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World

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and **installation**
of steel structures.

EN

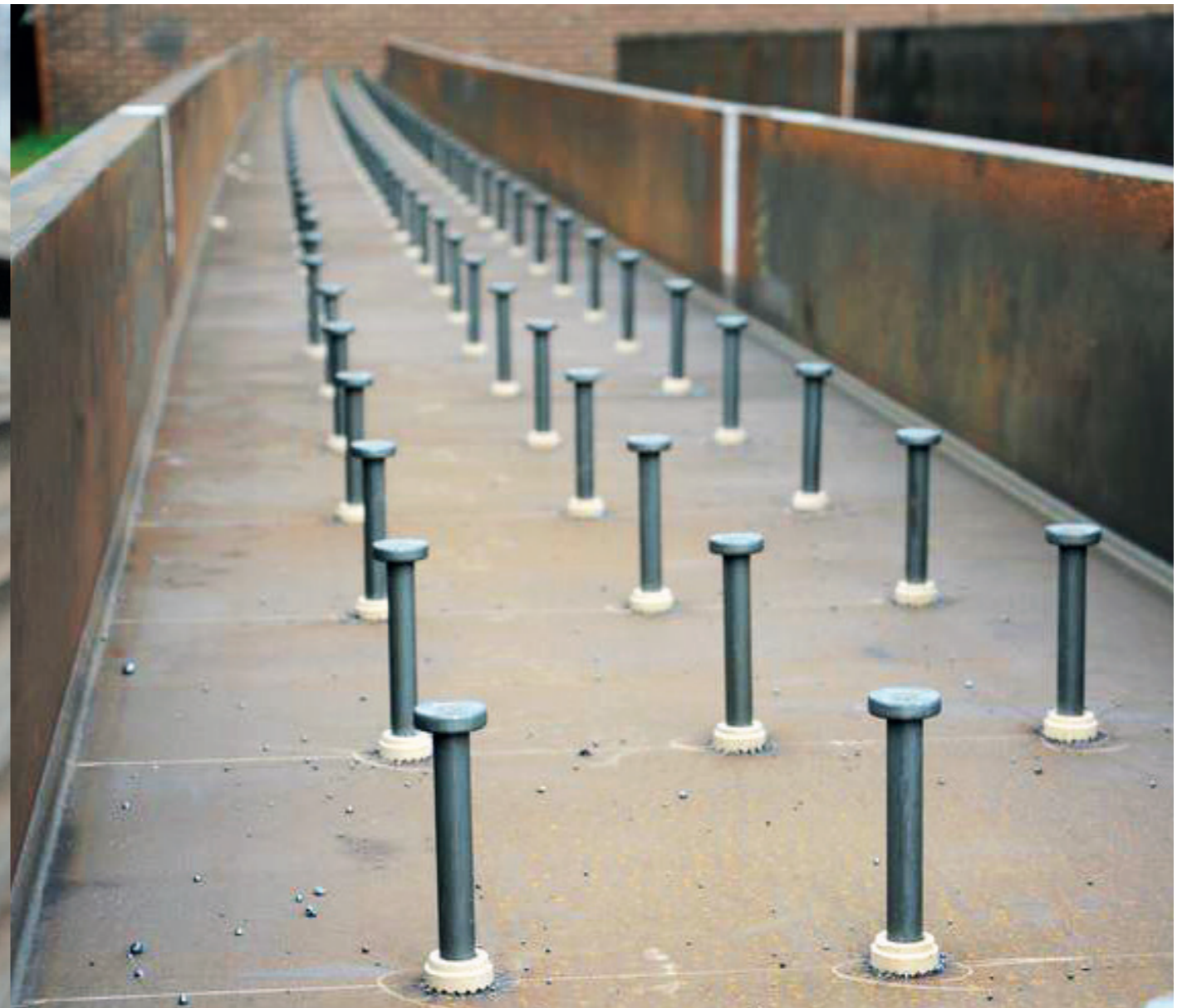
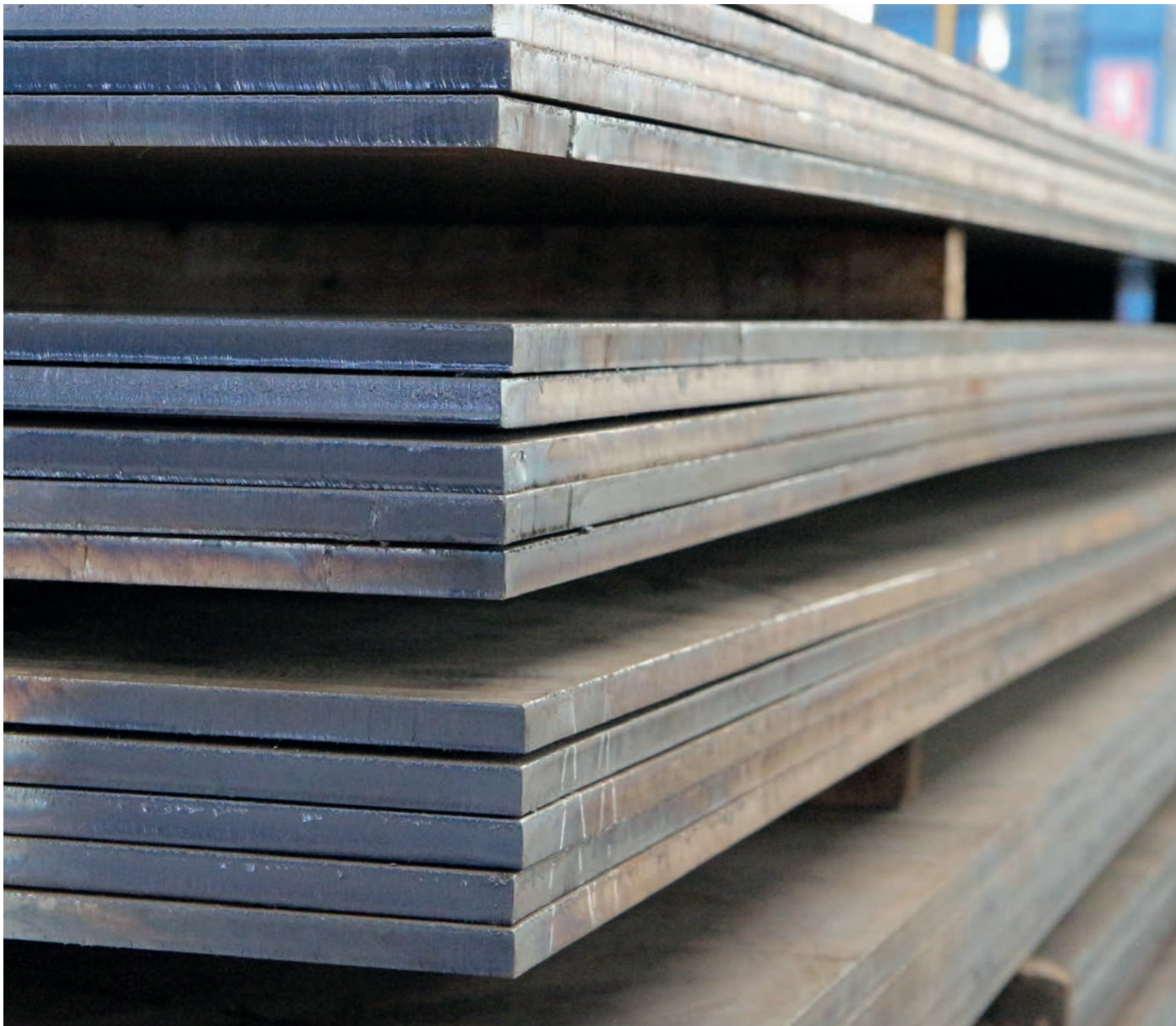
Maeg is an international player in the construction sector. With more than 40 years of experience, Maeg's expertise can adapt to each project characteristics to devise tailor-made and innovative engineering solutions, concretely transforming design into substance.

