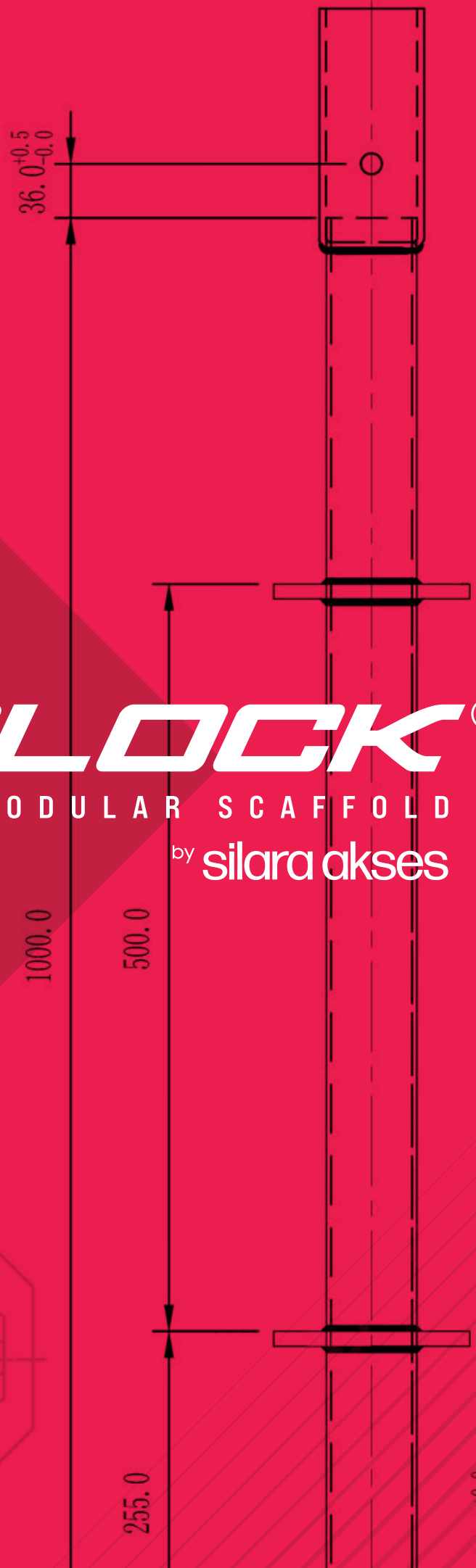




OCTALOCK®

ADVANCED MODULAR SCAFFOLD

by silara akses



Introduction



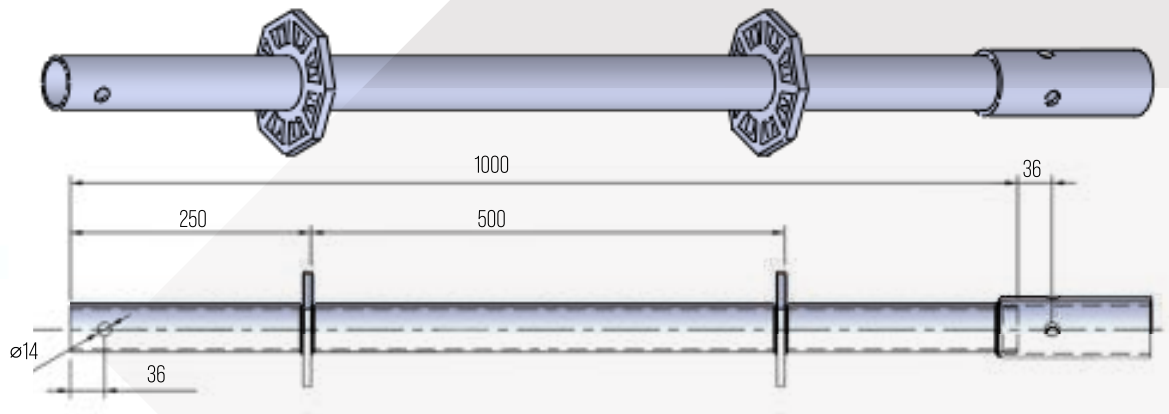
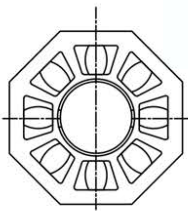
OCTALOCK®, or octalock modular scaffold, represents an advanced and specialised system that leverages an octagonal (eight-sided) locking mechanism to seamlessly connect its components. Distinguished for its remarkable adaptability, this scaffolding establishes a robust and secure framework for construction and maintenance tasks at various heights, surpassing the capabilities of conventional modular scaffolding.

