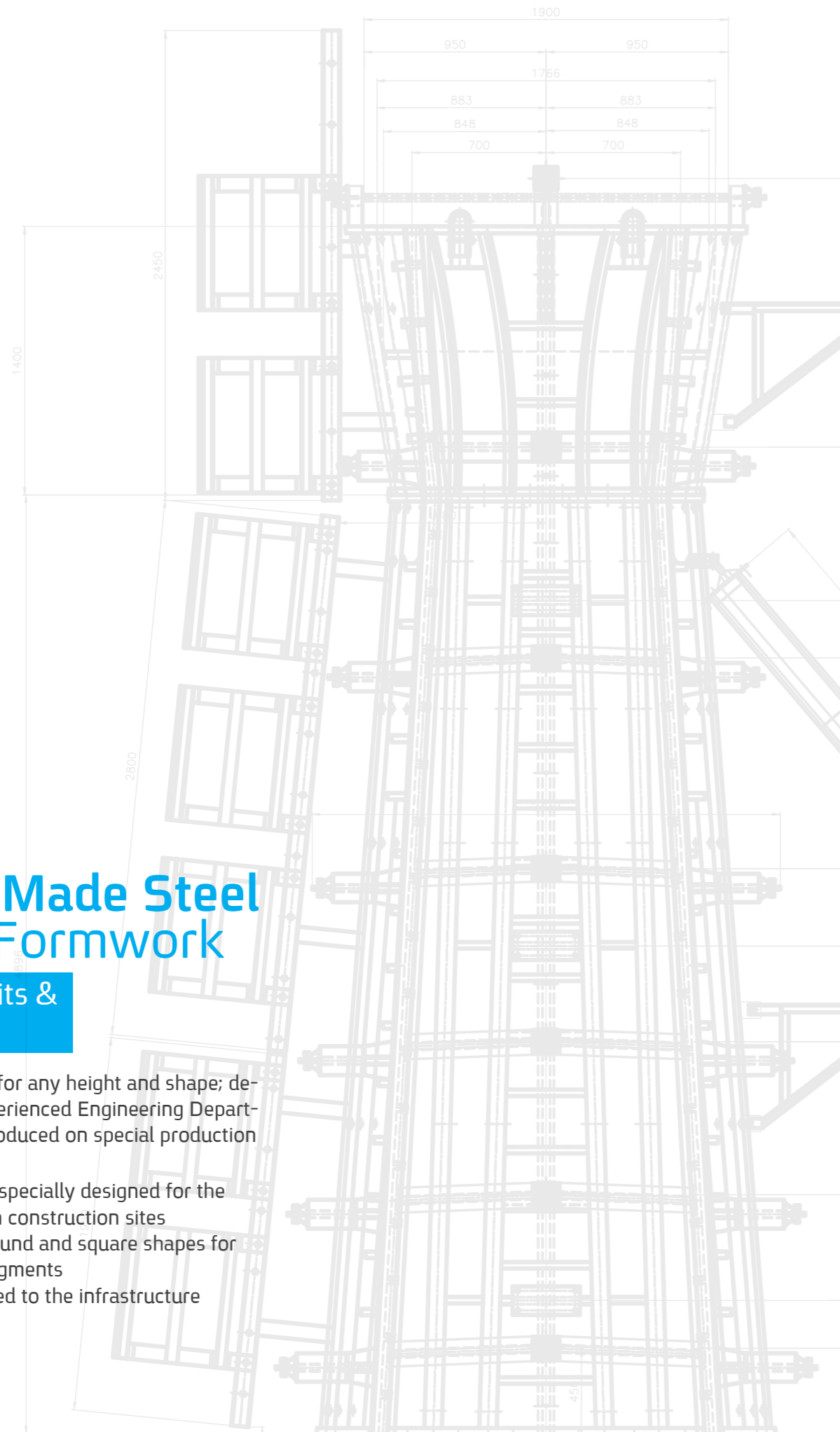


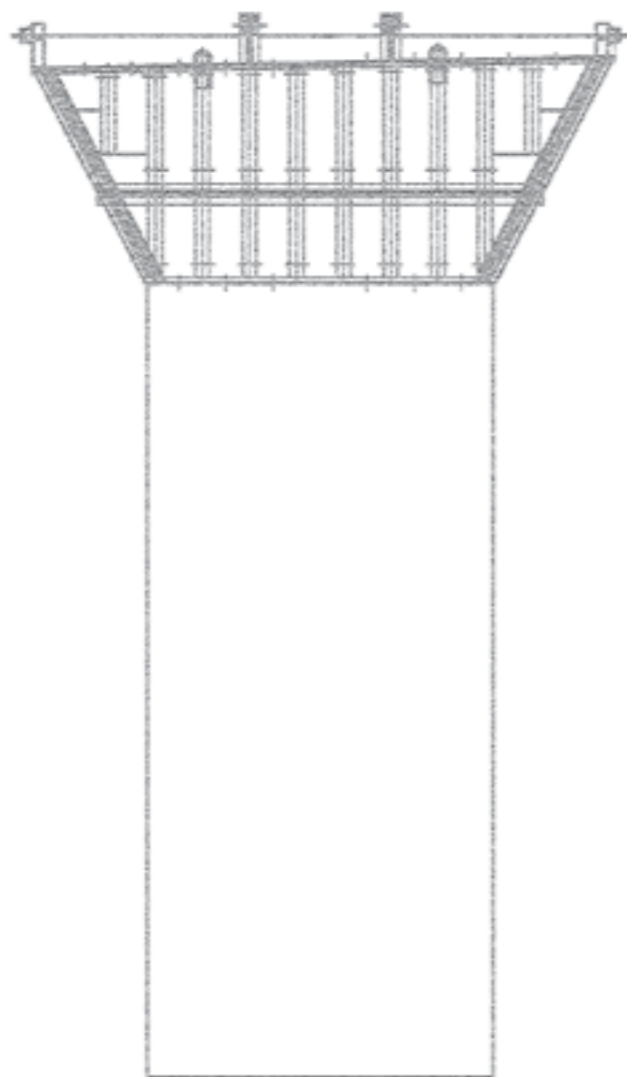
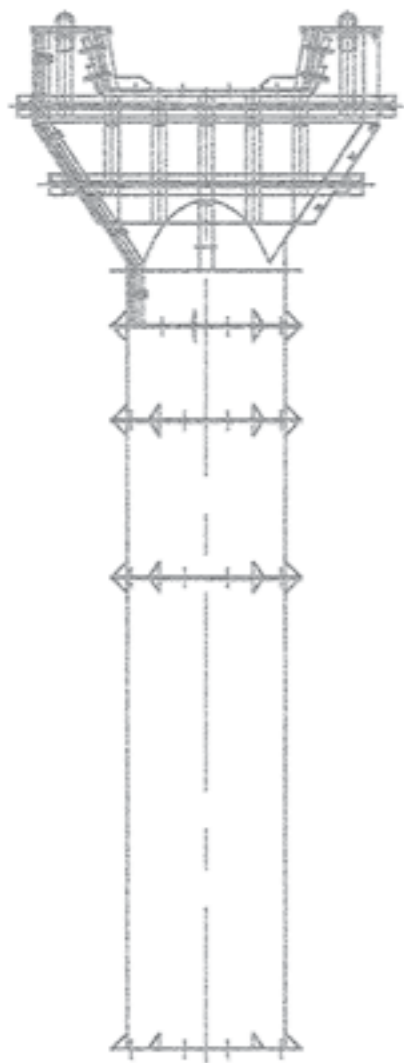
Custom-Made Steel Column Formwork

Product Benefits & Specifications

Custom steel column for any height and shape; designed by S.B.A.'s experienced Engineering Department, CNC cut and produced on special production lines

- Extremely strong; especially designed for the tough conditions on construction sites
- Available in oval, round and square shapes for use in all market segments
- Especially well suited to the infrastructure segment





Crowns for Columns

Product Benefits & Specifications

Available in round, oval, rectangular, square and crown heads for bridge segments



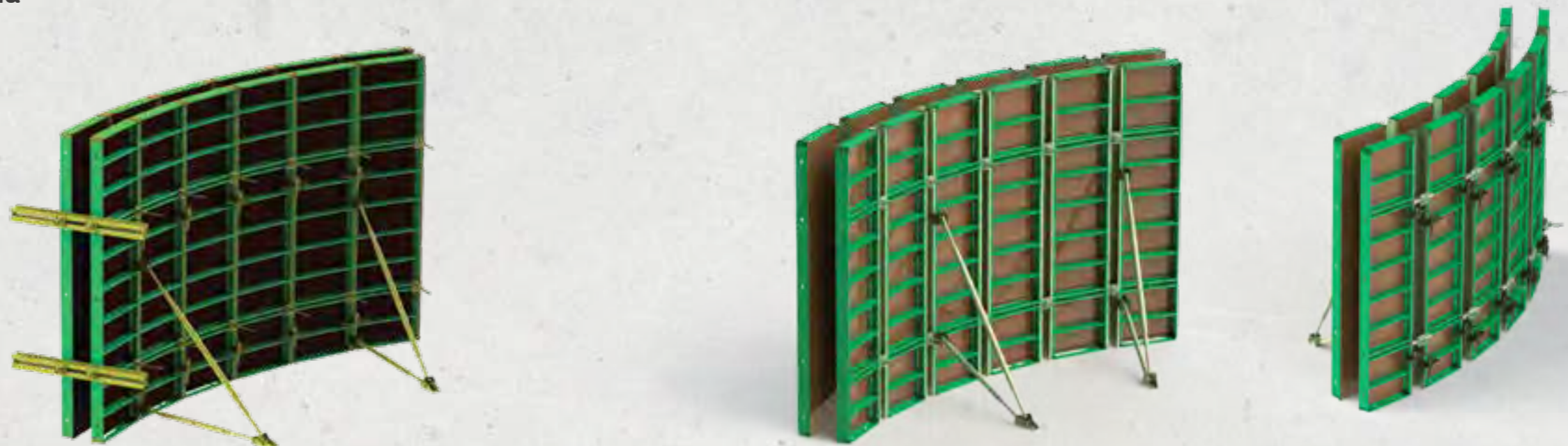


CIRCULAR WALL FORMWORK SYSTEMS

Rummy and Rummy Max Modular Systems for Casting Round Shapes

- Use fitting-zone-shaped fitting timbers
- Rent S.B.A.'s flexible steel element

For optimal radius and results when casting round and oval walls with modular formwork systems.





Circular Wall Formwork System

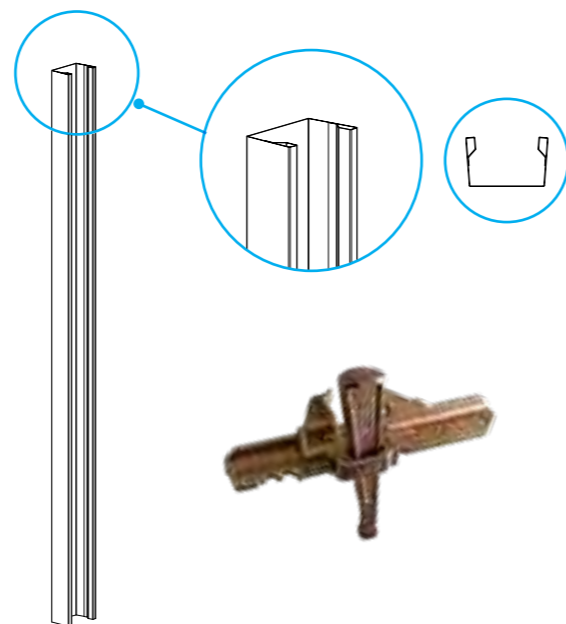
Framed Formwork Based Circular Wall

Rummy and Rummy Max solution for round walls

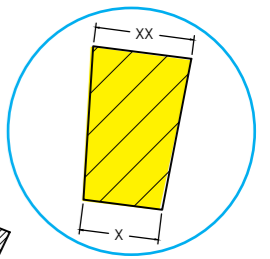
Two methods for achieving the required radius:

1. Position Trapeze Fitting Timbers between each panel (inside and out); connect as illustrated.
2. Rent S.B.A.'s flexible metal element with catching clamps.

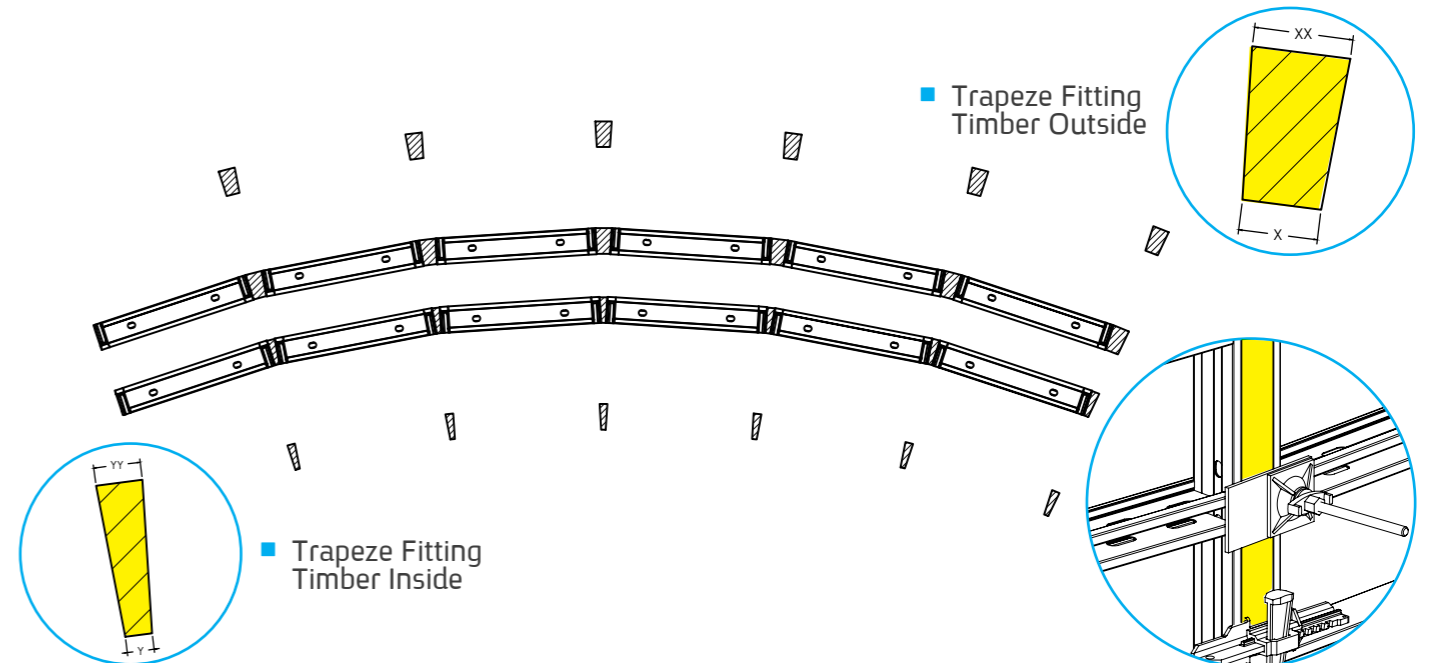
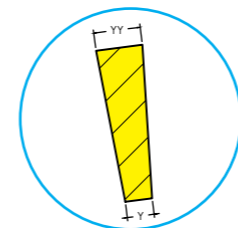
■ Flexible Element