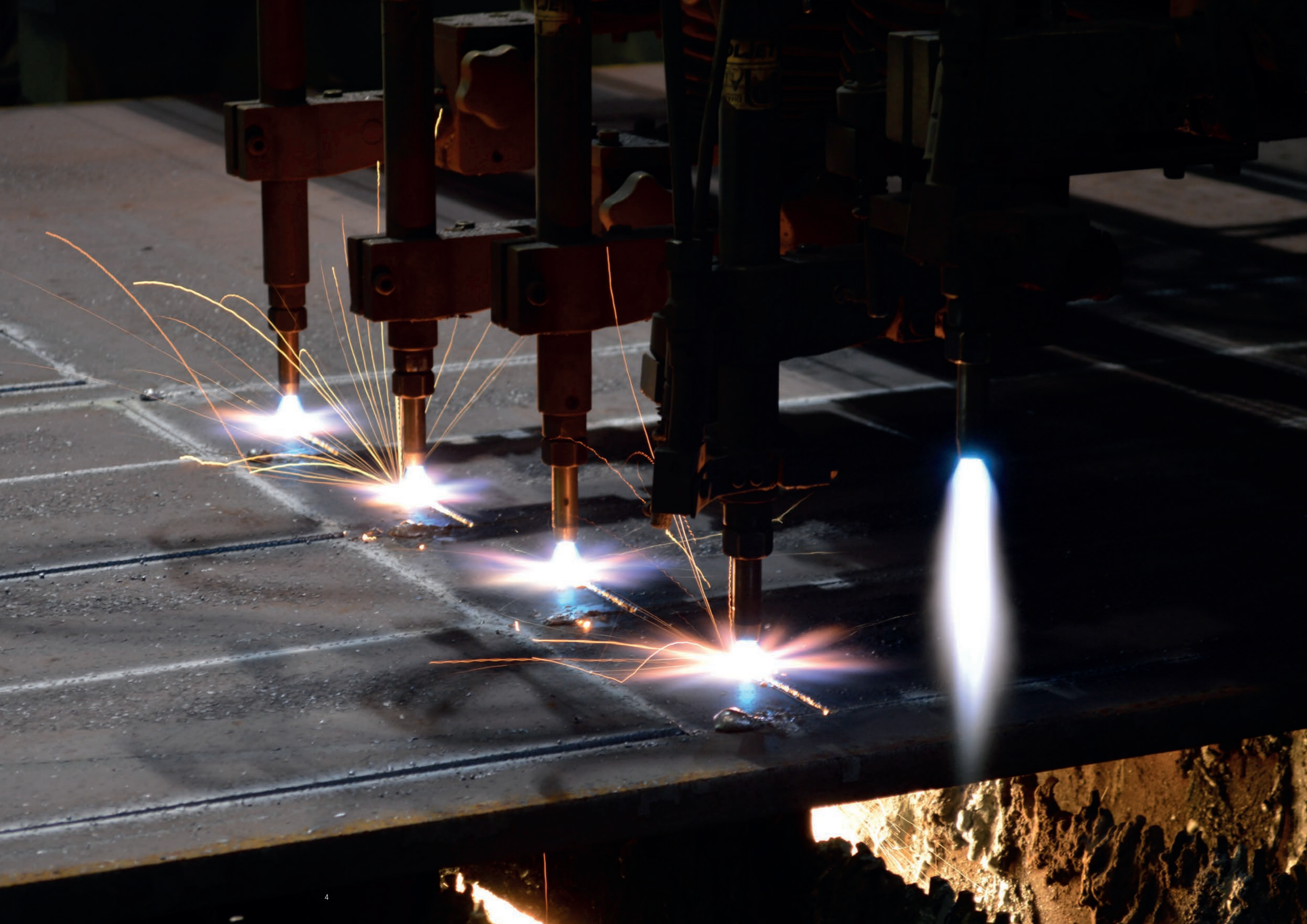
IT

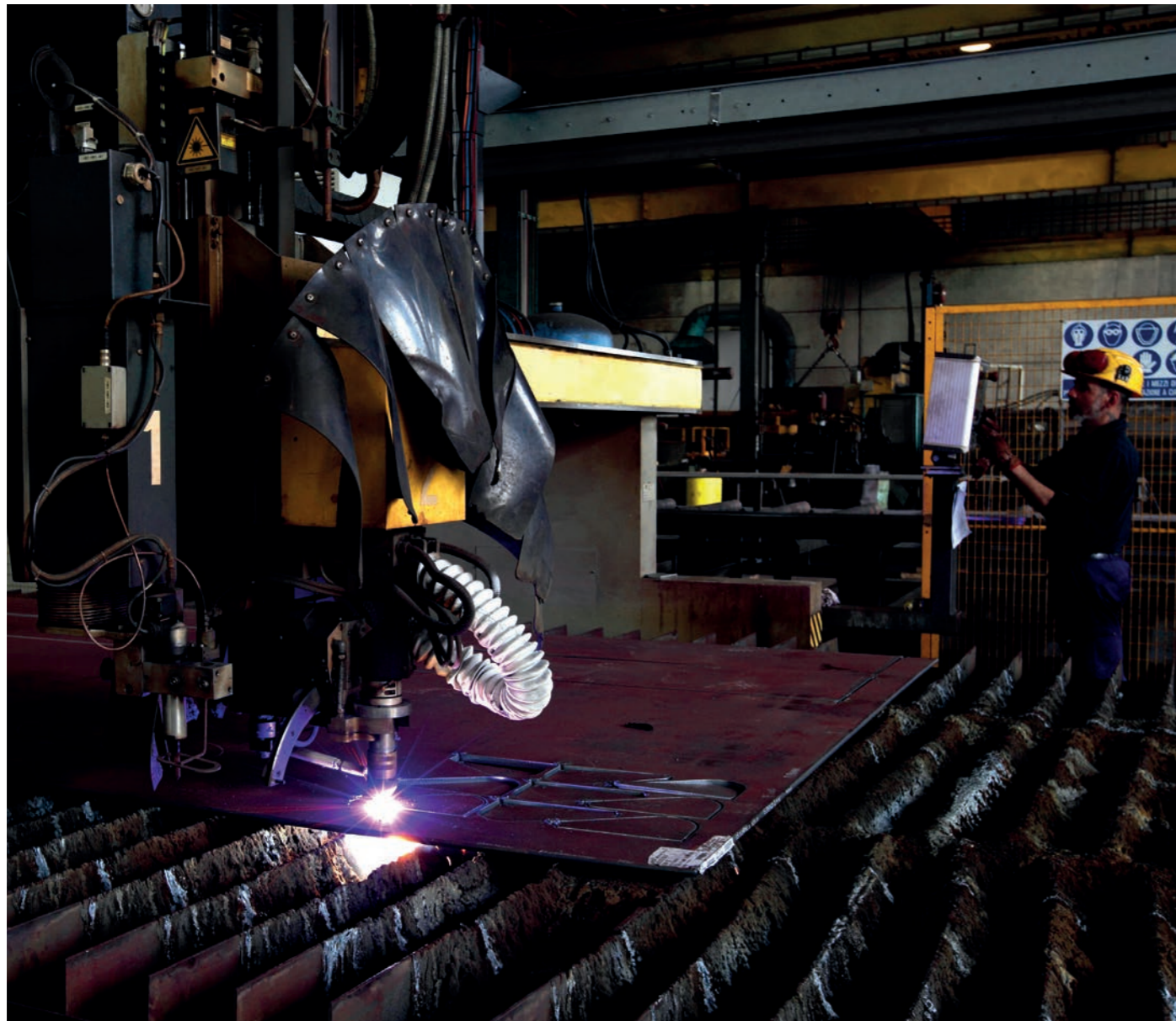
Maeg è un international player nel settore delle costruzioni. Con oltre 40 anni di esperienza, Maeg si adatta alle caratteristiche di ogni progetto, fornendo soluzioni ingegneristiche innovative su misura e trasforma i progetti in realtà.

FR

Maeg est un acteur international dans le secteur de la construction. Avec plus de 40 ans d'expérience, Maeg est capable de s'adapter aux caractéristiques de chaque projet et de fournir des solutions d'ingénierie innovants et transformer les projets en réalité.

















BRIDGES AND VIADUCTS

EN

Mobility is one of the fastest-changing sectors, fundamental for a country's development. There is a wide range of solutions to span an obstacle, such as cable-stayed, arch, suspension, trestle, pedestrian and railway bridges and viaducts.

IT

La mobilità è uno dei settori in più rapida evoluzione, fondamentale per lo sviluppo di un Paese. Esiste un'ampia gamma di soluzioni per superare un ostacolo, come ponti e viadotti strallati, ad arco, sospesi, a cavalletto, pedonali e ferroviari.

FR

La mobilité est l'un des secteurs qui évolue le plus rapidement, fondamental pour le développement d'un pays. Il existe une large gamme de solutions pour franchir un obstacle, telles que les ponts à haubans, en arc, suspendus, à béquille, piétons et ferroviaires et les viaducs.