The **OCTALOCK®** modular system offers two options: **OCTA48®**, a standard choice, and **OCTA60®**, designed for heavy-duty applications. Anchored by Q355 steel, renowned for its outstanding processing performance and compressive strength. This enhancement ensures the **OCTALOCK®** system is well-equipped to handle demanding requirements.



Specification

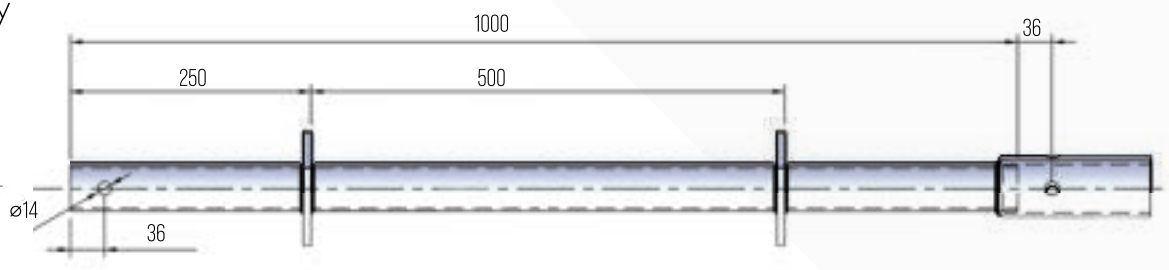
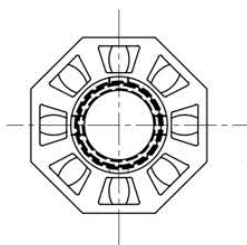
OCTA48® | Standard



Item No.	Section Size	Length	Weight Approx.
OCTA48-100	48.3 X 3.2mm	L : 1000mm	5.54kg
OCTA48-150	48.3 X 3.2mm	L : 1500mm	8.01kg
OCTA48-200	48.3 X 3.2mm	L : 2000mm	10.48kg
OCTA48-250	48.3 X 3.2mm	L : 2500mm	12.95kg

*If you require custom sizes, feel free to get in touch with our agent for personalized assistance.

OCTA60® | Heavy Duty



Item No.	Section Size	Length	Weight Approx.
OCTA60-100	60.3 X 3.2mm	L : 1000mm	6.91kg
OCTA60-150	60.3 X 3.2mm	L : 1500mm	9.99kg
OCTA60-200	60.3 X 3.2mm	L : 2000mm	13.18kg
OCTA60-250	60.3 X 3.2mm	L : 2500mm	16.29kg

*If you require custom sizes, feel free to get in touch with our agent for personalized assistance.

Components

OCTA Horizontal Ledger



Item No.	Section Size	Length	Weight Approx.
OC-HL-90	48.3 X 2.5mm	L : 900mm	3.1kg
OC-HL-100	48.3 X 2.5mm	L : 1000mm	3.85kg
OC-HL-120	48.3 X 2.5mm	L : 1200mm	4.08kg
OC-HL-130	48.3 X 2.5mm	L : 1300mm	4.32kg
OC-HL-150	48.3 X 2.5mm	L : 1500mm	5.03kg
OC-HL-180	48.3 X 2.5mm	L : 1800mm	5.94kg
OC-HL-200	48.3 X 2.5mm	L : 2000mm	6.54kg
OC-HL-250	48.3 X 2.5mm	L : 2500mm	8.18kg