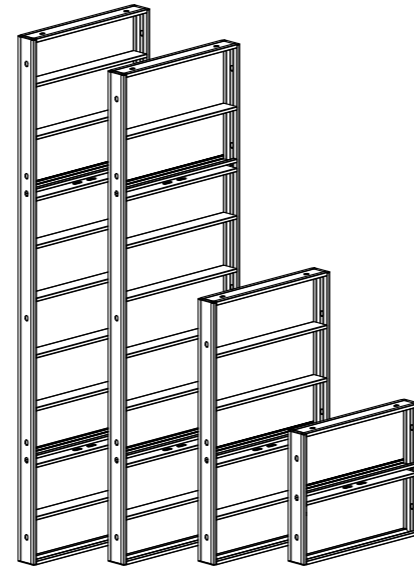
■ Trapeze Fitting Timber Outside



■ Trapeze Fitting Timber Inside



Description & Dimensions	Weight (kg)	Cat. No.
Rummy Panel 0.60x3.00m	64.0	5904030
Rummy Panel 0.55x3.00m	62.0	5904040
Rummy Panel 0.50x3.00m	58.0	5904050
Rummy Panel 0.45x3.00m	56.0	5904060
Rummy Panel 0.60x2.80m	61.0	5900030
Rummy Panel 0.55x2.80m	59.0	5900040
Rummy Panel 0.50x2.80m	55.0	5900050
Rummy Panel 0.45x2.80m	53.0	5900060
Rummy Panel 0.60x1.50m	36.0	5900420
Rummy Panel 0.55x1.50m	35.0	5900430
Rummy Panel 0.50x1.50m	33.0	5900440
Rummy Panel 0.45x1.50m	31.0	5900450
Rummy Panel 0.60x0.75m	20.0	5906060
Rummy Panel 0.55x0.75m	19.0	5906050
Rummy Panel 0.50x0.75m	18.0	5906040
Rummy Panel 0.45x0.75m	17.0	5906030



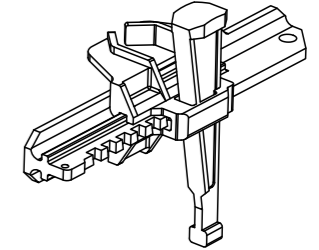
Rummy Flexible Outer Element 0.18X3.00m	21.0	6060201
Rummy Flexible Outer Element 0.18X2.80m	20.0	6060200



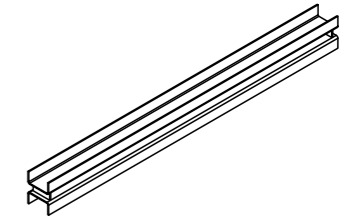
Rummy Flexible Inner Element 0.15X3.00m	20	6060101
Rummy Flexible Inner Element 0.15X2.80m	19	6060100



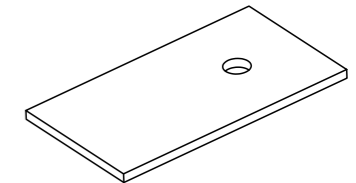
Description & Dimensions	Weight (kg)	Cat. No.
Rummy Standard Clamp K10	4.0	5900105



Steel Waling L=1.40m	16.4	5900220
Steel Waling L=3.00m	36.0	5900223

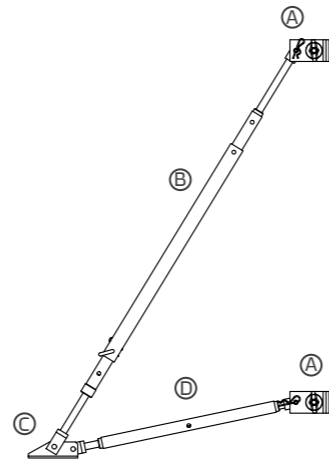


Pressure Plate 8x120x220	1.7	5900210
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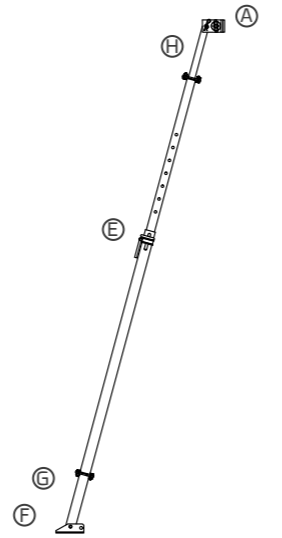


Description & Dimensions	Weight (kg)	Cat. No.
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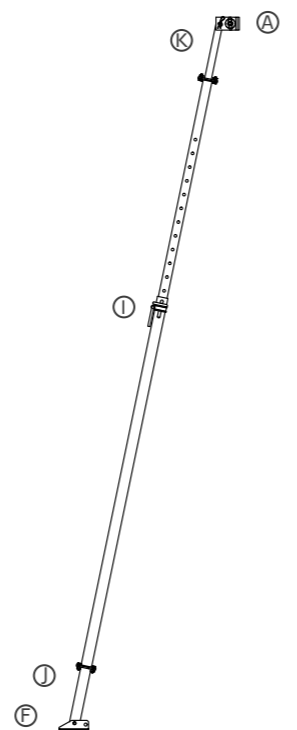
Rummy Panel Strut 3.0m	27.6	
Ⓐ Rummy Closer Plate for Strut	2.3	5900150
Panel Strut 3.0m	23.0	96000335
Ⓑ Main Strut		96000335-1
Ⓒ Strut Connector		96000335-3
Ⓓ Lower Spindle Strut		96000335-2



Rummy Panel Strut 3.5m	25.3	
Ⓐ Rummy Closer Plate for Strut	2.3	5900150
Panel Strut 3.5m	23.0	96000324
Ⓔ Prop 180/300 20 kN		6250100
Ⓕ Strut Connector		96000341
Ⓖ Lower Extension		96000324-2
Ⓗ Upper Extension		96000324-1

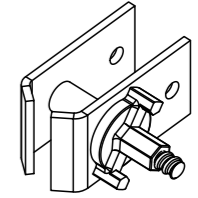


Rummy Panel Strut 6.0m	48.3	
Ⓐ Rummy Closer Plate for Strut	2.3	5900150
Panel Strut 6.0m	46.0	96000325
Ⓛ Prop 280/500 20 kN		6250102
Ⓕ Strut Connector		96000341
Ⓜ Lower Extension		96000325-2
Ⓨ Upper Extension		96000325-1

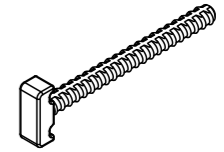


Description & Dimensions	Weight (kg)	Cat. No.
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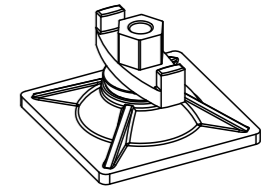
Rummy Closer Plate for Strut	2.3	5900150
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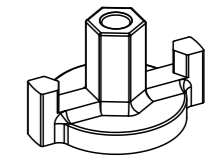
Fixing Bolt T25	0.5	5900190
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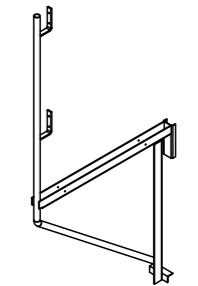
Nut 120S	1.1	96200040
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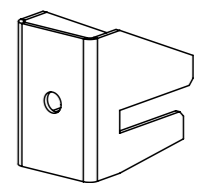
Nut 70S	0.4	96100010
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Rummy Pouring Bracket	7.0	5900140
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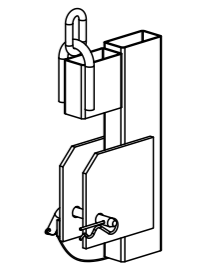


Rummy Tie Rod Adapter	1.8	5900230
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Rummy Lifting Hook	9.5	5900160
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Rummy Long Lifting Hook	11.7	5900170
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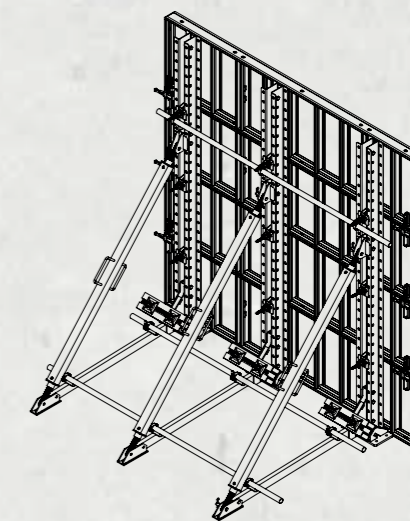
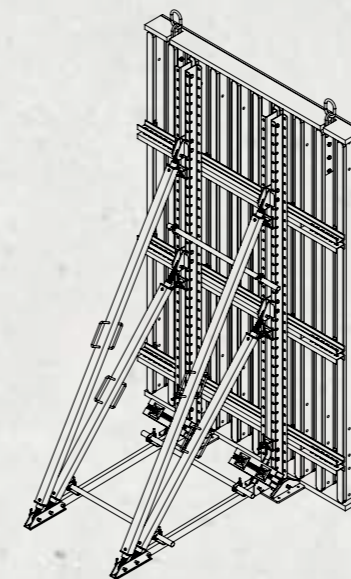
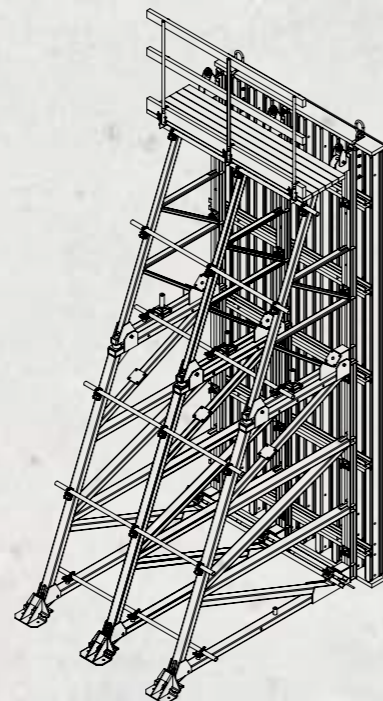


Single-Sided Wall Formwork Systems



Safe And Cost Effective Solutions for Single-Sided Wall Casting

- **SB 800 System**
Stacking Single-Sided Wall Formwork System
- **SW 400 System**
Single-Sided Wall Formwork System up to 4 m





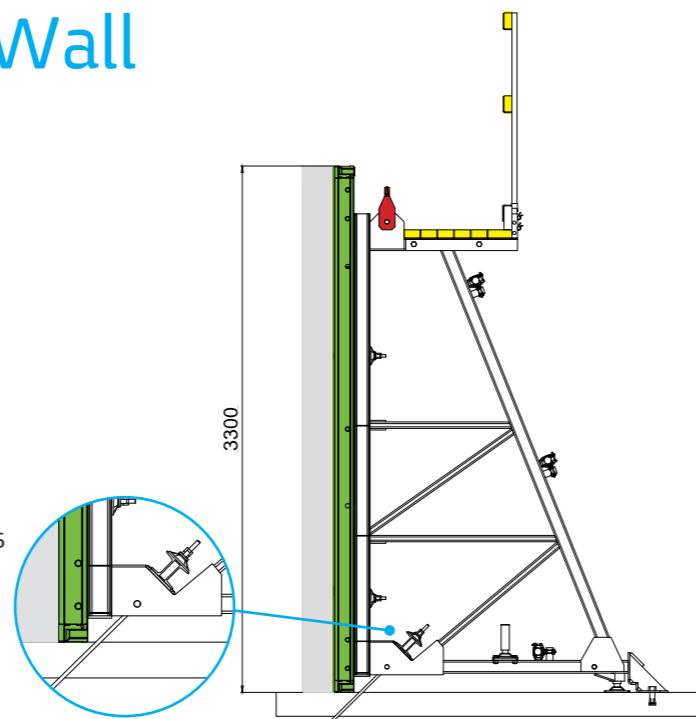
SB 800 Single-Sided Wall Formwork System

Specifications

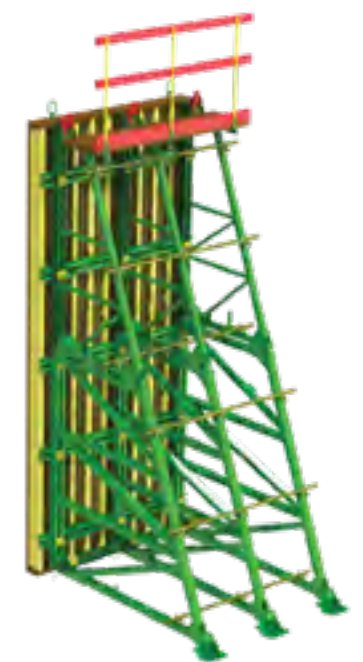
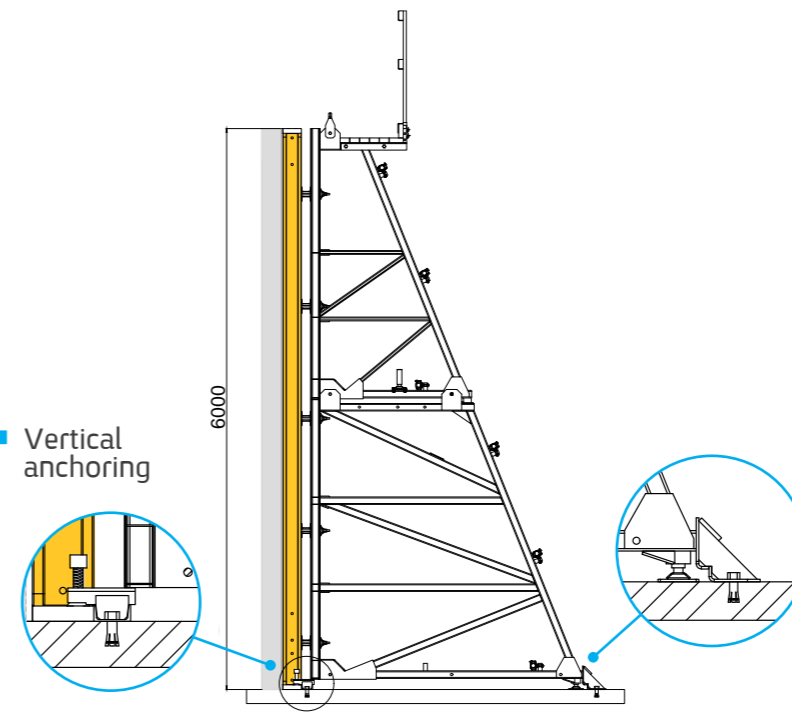
Single-sided construction frame system can support the formwork panel segments at the required height.

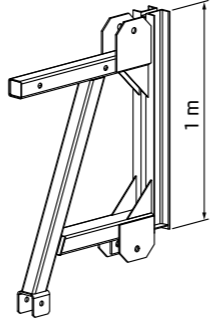
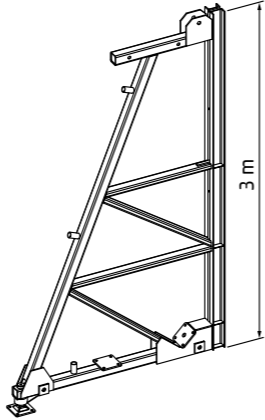
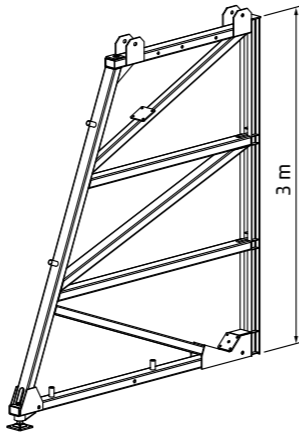
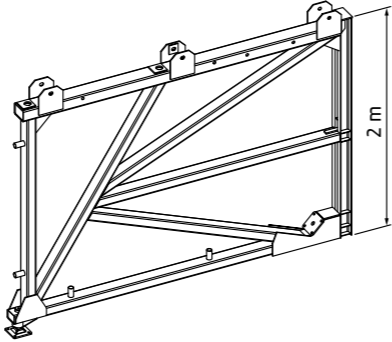
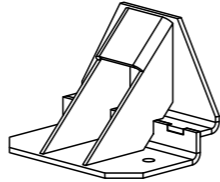
Adjusts to all types of modular formwork systems (large area panels from steel or H20 Timber Beam formwork system).

