

60+
SINCE 1961

ixi truss
INNOVATIVE ALUMINIUM TRUSS



ENGLISH

COMPATIBLE WITH:



RINGLOCK



TUBE COUPLER

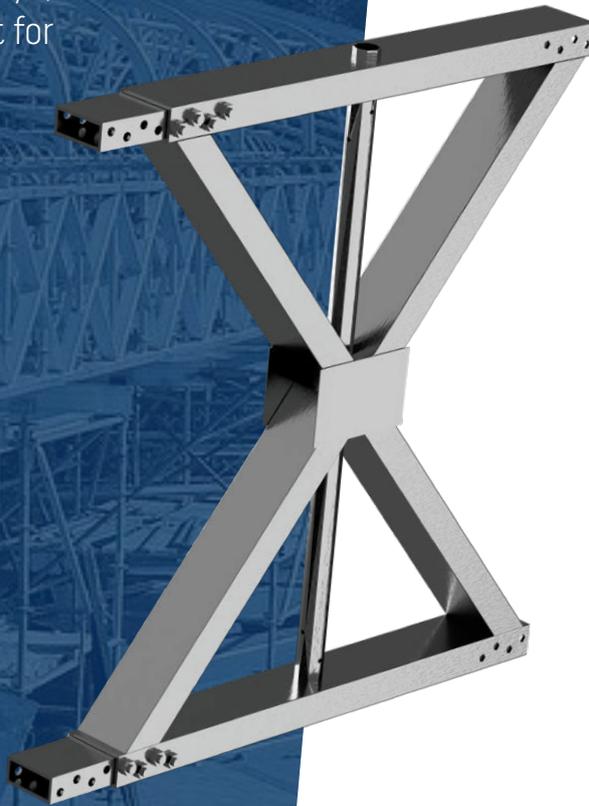
PILOSIO
SCAFFOLDING & SUSPENDED SYSTEMS

 Made in Italy

IXI truss

FEATURES

Available in modular sections of 1m, 2m, and 3m, IXI truss offers improved adaptability for a variety of challenging scenarios, including bridges, large spans, roofs, walkways, access scaffolding, support for elevated platforms, hoisting materials, cantilevered decks, and many other applications yet to be imagined.



LIGHTWEIGHT PRODUCT

Weighing just 18.5 kg/m (12.4 lbs/ft), the IXI truss can be easily handled by your team. For a 12m span, the IXI truss is comparable to a W18x65 steel beam, being 81% lighter than the steel beam in comparison – 5 times approximately. Vertical tubes placed every 1m allow IXI truss to adapt to new setups, parts and accessories, and scaffolding standards, as well as decks on the top or bottom chord.

Maximized strength and reduced weight design.

BENEFITS



REDUCED INSTALLATION COSTS

As IXI truss is 5 times lighter than a W18x65, it reduces costs such as labor, material storage in low-capacity areas, crane expenses, permits, and eliminates installation costs compared to other systems. Made of aluminum, the IXI truss does not rust and is suitable for various environmental conditions, from cold to hot climates.



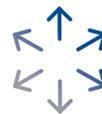
INCREASED COMPETITIVENESS AND SPEED

Contractors have found that the IXI truss can perform tasks that would be more expensive with other systems, providing more efficient and cost-effective solutions.



REDUCED LOGISTICS COSTS

The IXI truss can lower logistics costs, whether on a flat deck or in a sea container. It can be stacked and easily stored in your yard or the chosen transportation method. You can fit over 300 m (975ft) of product into a 53' flat deck. This means you won't need city permits or heavy-duty equipment.



VERSATILITY

For building scaffolding over obstacles requiring wide span clearance, the components can be easily handled by one person, with no special tools or skills required for assembly. It can be built on the ground or in the air and then hoisted into position, saving both time and money.