OCTA Diagonal Brace H1.5



Item No.	Section Size	Dimension (W*H)	Weight Approx.
OC-DB-H1.5-90	33.7 X 2.3mm	900mm x 1500mm	4.37kg
OC-DB-H1.5-100	33.7 X 2.3mm	1000mm x 1500mm	6.95kg
OC-DB-H1.5-120	33.7 X 2.3mm	1200mm x 1500mm	4.65kg
OC-DB-H1.5-150	33.7 X 2.3mm	1500mm x 1500mm	7.70kg
OC-DB-H1.5-180	33.7 X 2.3mm	1800mm x 1500mm	5.42kg
OC-DB-H1.5-200	33.7 X 2.3mm	2000mm x 1500mm	8.45kg
OC-DB-H1.5-250	33.7 X 2.3mm	2500mm x 1500mm	9.25kg

OCTA Diagonal Brace H2



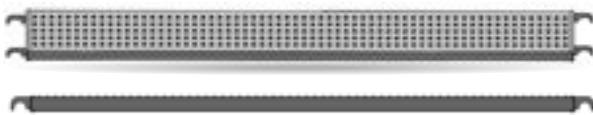
Item No.	Section Size	Dimension (w*h)	Weight Approx.
OC-DB-H2-100	33.7 X 2.3mm	1000mm x 2000mm	3.85kg
OC-DB-H2-130	33.7 X 2.3mm	1300mm x 2000mm	4.32kg
OC-DB-H2-150	33.7 X 2.3mm	1500mm x 2000mm	5.03kg
OC-DB-H2-200	33.7 X 2.3mm	2000mm x 2000mm	6.54kg
OC-DB-H2-250	33.7 X 2.3mm	2500mm x 2000mm	8.18kg

OCTA Toe Board



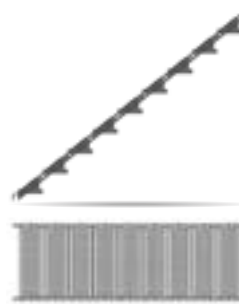
Item No.	Section Size (H * T)	Length
OC-TB-100	150 X 1.8mm	L : 1000mm
OC-TB-130	150 X 1.8mm	L : 1300mm
OC-TB-150	150 X 1.8mm	L : 1500mm
OC-TB-200	150 X 1.8mm	L : 2000mm
OC-TB-250	150 X 1.8mm	L : 2500mm

OCTA Steel Plank



Item No.	Section Size (W*THK)	Length	Weight Approx.
OC-SP-100	9" X 1.8mm	L : 1000mm	7.55kg
OC-SP-150	9" X 1.8mm	L : 1500mm	9.80kg
OC-SP-200	9" X 1.8mm	L : 2000mm	13.93kg
OC-SP-250	9" X 1.8mm	L : 2500mm	17.03kg

OCTA Steel Stair



OCTA Steel Stair offer cost savings while maintaining durability. However, they may not be as lightweight as aluminium stairs.

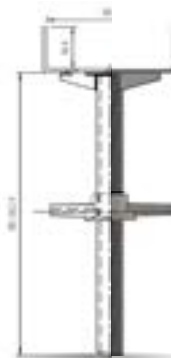
2.5m(L) x 2.0m(H) x 0.8m(W)

OCTA Jack Base



A **OCTA base jack** is an adjustable support located at the foundation of the scaffolding. It plays a crucial role in offering support and ensuring a consistent level across all areas during the system's assembly.

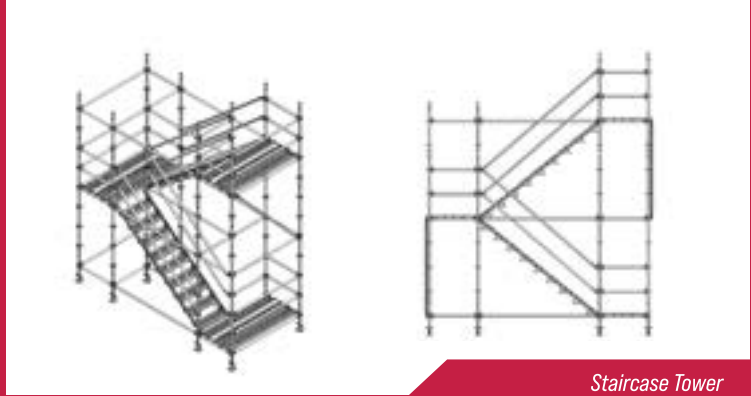
OCTA Jack U-Head



A **OCTA Jack U-Head** is a scaffolding component utilised to uphold the scaffolding structure. Crafted from high-grade alloy steel, it's available in various sizes to suit different requirements.