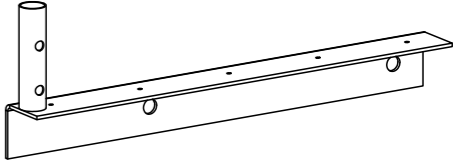

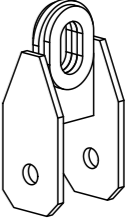
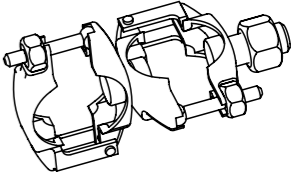
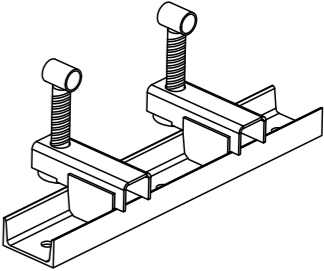
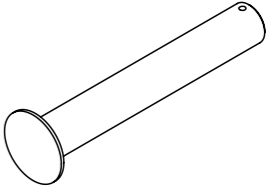
- 45 degrees anchoring



- Vertical anchoring



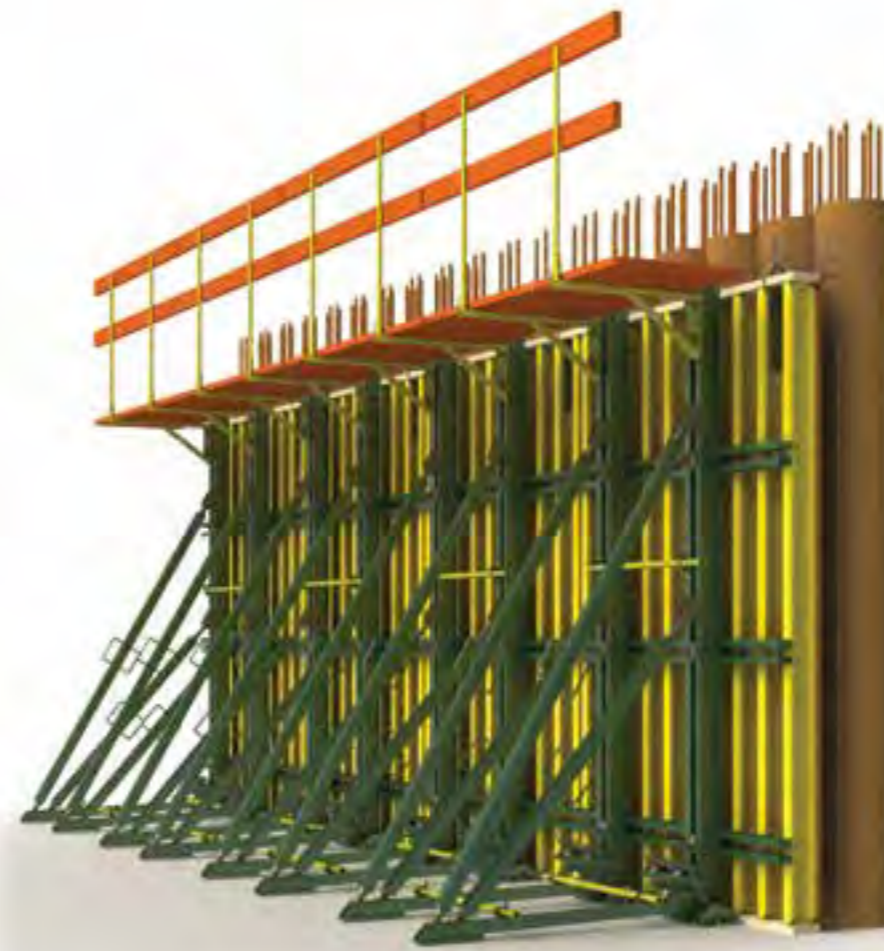
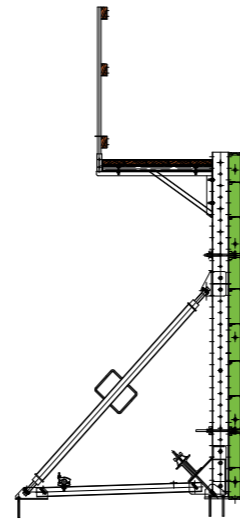
Description & Dimensions	Weight (kg)	Cat. No.	
Support Frame B1	60.0	6046035	
Support Frame B2	166.0	6046040	
Support Frame B3	363.0	6046050	
Support Frame B4	355.0	6046055	
Support Frame Stopper	15.0	6046080	

Description & Dimensions	Weight (kg)	Cat. No.	
Pouring Platform B	4.0	6046090	
Platform End Rail	2.4	96500440	
Lifting Element	5.0	6046060	
Double Swivel Coupler	1.3	96500210	
Fastening Element	14.5	6046030	
Pin Ø1"	1.0	91300130-1	

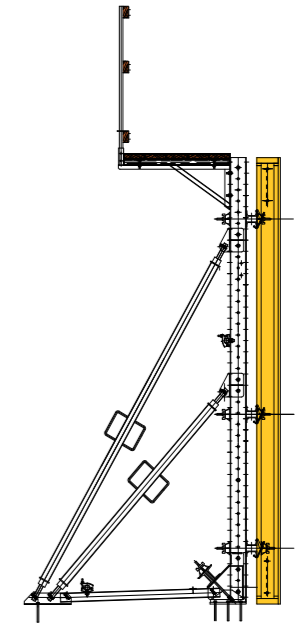
* Additional common SB 800 parts on page 124



■ Struts Single-Sided Wall Formwork System with **vertically Rummy formworks**, for pour heights up to 3 m.



■ Struts Single-Sided Wall Formwork System with **Maze formworks**, for pour heights up to 4 m.



SW 400 Single-Sided Wall Formwork System

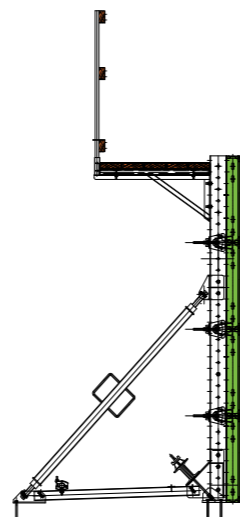
Specifications

Support the formwork panel segments up to maximum 4 m.

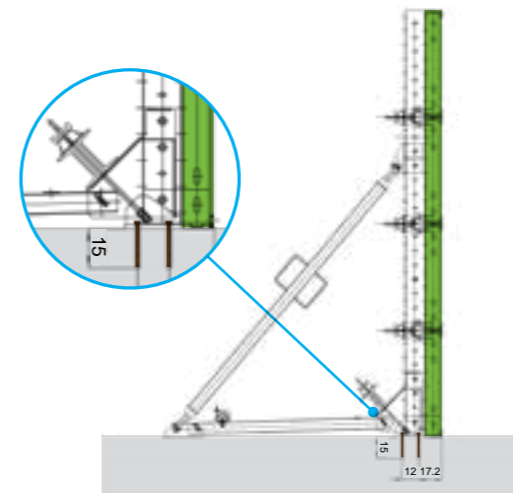
Advantages

- Fast and simple assembly with minimal manpower.
- Suitable for inclined terrain.
- Reduced crane time.

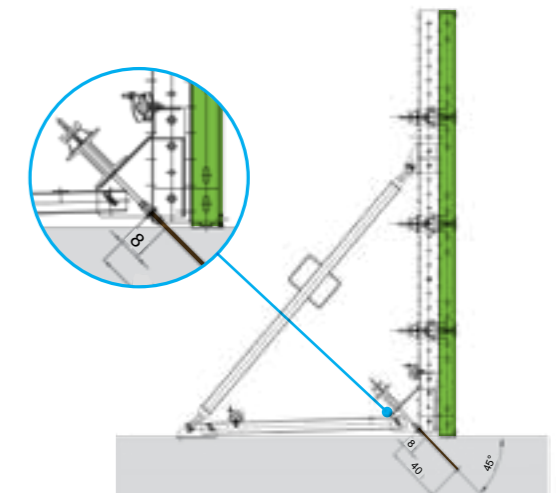
■ Struts Single-Sided Wall Formwork System with **horizontally Rummy formworks**

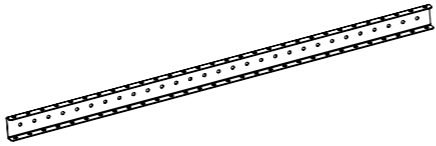
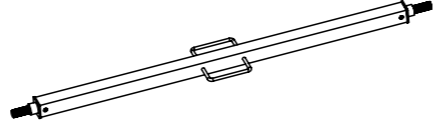
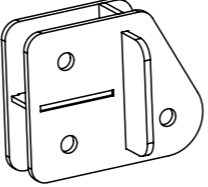
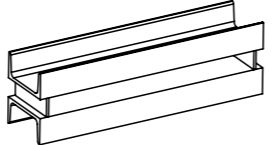
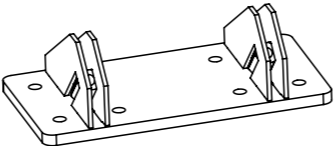
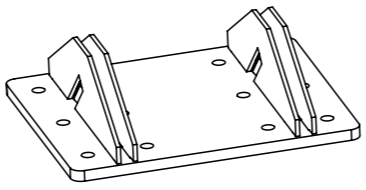
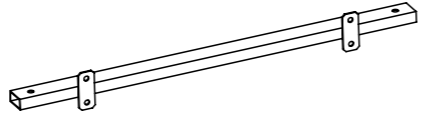
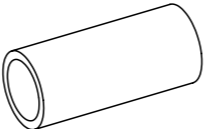


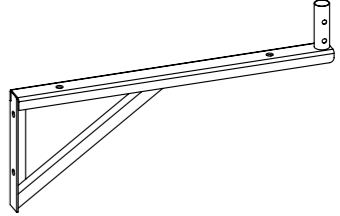

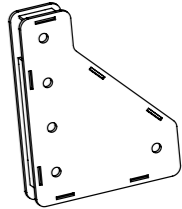
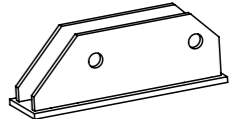
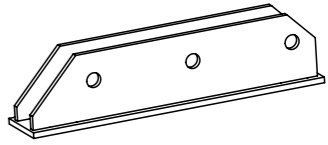
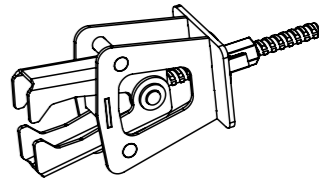
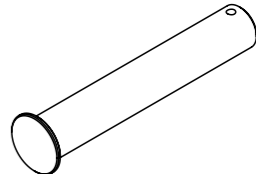
■ Vertical anchoring
The load passes through a perpendicular anchoring to the ground.

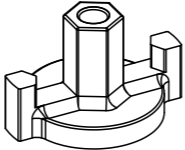
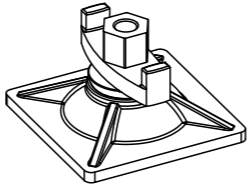
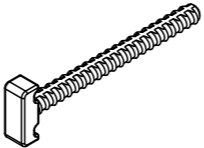
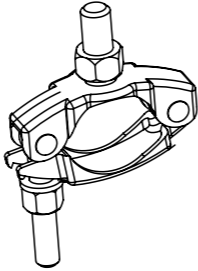

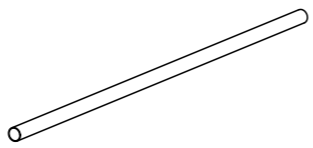
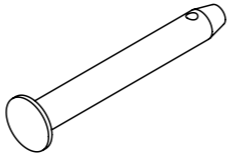



■ Lost parts anchoring
Anchoring parts remain in the ground.



Description & Dimensions	Weight (kg)	Cat. No.	
Multipurpose Steel Beam L=3.98m	37.0	96004152	
Multipurpose Steel Beam L=2.98m	28.0	96004101	
Spindle Strut L=3.6m	20.3	6046201	
Spindle Strut L=2.48m	14.0	6046200	
Panel Strut Multipurpose Beam Connector	5.9	6046001	
Steel Waling L=0.5m	13.8	6046002	
Front Floor Connector	12.6	6046005	
Front Floor Connector XL	22.4	6046012	
Lower Strut L=1.5m	8.6	6046004	
Tube 3/4"x2.2 L=6cm	0.1	6046006	

Description & Dimensions	Weight (kg)	Cat. No.	
Pouring Platform OSW	9.3	96004111	
Platform End Rail	2.4	96500440	
Base Connector	14.4	6046003	
Rear Floor Connector	4.2	6046007	
Rear Floor Connector XL	6.8	6046013	
Single Side Gripper	3.0	6046008	
Pin ø20 mm	0.32	91300140	

Description & Dimensions	Weight (kg)	Cat. No.	
Nut 705	0.4	96100010	
Nut 1205	1.1	96200040	
Fixing Bolt T25	0.5	5900190	
Fixing Bolt T35	0.8	5900191	
Swivel Coupler	0.6	96500211	
Tie Rod 15 mm L=0.50 m	0.7	96200180-1	
Scaffold Tube 1¼" L=1.00 m	2.5	5541000	
Scaffold Tube 1¼" L=1.50 m	3.8	5541500	
Scaffold Tube 1¼" L=2.00 m	5.0	5542000	
Scaffold Tube 1¼" L=2.50 m	6.3	5542500	
Scaffold Tube 1¼" L=3.00 m	7.5	5543000	
Scaffold Tube 1¼" L=3.50 m	8.8	5543500	
Scaffold Tube 1¼" L=4.00 m	10.0	5544000	
Pin Ø14 mm	0.15	91300050	
Pin R Galvanized 4x75	0.01	91300010	



Slab Systems

Complete Solutions
for Casting Slabs

TM Flex System

Everest Modular Slab System

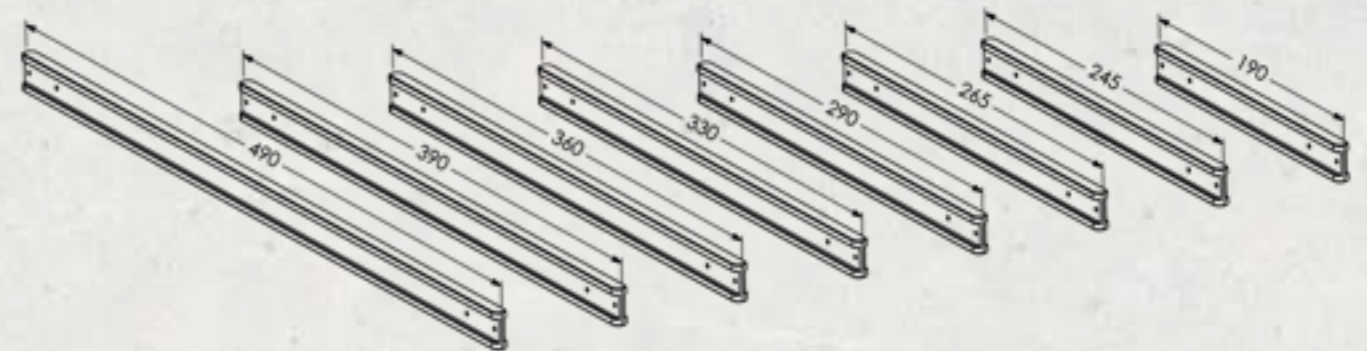




TM Flex System

Simple Floor-Slab System Assembled from H20 Timber-Beam Greed

- Flexible grid system for every layout
- Cost-Efficient due to Reuse Capabilities