DESIGNED FOR HIGH LOAD CAPACITIES



WALK



LOAD



SUPPORT



HANG

ITEMS

WEIGHT	kg	lb
	18.7	41.1



IXI TRUSS - 1m

CODE	ITEM
470101	IXI truss H=120 cm/3,93 ft L=100 cm/3,28 ft aluminum

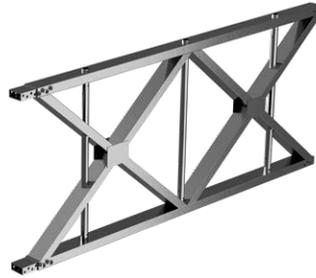
WEIGHT	kg	lb
	37.4	82.5



IXI TRUSS - 2m

CODE	ITEM
470102	IXI truss H=120 cm/3,93 ft L=200 cm/6,56 ft aluminum

WEIGHT	kg	lb
	50.1	110.4



IXI TRUSS - 3m

CODE	ITEM
470103	IXI truss H=120 cm/3,93 ft L=300 cm/9,84 ft aluminum

WEIGHT	kg	lb
	9.3	20.5



TRUSS CONNECTION

CODE	ITEM
K470104	KIT IXI truss connector galvanized

WEIGHT	kg	lb
	5.6	12.3



TRUSS CONNECTION

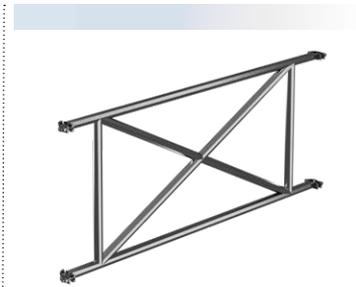
CODE	ITEM
K470110	KIT IXI truss connector aluminum

WEIGHT	kg	lb
	16.6	36.5



IXI-MP CONNECTION FRAME

CODE	ITEM
470107	Head connection frame IXI tMP H=120 cm/3,93 ft L=50 cm/ 1,64 ft aluminum



BRACE FRAME

CODE	ITEM	WEIGHT (kg/lb)	
470119	IXI truss brace frame aluminium L=100 cm/3.28 ft	6,1	13.4
470111	IXI truss brace frame aluminium L=115 cm/3.77 ft	6.6	14.5
470112	IXI truss brace frame aluminium L=150 cm /4.92 ft	8.7	19.1
470113	IXI truss brace frame aluminium L=180 cm/5.91 ft	10.2	22.4
470114	IXI truss brace frame aluminium L=200 cm/6.56 ft	11.4	25.1
470106	IXI truss brace frame aluminium L=213 cm 6.99 ft	12.0	26.4
470115	IXI truss brace frame aluminium L=250 cm/8.20 ft	14.2	31.3

WEIGHT	kg	lb
	1.9	4.2



SPIGOT CLAMP

CODE	ITEM
470105	IXI truss spigot clamp galvanized

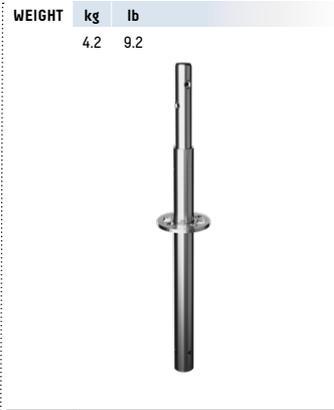
IXI truss



WEIGHT kg lb
3.3 7.3

UPPER 20 IXI SPIGOT
(FOR MP GALVANISED UPRIGHT)

CODE	ITEM
470108	Upper spigot L=20 cm/0.75 ft IXI for MP upright galvanized



WEIGHT kg lb
4.2 9.2

LOWER 60 IXI SPIGOT
(FOR MP GALVANISED UPRIGHT)

CODE	ITEM
470109	Lower spigot L=60 cm/1.96 ft IXI for MP upright galvanized



BAY BRACE

CODE	ITEM	WEIGHT (kg/lb)	CODE	ITEM	WEIGHT (kg/lb)
K900016	KIT Bay brace L=100 cm / 3,28 ft in aluminum	3.8 8.4	K900019	KIT Bay brace L=180 cm / 5,91 ft in aluminum	5.0 11.0
K900017	KIT Bay brace L=115 cm / 3,77 ft in aluminum	4.0 8.8	K900020	KIT Bay brace L=200 cm / 6,56 ft in aluminum	5.3 11.7
K900018	KIT Bay brace L=150 cm / 4,92 ft in aluminum	4.6 10.1	K900433	KIT Bay brace L=213 cm / 6,99 ft in aluminum	5.5 12.1
			K900021	KIT Bay brace L=250 cm 8,20 ft in aluminum	6.1 13.4