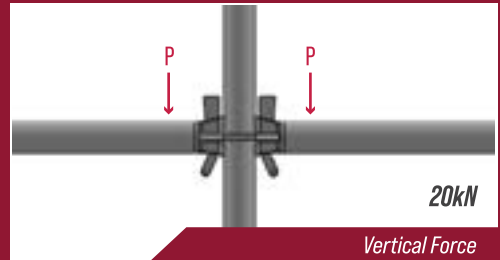
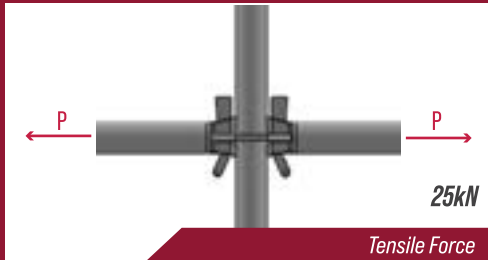


Falsework



Staircase Tower

Permissible Joint Capacity



Permissible Leg Loads

Jack Extension (Condition)	Model / Lift Height				
	OCTA48		OCTA60		
400mm (Unbraced)	1.5M	2.0M	1.5M	2.0M	2.5M
250mm (Unbraced)	30 kN	20.0 kN	46.6 kN	42.0 kN	35.7 kN
400mm (Braced)	45.2 kN	27.3 kN	67.6 kN	48.2 kN	39.0 kN
	56.4 kN	42.1 kN	84.9 kN	58.5 kN	63.3 kN

NOTES : All loads are factored with Safety Factor = 1.65
 Jack Bracing can be applied using tubes and fittings.
 The rules for bracing must be observed.
 The scheme drawing must be checked by a competent designer or engineer.

Comparative Analysis

Explore the unique benefits between the new innovative Octagonal scaffolding and the traditional Ringlock Scaffolding. For a deeper understanding, just scan the provided QR code.



Octalock Scaffolding



Ringlock Scaffolding



Scan Here

FAQ

What is OCTALOCK®?

The OCTALOCK® Modular System, also known as OCTALOCK® Scaffolding, is an advanced specialised scaffolding system that utilises an eight-sided locking mechanism to enhance stability and adaptability.

How does OCTALOCK® work?

OCTALOCK® employs its unique locking mechanism to securely connect its components, forming a stable structure for construction and maintenance tasks.

What are the advantages of OCTALOCK®?

The OCTALOCK® Modular System offers increased stability, efficient load distribution, and adaptability to various heights and configurations.

Is the OCTALOCK® Modular System safe?

Yes, the OCTALOCK® Modular System is designed with safety in mind, featuring secure connections and stable structures when correctly assembled.

What types of projects is the OCTALOCK® Modular System suitable for?

OCTALOCK® Modular System scaffolding is suitable for a wide range of projects, including construction, maintenance, and tasks requiring versatile and secure elevated platforms.

Can the OCTALOCK® modular system be used for falsework applications?

Certainly, the system complies with BS EN 12812 and CIS23 for falsework application. It can be assembled as a loading platform, formwork table and heavy dutyshoring tower.

What types of scaffolding applications is the OCTALOCK® modular system suitable for?

The OCTALOCK® modular system is suitable for scaffolding applications as it is in compliance with BS EN 12811, MS 1462 and CIS 22. For scaffolding, it can be assembled into facade scaffolding, staircase tower, birdcage platform, and many more.

What materials are used in OCTALOCK® Scaffolding?

OCTALOCK® Scaffolding components are often crafted from high-quality Q355 steel with HDG (hot-dip galvanising) finishing, ensuring remarkable durability and strength.

Is OCTALOCK® Scaffolding compatible with other scaffolding systems?

While OCTALOCK® Scaffolding may share dimensional compatibility with certain systems, consulting experts is advisable to ensure safe usage.

Where can I get OCTALOCK® Scaffolding and related accessories?

For more information, you can visit www.silaraaks.com or contact +60358712945.

Projects





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