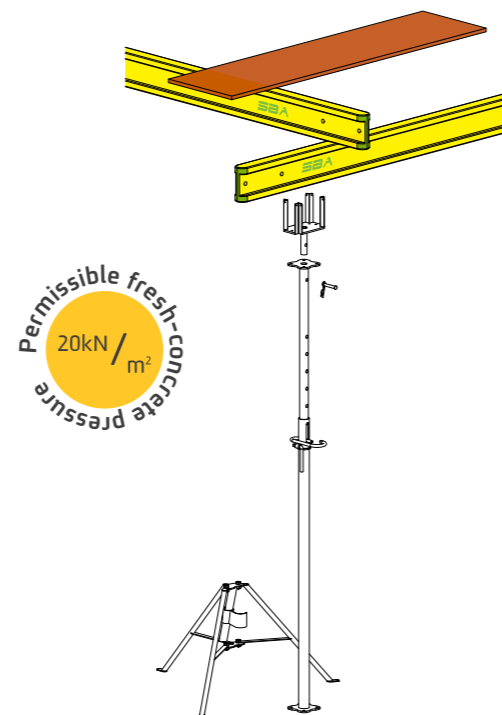




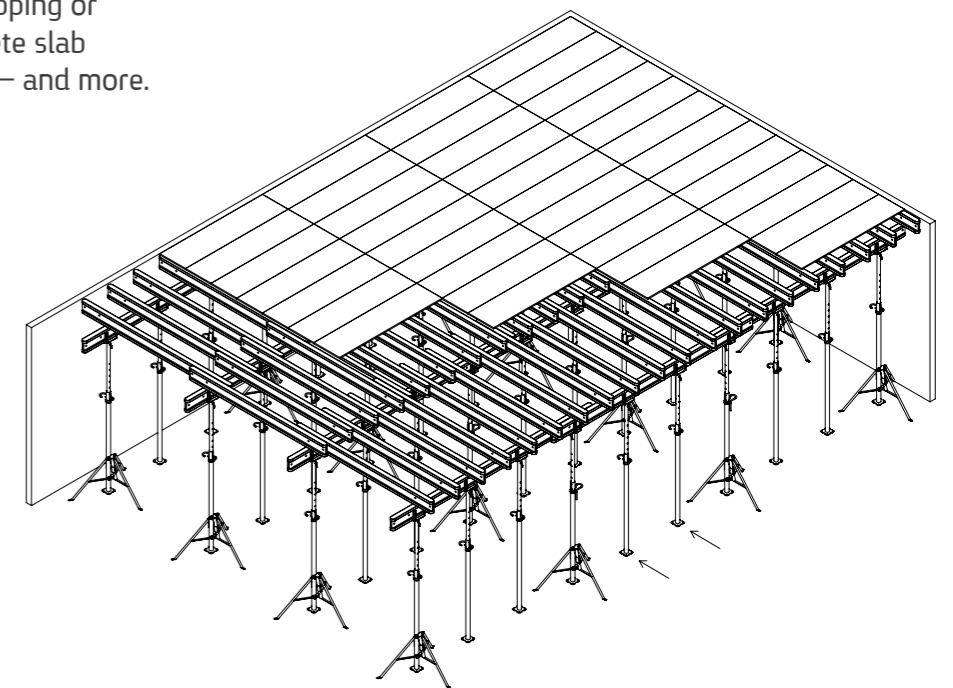
TM Flex System

Product Specifications

- Only five components: tripods, props, 4-way head, H20 timber beams, plywood
- High-load props – 20 kN rating – no matter how far extended
- Removable folding tripods are quick and easy to mount



- Complete flexibility by simply stripping or spreading the system, cast concrete slab thickness between 15 and 50 cm – and more.



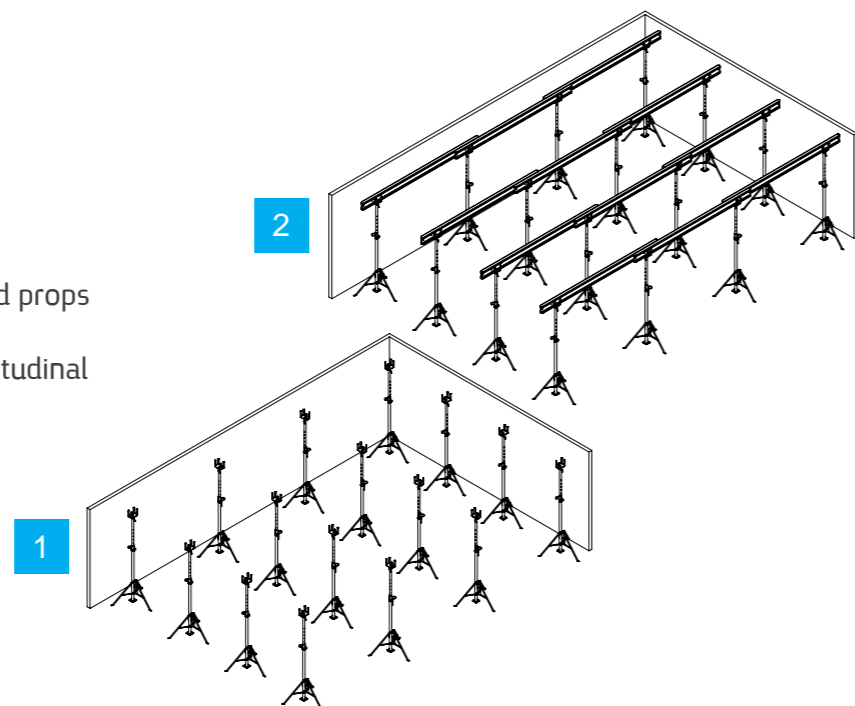


TM Flex System

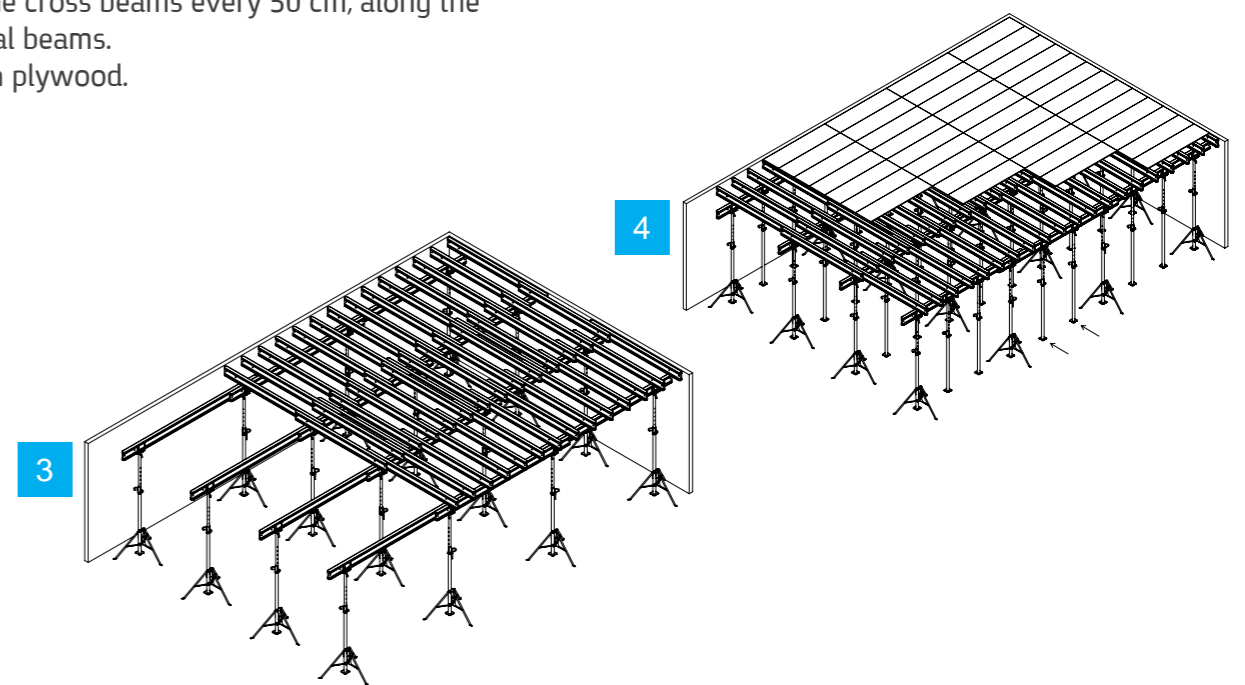
System Deployment

Position in just four easy steps:

1. After measuring, position the tripods and props together.
2. Pass the 4-way heads through the longitudinal beams.



3. Position the cross beams every 50 cm, along the longitudinal beams.
4. Cover with plywood.

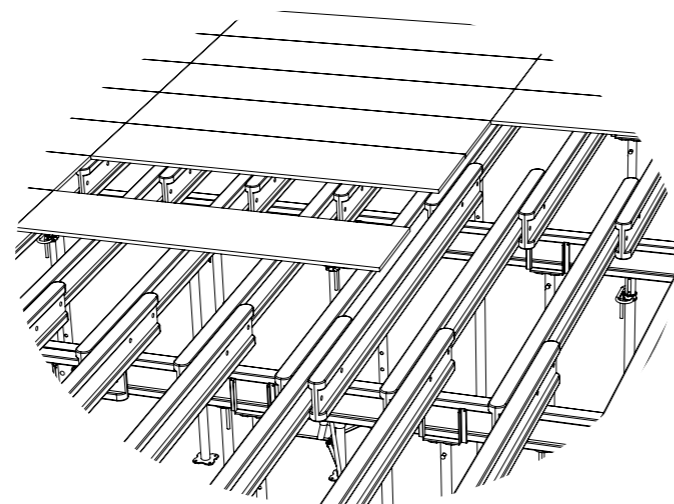




TM Flex System

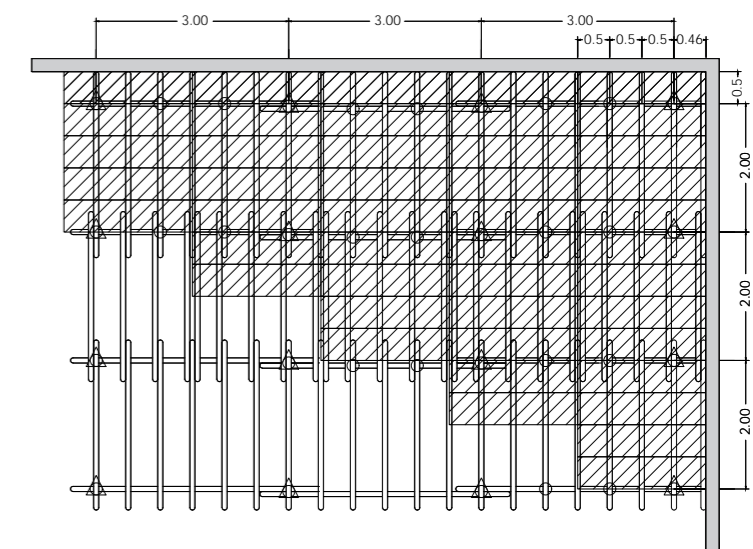
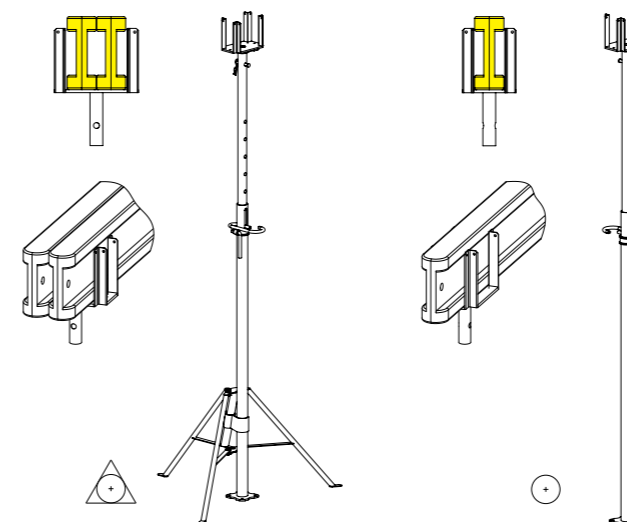
System Deployment

Due to the flexible method of positioning the cross beams, during assembly add additional cross beams as needed using 50x200 or 50x250 plywood, as illustrated.



The 4-way heads can be positioned in two ways:

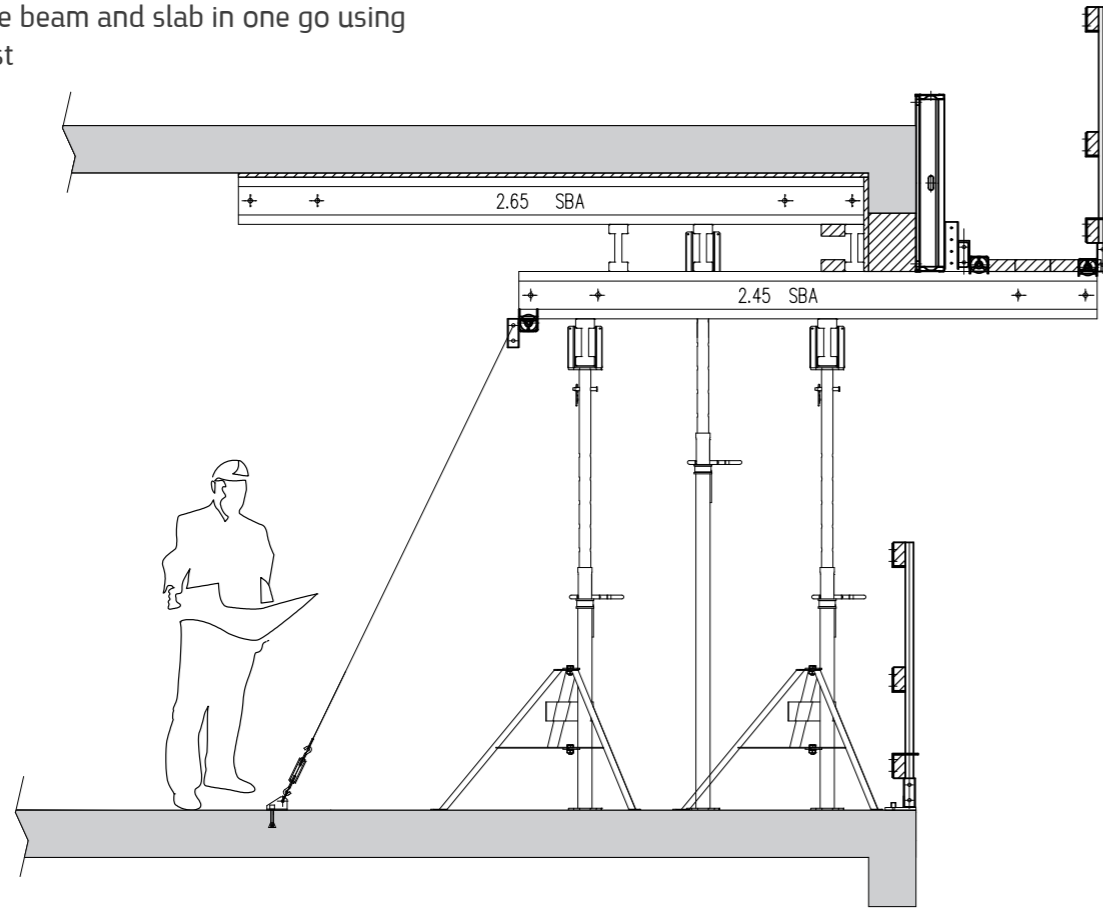
- Passing through two H20 Beam and tripod
- Passing through one H20 Beam