SPARE



WEIGHT kg lb
4.7 10.4

SPIGOT

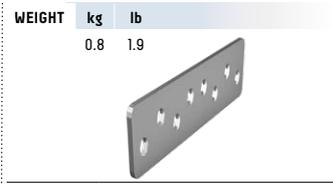
CODE	ITEM
2047PIBQ	Spigot L=390 mm/1.27 ft for IXI truss connection galvanized



WEIGHT kg lb
2.1 4.7

SPIGOT

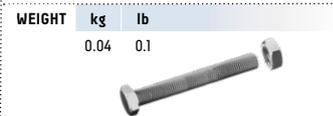
CODE	ITEM
2047PIBR	Spigot L=390 mm/1.27 ft for IXI truss connection aluminum



WEIGHT kg lb
0.8 1.9

PLATE

CODE	ITEM
2047PLM6	Plate 390x50 mm/ 1.27x0.16 ft for IXI truss connection galvanized



WEIGHT kg lb
0.04 0.1

SCREW

CODE	ITEM
15V16160PZ	HH screw M16x160 CL.8.8 ISO 4014 galvanized



WEIGHT kg lb
1.2 2.6

BAY BRACE SPIGOT

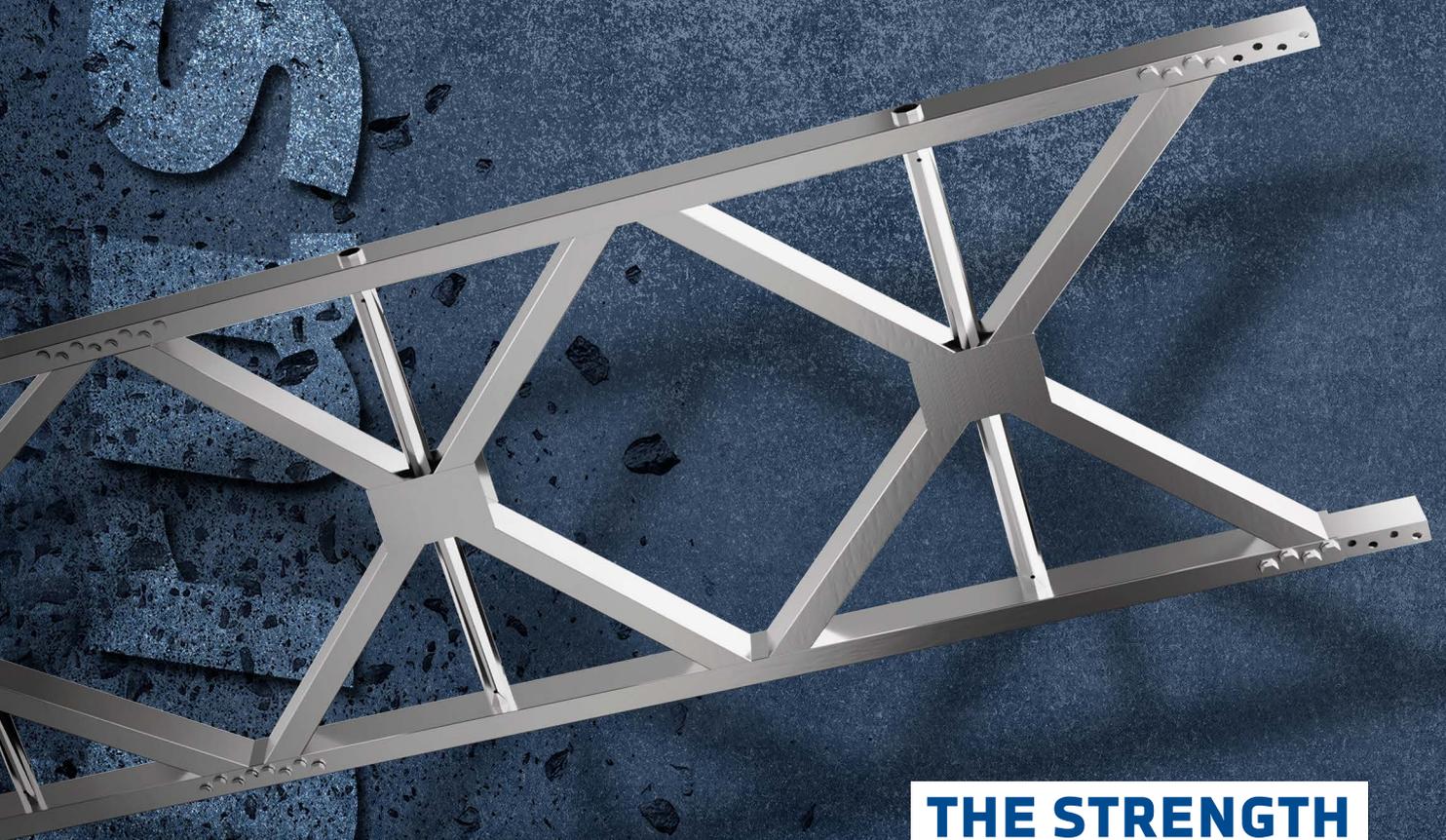
CODE	ITEM
900027	Bay brace spigot with coupler Ø13 mm/0.04 ft hole galvanized



WEIGHT kg lb
0.04 0.1

SPIRALING PIN Ø12

CODE	ITEM
404026	Spring pin Ø12 mm/0.03 ft laser marked galvanized

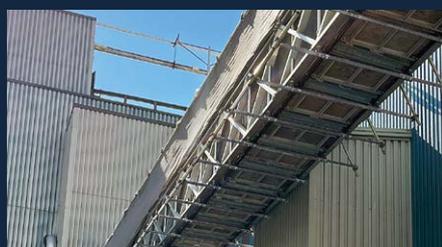
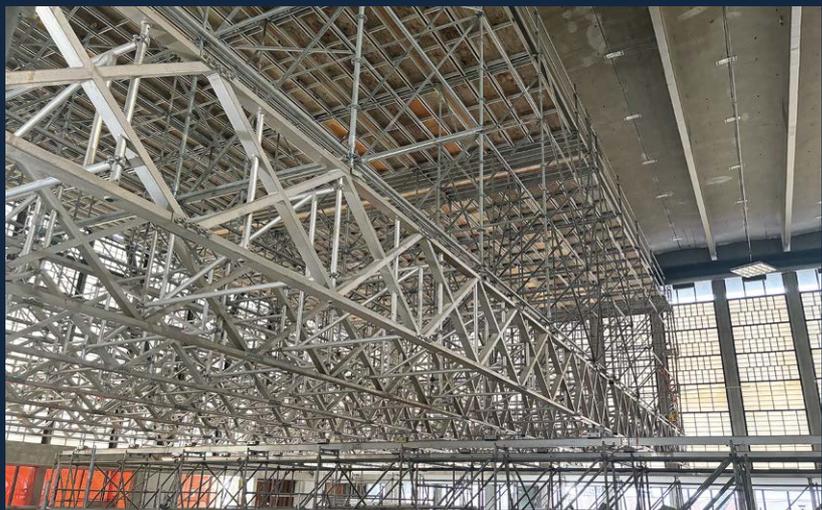


THE STRENGTH

that sustains the future.

The partnership between Pilosio and OAS has led to the creation of IXI truss. It is a groundbreaking product that combines strength and lightweight design with **high-performance** trusses.

These modular trusses can be connected in various ways to suit different project requirements. IXI truss enables innovative solutions and has proven to be highly effective in many of our complex projects.



PILOSIO
SCAFFOLDING & SUSPENDED SYSTEMS

Pilosio Srl - Via E. Fermi, 45 - 33010 Feletto Umberto - Tavagnacco (UD) - Italy
Tel. +39 0432 435311 - www.pilosio.com - info@pilosio.com