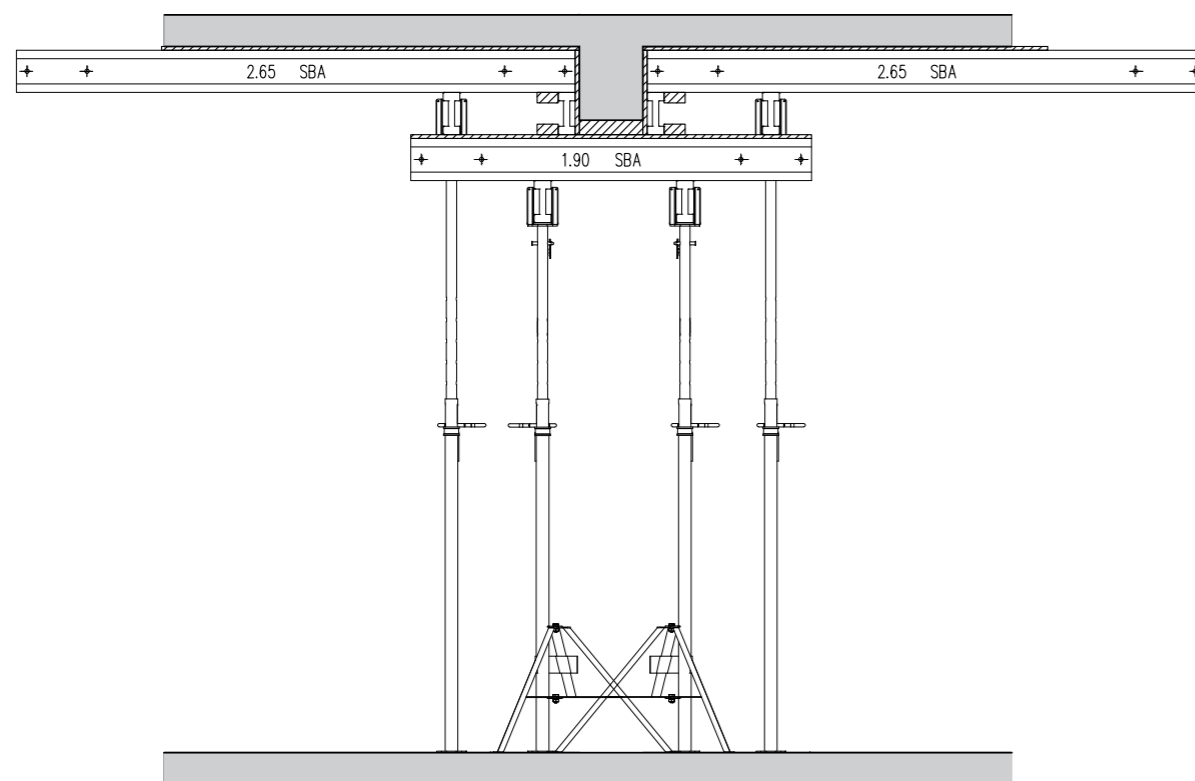
TM Flex System

Applications

- Casting edge beam and slab in one go using handrail post



- Casting cross beam and slab in one go using the H20 Beams as a side formwork

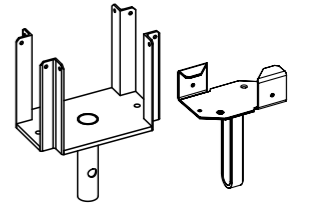


Description & Dimensions	Weight (kg)	Cat. No.
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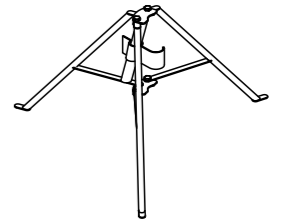
Prop 180/300 20 kN		6250100
Prop 280/500 20 kN		6250102
Prop 180/300 30 kN		6250101
Prop 280/500 30 kN		6250103



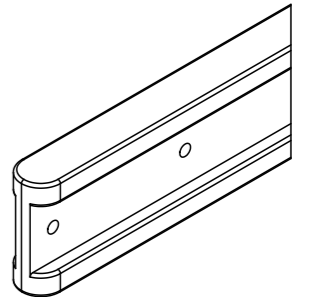
4-Way Head	3.0	6250130
Supporting Head	0.7	6250135



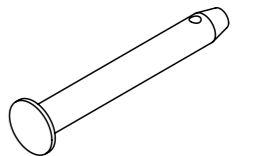
Tripod	10.0	6250110
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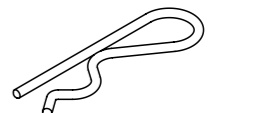
H20 Timber Beam L=4.90m	22.1	6260010
H20 Timber Beam L=3.90m	17.6	6260015
H20 Timber Beam L=3.60m	16.2	6260020
H20 Timber Beam L=3.30m	14.9	6260025
H20 Timber Beam L=2.90m	13.1	6260030
H20 Timber Beam L=2.65m	11.9	6260040
H20 Timber Beam L=2.45m	11.1	6260045
H20 Timber Beam L=1.90m	8.6	6260050



Pin Ø14 mm	0.15	91300050
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Pin R Galvanized 4x75	0.01	91300010
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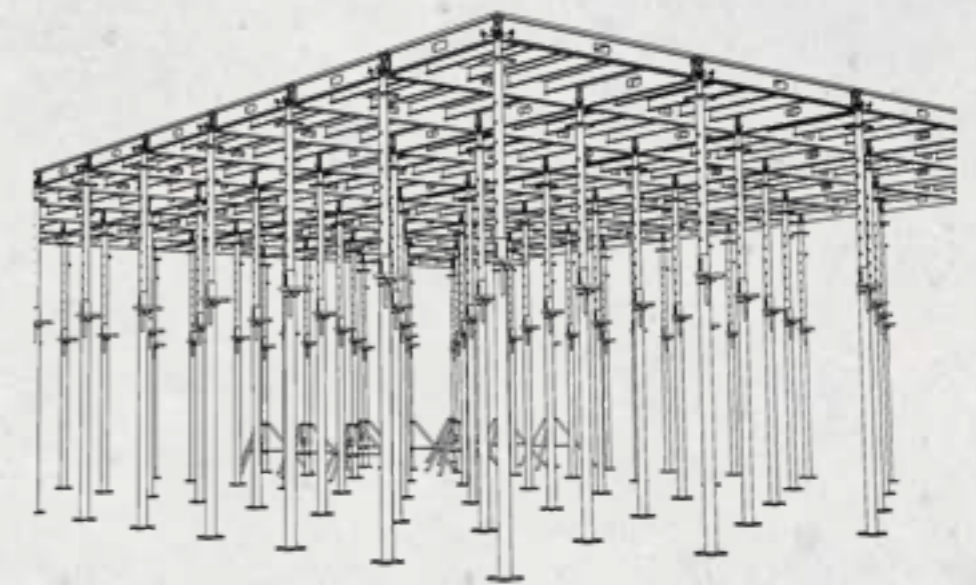


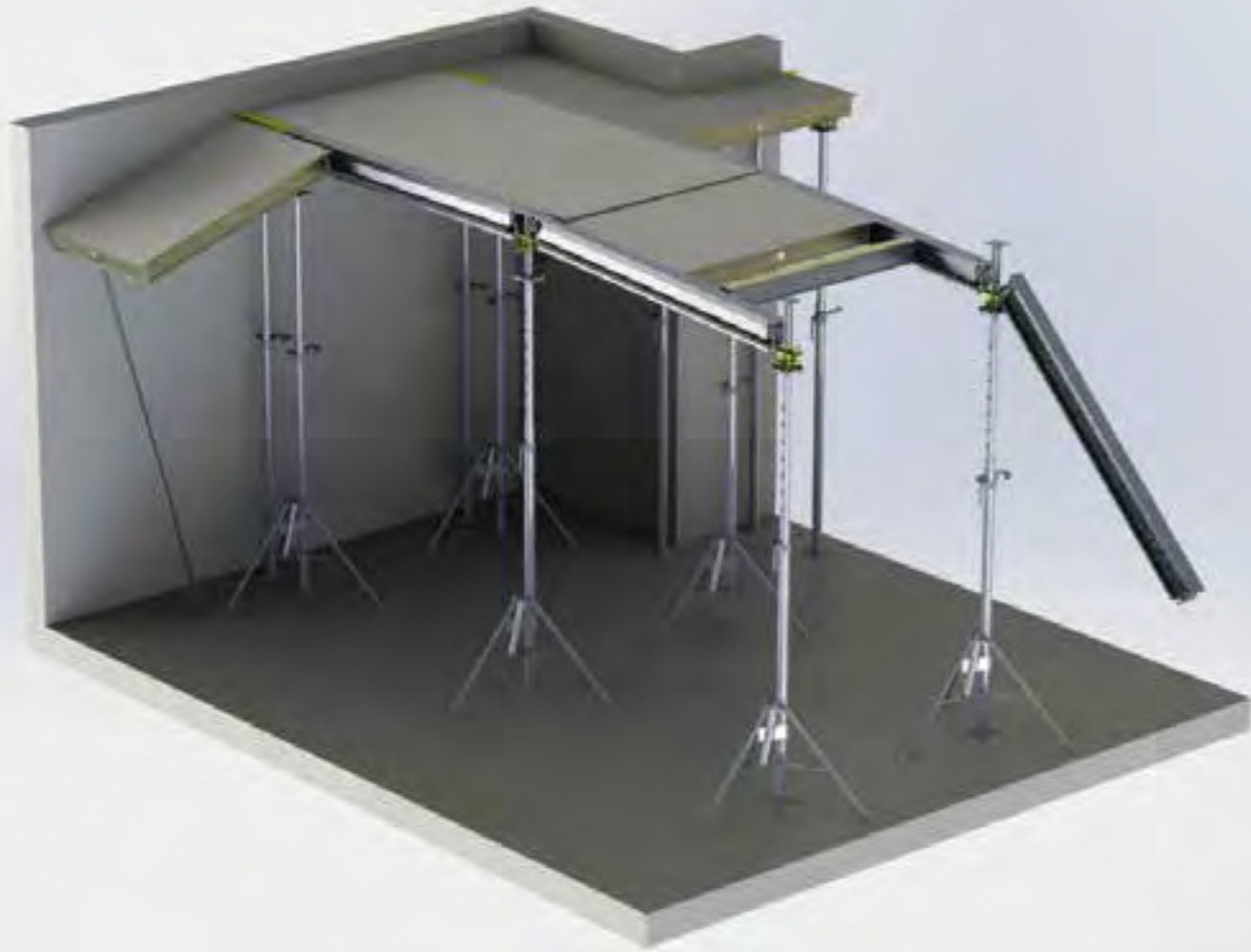


Everest Modular Slab System

Aluminum Panels Based Slab System

- Extremely light - All aluminum components
- Just a few components
- Fast, easy assembly/dismantling
- Cost efficient due to long life and less maintenance



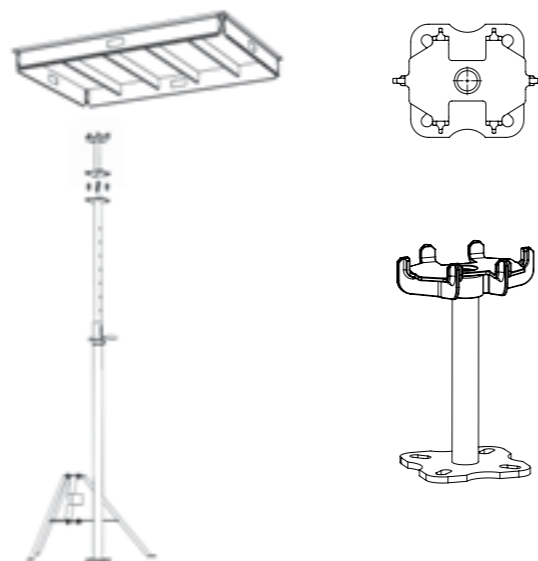


Everest Modular Slab System

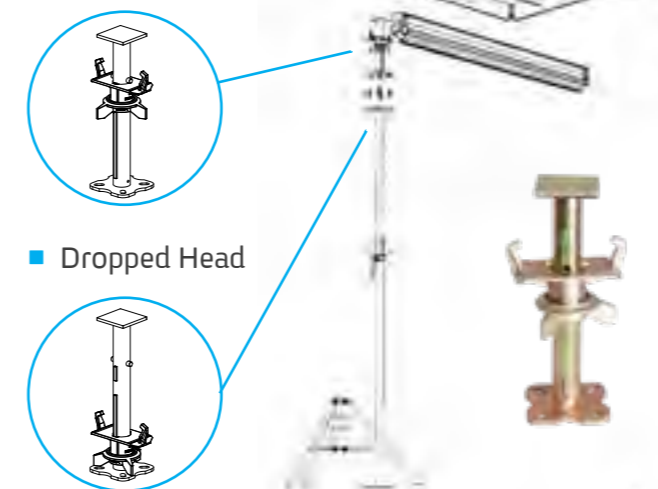
The Smart Modular Slab Panel System

- One method of positioning utilizes our Crown Head for fast, easy assembly
- Another method uses our Dropped Head for early striking (dismantling the system after only 3 days with approval of construction engineer)

■ Crown Head



1. Position the props and the longitudinal beams.
2. Position the Everest panels between the longitudinal beams.
3. Reinforce the slab and cast.



■ Dropped Head

- Extremely strong: Reinforced corner edge
- Heavy-duty plastic sheet for many casting repetitions





Everest Modular Slab System

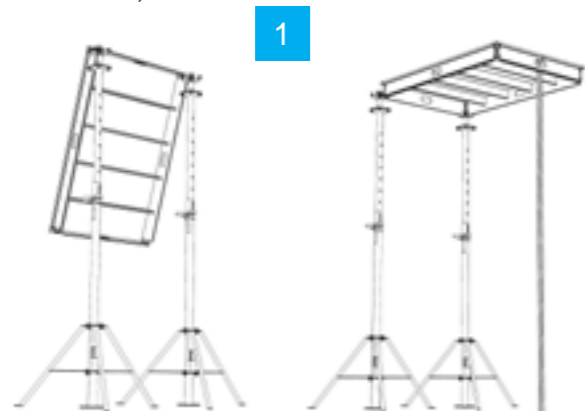
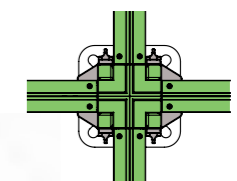
Positioning with Crown Head

Position the system in three easy steps (as illustrated).

- 1.0 Position two tripods and two props parallel to the landing deck panel.
- 1.1 Slide the crown head into the prop.
- 1.2 Position one side of the panel to catch the crown head hooks.
- 2.0 Raise the front of the panel with the lifter tool and connect the additional two props, and so on.

- 3.0 Connect the panel and continue the same way

- The crown head can support the panels from all directions (front and sides)



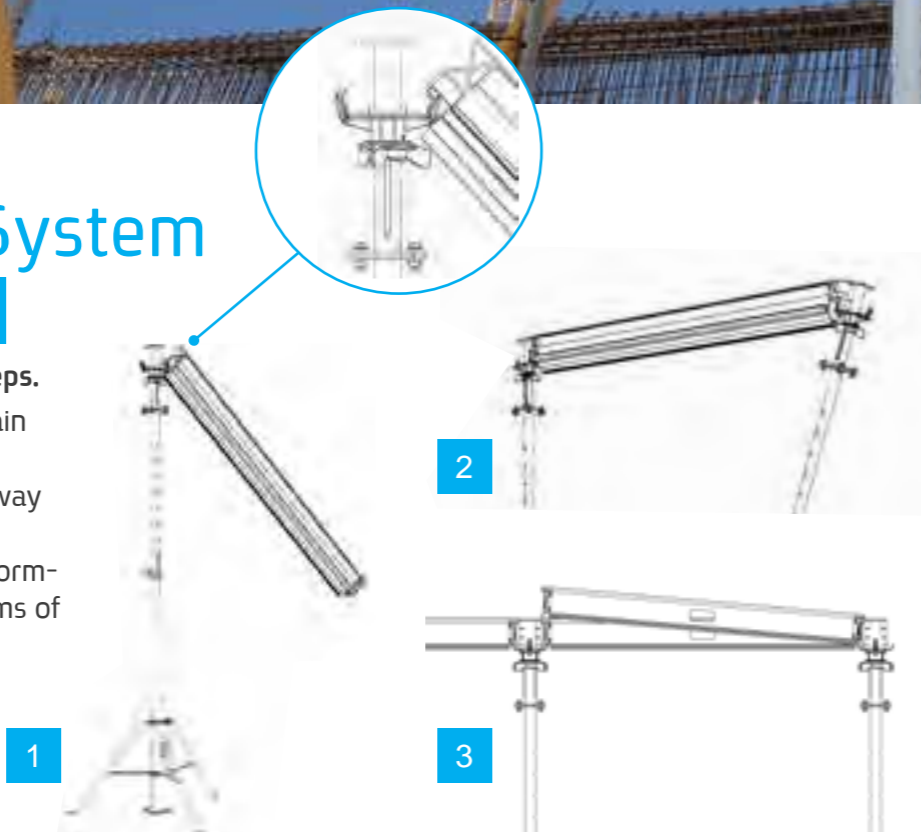


Everest Modular Slab System

Dismantling the System

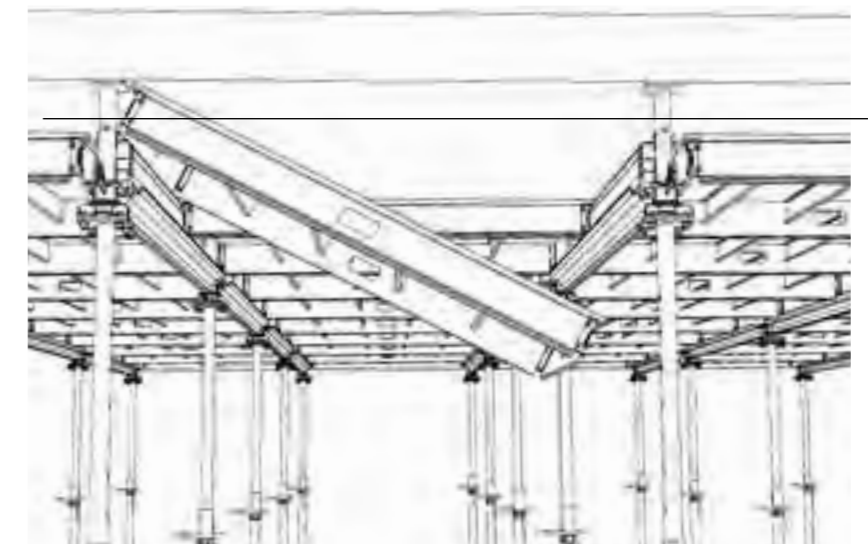
Position the system in three easy steps.

1. Hang the edge of the aluminum main beam to the dropped head hook.
2. Connect the beam edge the same way on the other side.
3. Position (sink) the aluminum slab formwork panel between the main beams of the parallel aluminum.



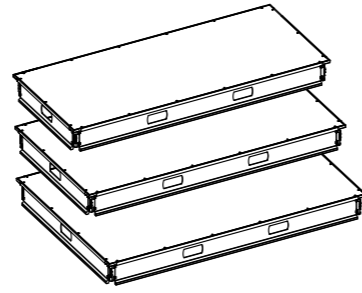
Dismantle the system in two steps.

- Lower the system with the dropped head
- Dismantle the panels one by one

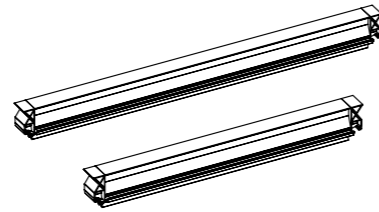


Description & Dimensions	Weight (kg)	Cat. No.
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Everest Alu Panel 80x140cm	21.1	62500040
Everest Alu Panel 65x140cm	18.0	62500041
Everest Alu Panel 50x140cm	14.9	62500042



Everest Alu Beam 230cm	18.5	62500050
Everest Alu Beam 170cm	14.4	62500051



Fitting Zone Beam 140cm	8.0	62500052
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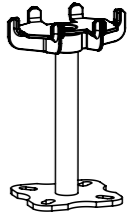


Description & Dimensions	Weight (kg)	Cat. No.
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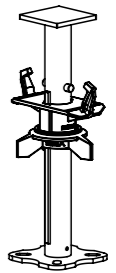
Prop 180/300 20 kN	15.0	6250100
Prop 280/500 20 kN	36.0	6250102
Prop 180/300 30 kN	20.0	6250101



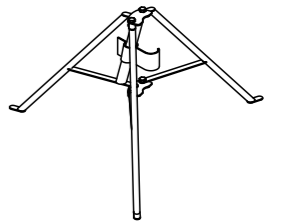
Crown Head	2.0	62500064
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Dropped Head	5.2	62500070
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Tripod	10.0	6250110
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Working & Protection Platforms

Safe and Strong Scaffold Systems

SP 180 Platform

CR 250 Platform

Telescoping Shaft Beam Platform



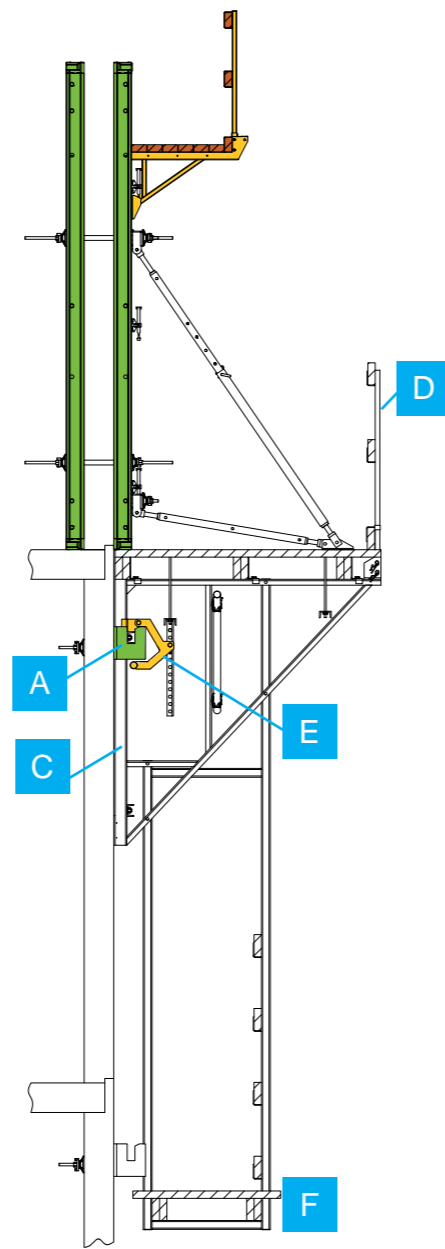


The S.B.A. Platform System is Safe, Strong and Easy to Handle

Platform Types

- **SP 180 Platform**
Multifunctional standard platform; 180 cm wide x 3 m long, up to 4.50 m
- **CR 250 Platform**
Climbing platform allows for connecting the platform and the formwork together – and lifting as one unit, in one move
- **Telescoping Shaft Beam Platform**



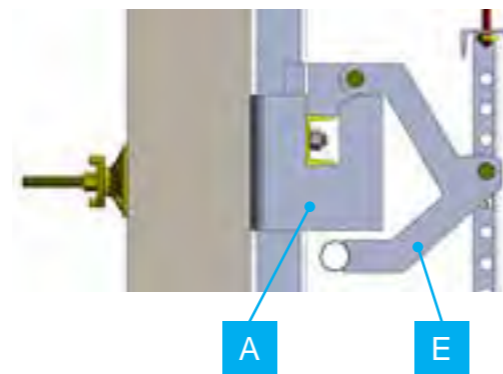


SP 180 Platform

Product Benefits & Specifications

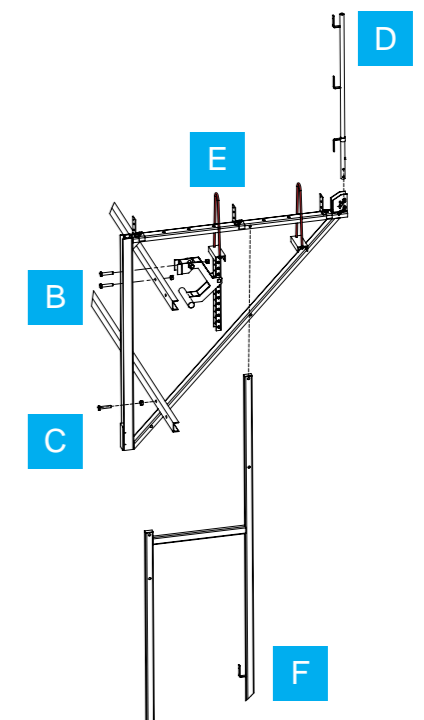
- Easy to position
- Easy and efficient anchoring system
- Cost-effective: No need to purchase or replace lost parts or anchors
- Saves time and labor
- Typical length: 3 m or 5 m

■ Safety locking system



Platform Components

- A - Hanging Element
- B - Waling U80
- C - SP180 Bracket
- D - Platform End Rail
- E - SP180 Safety Lock

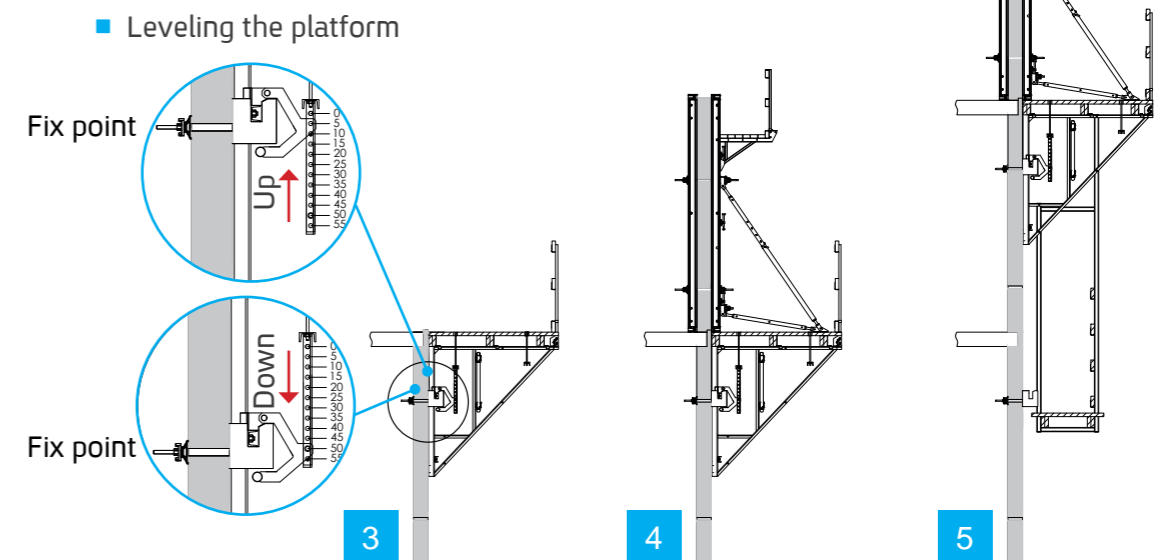
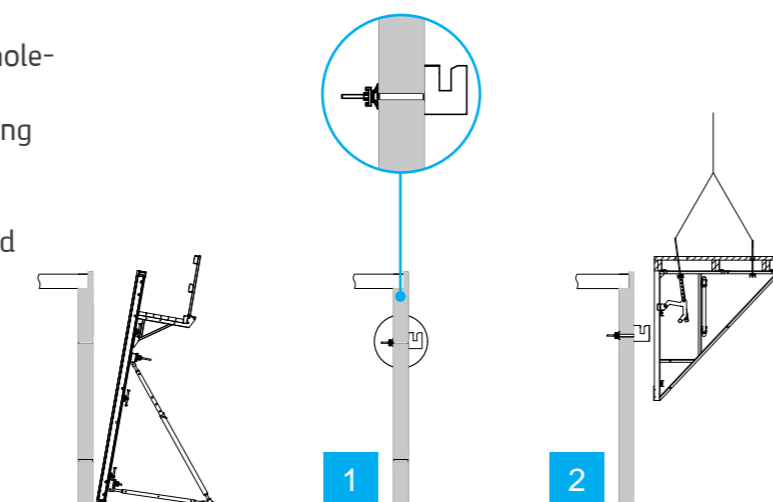




SP 180 Platform

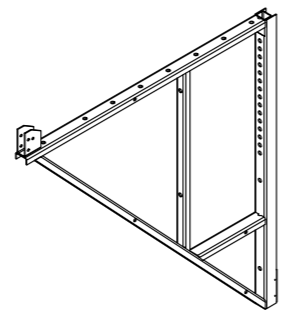
Positioning the Platform

1. Fix the hanging element to the upper tie rod hole with a reusable anchor bar.
2. Position the assembled platform on the hanging element.
3. Level the platform.
4. Lift up the formwork segment to be positioned onto the platform system.
5. The suspension platform is connected to the 2nd floor.

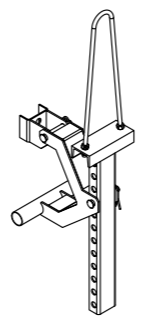


Description & Dimensions	Weight (kg)	Cat. No.
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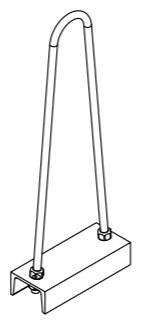
SP180 Bracket	59.0	96500265
SP250 Bracket	64.0	96500275



SP180 Safety Lock	11.0	96500221
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SP180 Lifting Hook	2.0	96500010
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Suspension Platform	34.0	96500225
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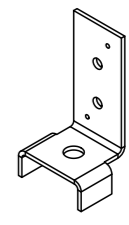


Description & Dimensions	Weight (kg)	Cat. No.
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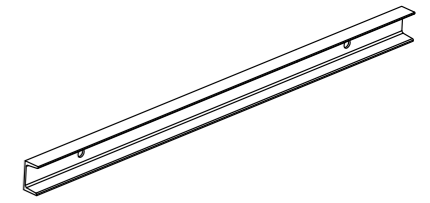
Platform End Rail	2.4	96500440
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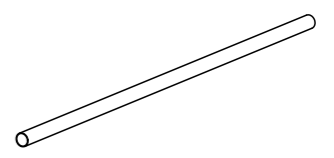
Timber Holder	0.7	96500360
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Waling U80 L=100cm	7.9	5521000
Waling U80 L=150cm	11.9	5521500
Waling U80 L=200cm	15.8	5522000
Waling U80 L=250cm	19.8	5522500
Waling U80 L=300cm	23.7	5523000
Waling U80 L=350cm	27.7	5523500
Waling U80 L=400cm	31.6	5524000
Waling U80 L=450cm	35.6	5524500
Waling U80 L=500cm	39.5	5525000

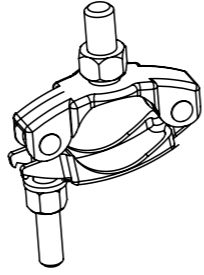


Scaffold Tube 1 1/4" L=100cm	2.5	5541000
Scaffold Tube 1 1/4" L=150cm	3.8	5541500
Scaffold Tube 1 1/4" L=200cm	5.0	5542000
Scaffold Tube 1 1/4" L=250cm	6.3	5542500
Scaffold Tube 1 1/4" L=300cm	7.5	5543000
Scaffold Tube 1 1/4" L=350cm	8.8	5543500
Scaffold Tube 1 1/4" L=400cm	10.0	5544000
Scaffold Tube 1 1/4" L=450cm	11.3	5544500
Scaffold Tube 1 1/4" L=500cm	12.5	5545000

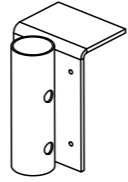


Description & Dimensions	Weight (kg)	Cat. No.
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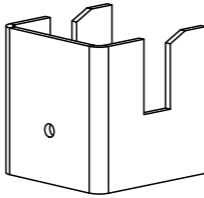
Swivel Coupler	0.51	96500211
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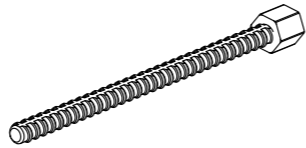
Handrail Post Connector	1.2	96500350
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Hanging Element	9.6	96500185
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Platform Anchor L=248mm	0.5	94600210-14
Platform Anchor L=348mm	0.7	94600210-19
Platform Anchor L=402mm	0.8	94600210-10
Platform Anchor L=455mm	0.8	94600215
Platform Anchor L=512mm	0.9	94600210-21
Platform Anchor L=572mm	1.0	94600210-22
Platform Anchor L=616mm	1.1	94600216
Platform Anchor L=697mm	1.2	94600210-27



S.B.A. Protection Screen



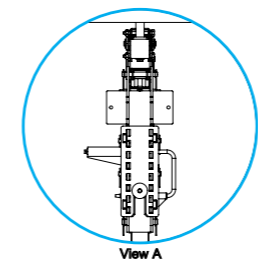
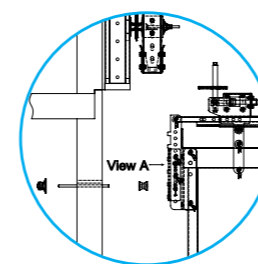


CR 250 Platform

Product Benefits & Specifications

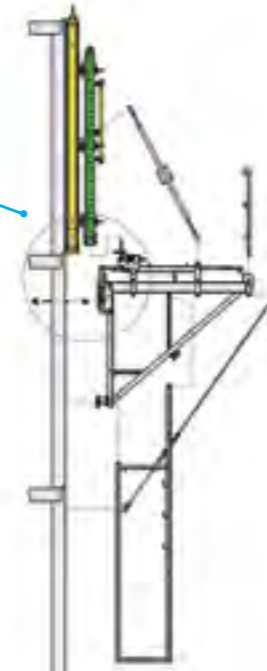
The solution for working safely at heights

- Lift the form together with the platform in one move
- Save time and crane capacity
- Lift up to 8 m formwork segments in one go



■ Closed Position

■ Opened Position



- The form can be retracted back on the platform up to 70 cm
- Permits workers to oil the formwork and fix the reinforced bars from the inside
- Allows fast, safe work; protects workers

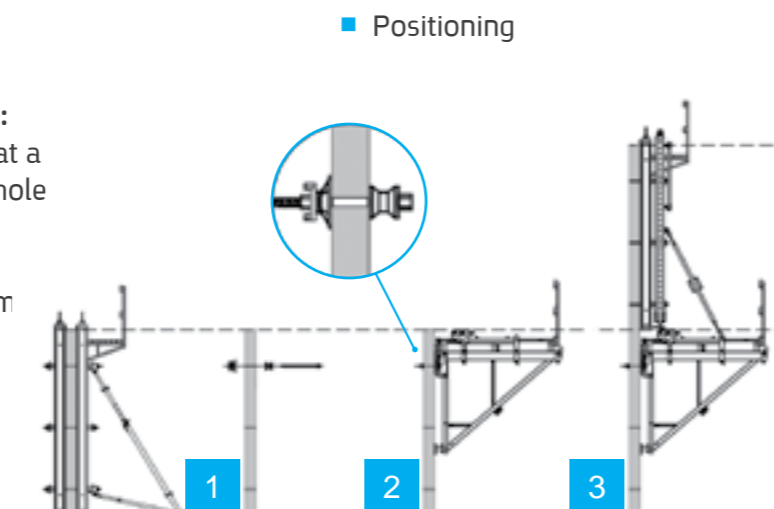


CR 250 Platform

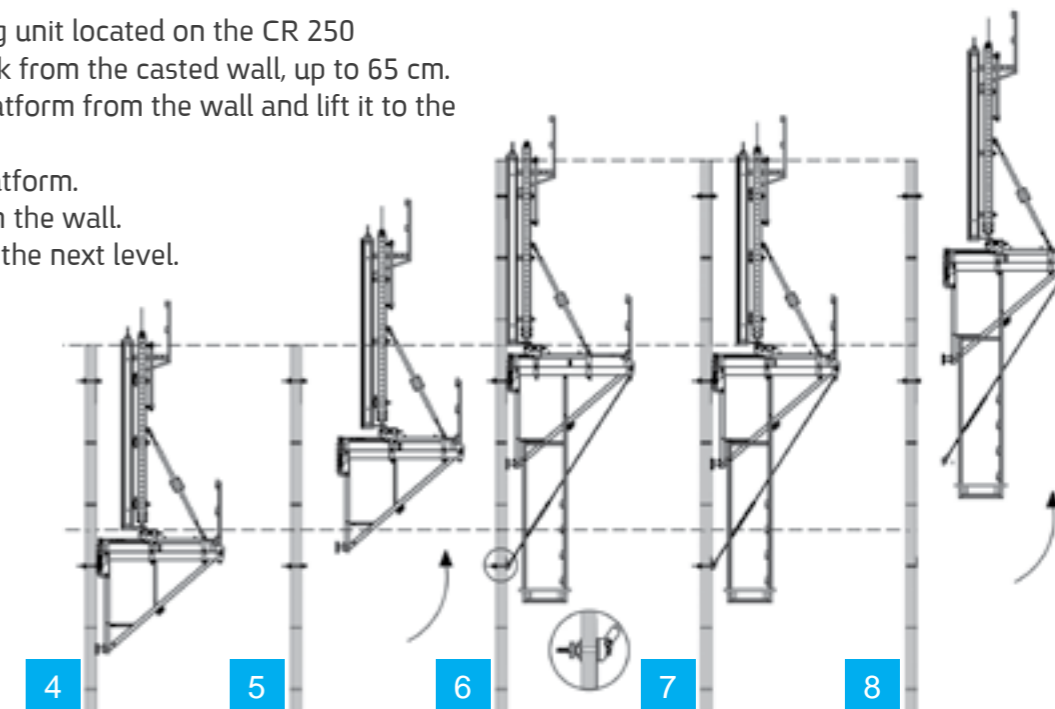
Product Benefits & Specifications

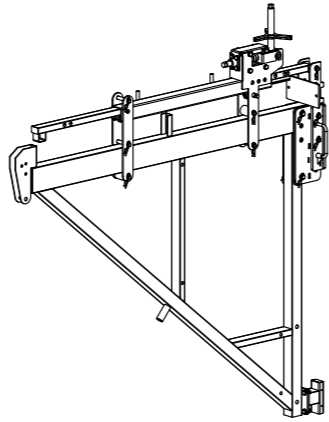
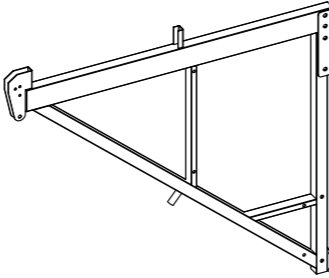
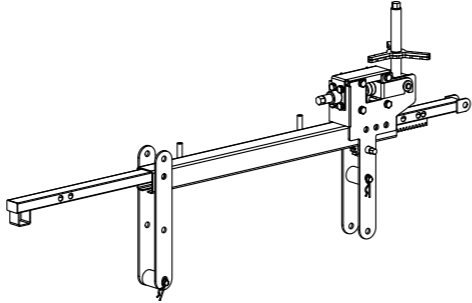
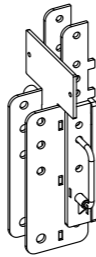
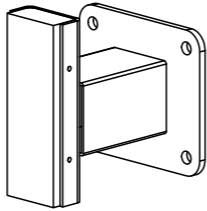
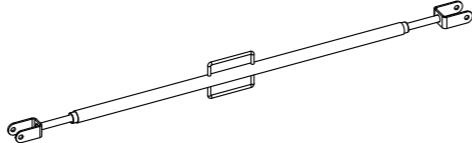
Positioning and operating the CR 250 Platform:


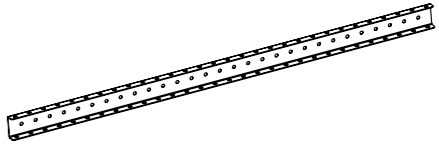
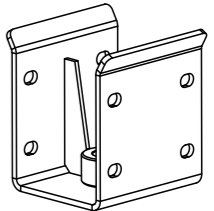
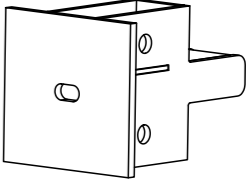
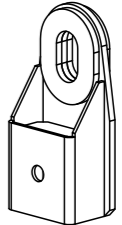
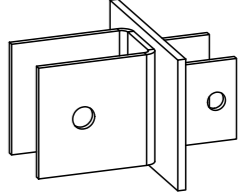
1. Affix the hanging element to the wall (either at a preselected location or to an existing tie rod hole in the concrete wall).
2. Hang the CR 250 Platform on the first floor.
3. Connect the formwork to the CR 250 Platform and cast the second floor.



4. Retrace (using the traveling unit located on the CR 250 bracket) the formwork back from the casted wall, up to 65 cm.
5. Disconnect The CR 250 Platform from the wall and lift it to the next level - all in one go.
6. Connect the suspended platform.
7. Retrace the formwork from the wall.
8. Lift the CR250 Platform to the next level.

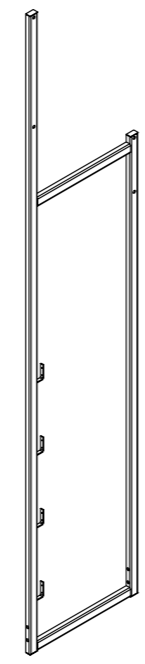


Description & Dimensions	Weight (kg)	Cat. No.	
CR250 Complete Bracket	182.0	96600084	
CR250 Main Bracket	74.0	96600085	
CR250 Traveling Unit	60.0	96600086	
CR250 Hanging Unit	42.0	96600088	
Wall Protector	4.0	96600087	
CR250 Spindle Strut	14.0	96600092	

Description & Dimensions	Weight (kg)	Cat. No.	
Platform End Rail	2.4	96500440	
Multipurpose Steel Beam L=3980 mm	37.0	96004152	
Multipurpose Steel Beam L=2980 mm	28.0	96004101	
Vertical Waling Connector Bracket	8.0	74000106	
Waling Connector	7.0	74000107	
Vertical Waling Lifting Connector	6.0	96004110	
Spindle Strut Waling Adapter	4.0	74000109	

Description & Dimensions	Weight (kg)	Cat. No.
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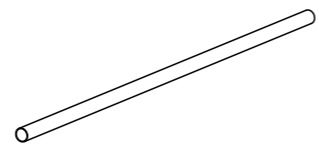
Suspension Platform	34.0	96500225
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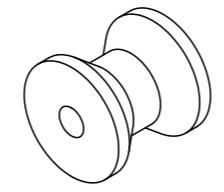
Wind Force Steel Wire	14.0	96600089
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Scaffold Tube 1¼" L=100cm	2.5	5541000
Scaffold Tube 1¼" L=150cm	3.8	5541500
Scaffold Tube 1¼" L=200cm	5.0	5542000
Scaffold Tube 1¼" L=250cm	6.3	5542500
Scaffold Tube 1¼" L=300cm	7.5	5543000
Scaffold Tube 1¼" L=350cm	8.8	5543500
Scaffold Tube 1¼" L=400cm	10.0	5544000
Scaffold Tube 1¼" L=450cm	11.3	5544500
Scaffold Tube 1¼" L=500cm	12.5	5545000

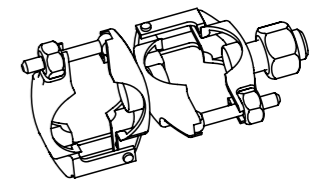


Suspension Ring	1.3	96600083
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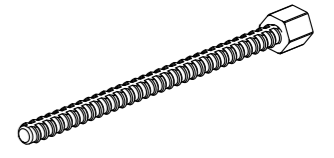


Description & Dimensions	Weight (kg)	Cat. No.
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Double Swivel Coupler	1.3	96500210
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Platform Anchor L=248 mm	0.5	94600210-14
Platform Anchor L=348 mm	0.7	94600210-19
Platform Anchor L=402 mm	0.8	94600210-10
Platform Anchor L=455 mm	0.8	94600215
Platform Anchor L=512 mm	0.9	94600210-21
Platform Anchor L=572 mm	1.0	94600210-22
Platform Anchor L=616 mm	1.1	94600216
Platform Anchor L=697 mm	1.2	94600210-27



■ Opened Position



■ Closed Position



Telescoping Shaft Beam Platform

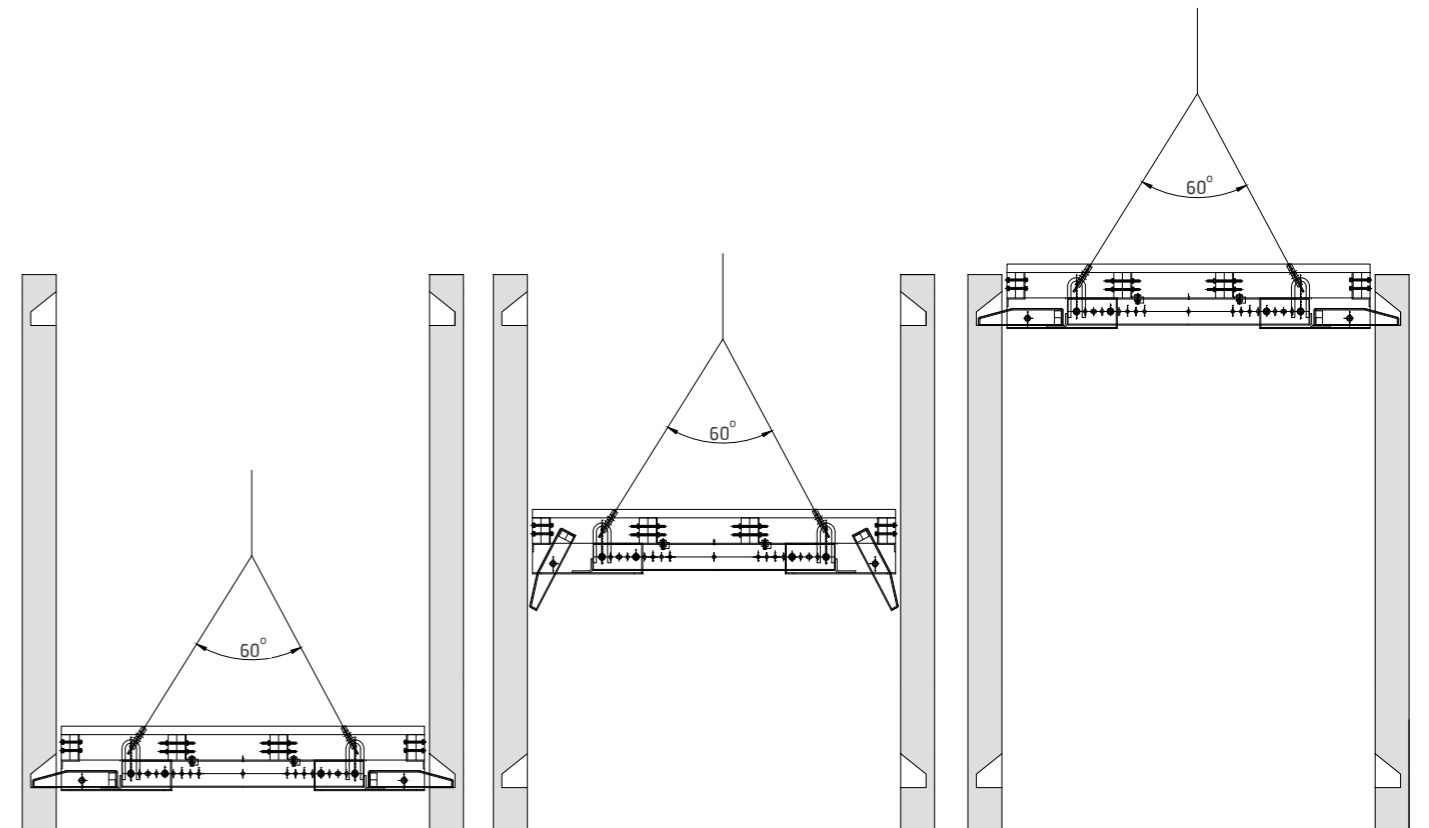
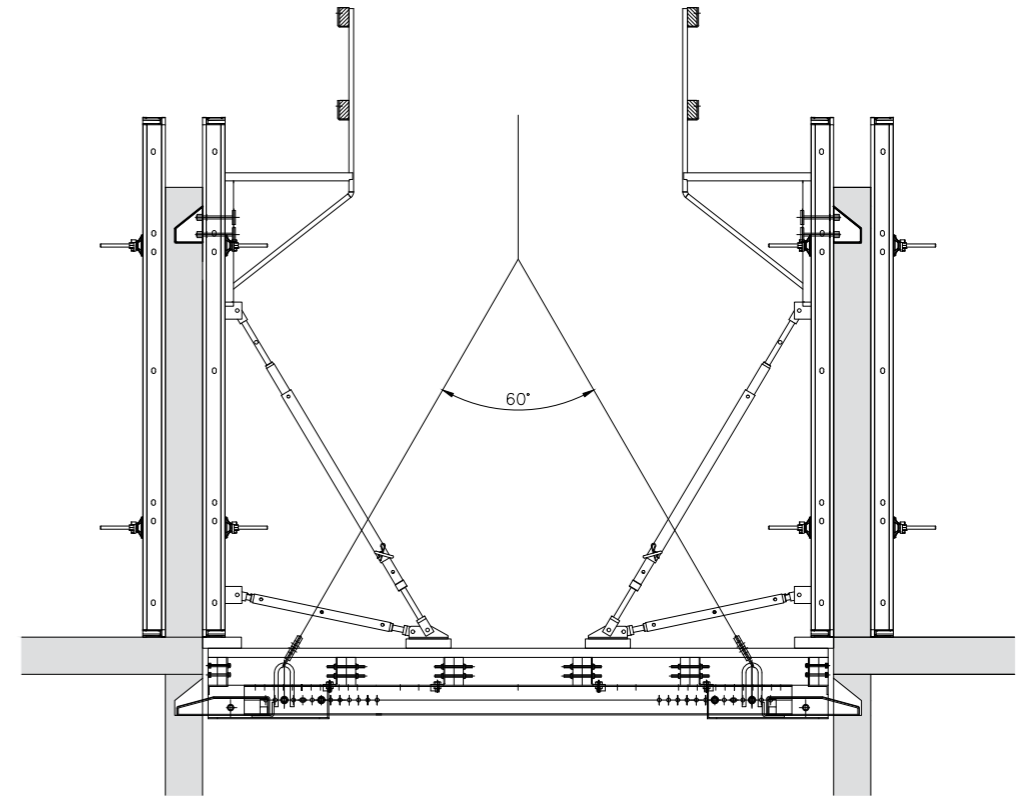
Description

Telescoping shaft platform for use in stairwells and elevator shafts

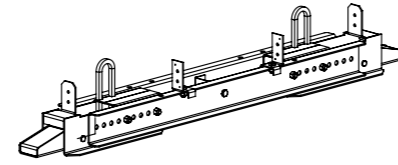
Available in two lengths:

- Standard Telescoping Shaft Beam: up to 380 cm
- Special HD Telescoping Shaft Beam: up to 580 cm

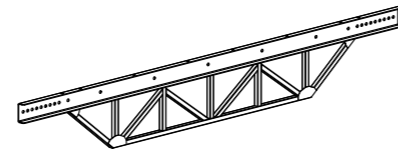
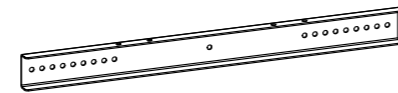
■ Negative Box



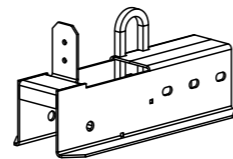
Description & Dimensions	Weight (kg)	Cat. No.
Telescopic Shaft Beam 1.6-2.1m	101.0	96050001
Telescopic Shaft Beam 2.1-2.6m	109.2	96050002
Telescopic Shaft Beam 2.7-3.2m	118.6	96050003
Telescopic Shaft Beam 3.3-3.8m	131.2	96050004
Telescopic Shaft Beam 3.9-4.4m	144.8	96050005
Telescopic Shaft Beam 4.5-5.0m	156.1	96050006
Telescopic Shaft Beam 5.1-5.6m	167.5	96050007



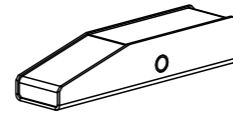
Shaft Beam 1.6-2.1m	15.5	9641010
Shaft Beam 2.1-2.6m	21.2	9641020
Shaft Beam 2.7-3.2m	28.6	9641030
Shaft Beam 3.3-3.8m	36.0	9641040
Shaft Beam 3.9-4.4m	53.6	9641070
Shaft Beam 4.5-5.0m	66.4	9641080
Shaft Beam 5.1-5.6m	79.3	9641090



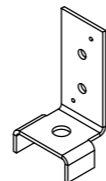
Edge Connector Left	22.0	9642010
Edge Connector Right	22.0	9642010-1



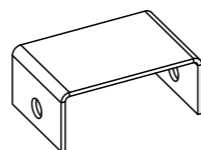
Shaft Beam Edge	11.0	9642011
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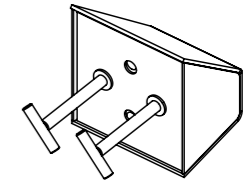
Timber Holder	0.7	96500360
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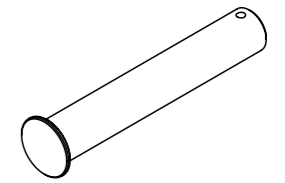
Telescoping Shaft Connector	1.2	9642012
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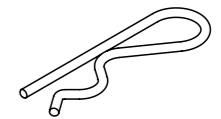
Description & Dimensions	Weight (kg)	Cat. No.
Negative Box	5.0	96000500



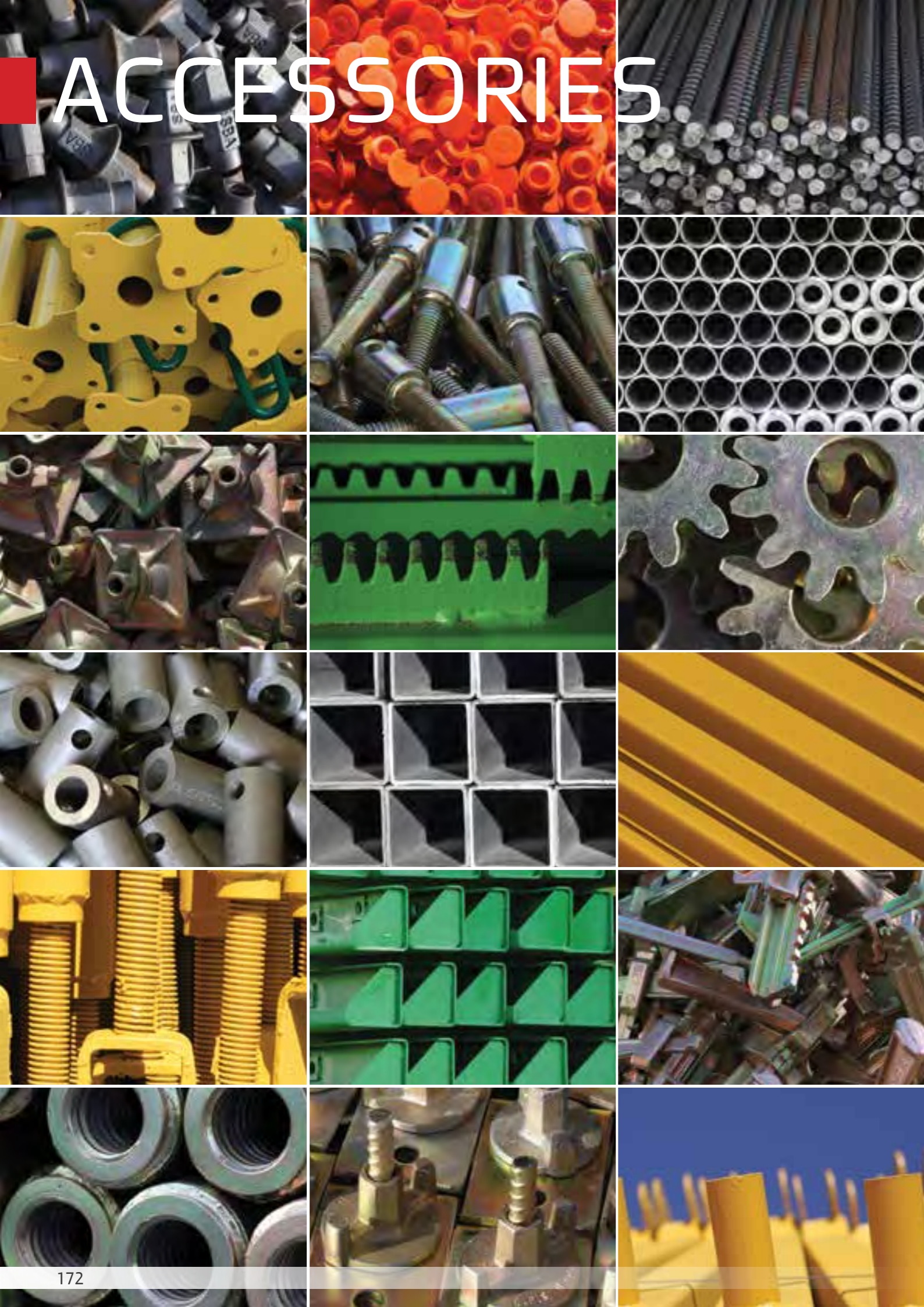
Pin Ø20 mm	0.32	91300140
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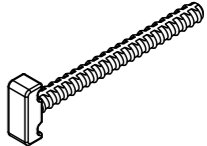
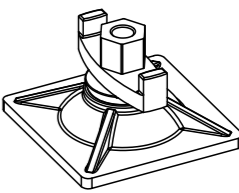
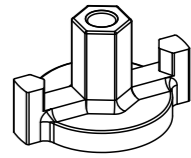
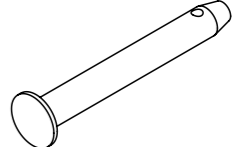
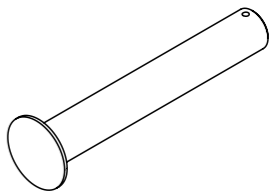
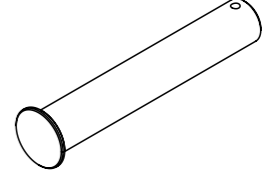
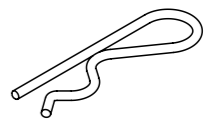
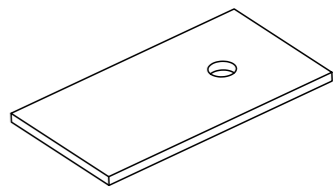


Pin R Galvanized 4x75	0.01	91300010
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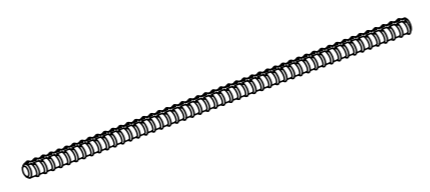
ACCESSORIES



Description & Dimensions	Weight (kg)	Cat. No.	
Fixing Bolt T25	0.5	5900190	
Fixing Bolt T35	0.8	5900191	
Nut 1205	1.1	96200040	
Nut 705	0.4	96100010	
Pin \varnothing 14 mm	0.15	91300050	
Pin \varnothing 1"	1.0	91300130-1	
Pin \varnothing 20 mm	0.32	91300140	
Pin R Galvanized 4x75	0.01	91300010	
Pressure Plate 8x120x220	1.7	5900210	

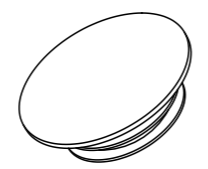
Description & Dimensions	Weight (kg)	Cat. No.
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Tie Rod 15 mm L=0.50 m	1.0	96200180-1
Tie Rod 15 mm L=0.75 m	1.5	96200180-2
Tie Rod 15 mm L=1.00 m	2.0	96200180-3
Tie Rod 15 mm L=1.25 m	2.5	96200180-16
Tie Rod 15 mm L=1.50 m	3.0	96200180-5

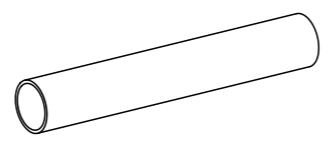


* Other dimensions available up to 5.8 m

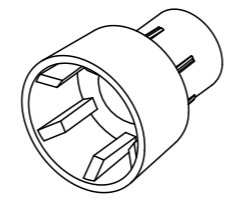
Formwork Plug 22		90100100
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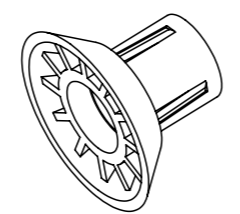
Plastic Tube 1" L=2.00 m	0.2	96200080
Plastic Tube 1.25" L=200 m	0.5	96200083



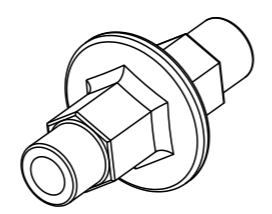
Plastic Sleeve		90100085
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Plastic Cone 1"		90100090
Plastic Cone 1.25"		90100095

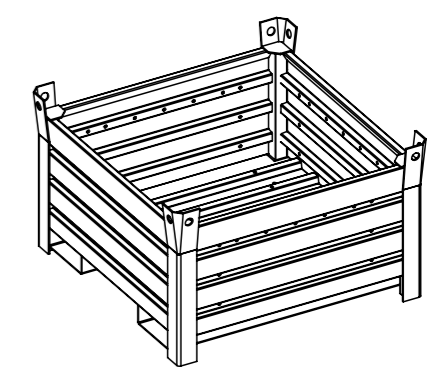


Water Barrier	0.4	96000070
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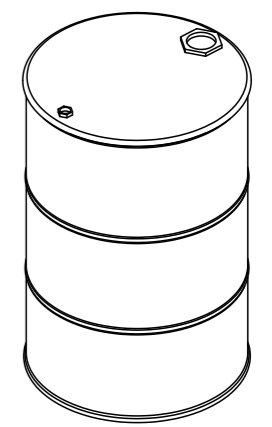


Description & Dimensions	Weight (kg)	Cat. No.
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Accessories Case	130.0	96001000
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Oil Drum	200.0	99100300
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