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BICENTENARIO BRIDGE

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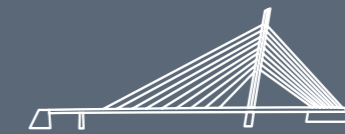
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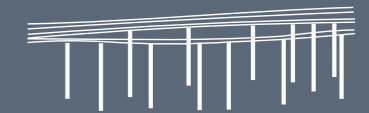
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ARCO DEL BICENTENARIO BRIDGE

Bogotá, Colombia



TECHNICAL INFORMATION

CLIENT

Gobernación de Cundinamarca

CONTRACTOR

Consorcio Infraestructura Cundinamarca Constratista

PERIOD OF EXECUTION

2012

WEIGHT

765 tons

LENGTH

140 meters

IT

L'opera ha una lunghezza di 140 metri ed una larghezza di 11 ed è sorretto da un arco biforcato alle estremità, per un peso complessivo di 766 tonnellate.

EN

This viaduct consists of a deck with a length of 140 meters and a width of 11 meters, supported by a bifurcated arch made of steel with a total weight of 766 tons.

FR

L'ouvrage a une longueur de 140 mètres et une largeur de 11 et est supportée par un arc bifurqué aux extrémités, dont le poids total de 766 tonnes.





SHINDAGHA BRIDGE

Dubai, EAU



TECHNICAL INFORMATION

CLIENT
Road & Transport Authority (RTA)

CONTRACTOR
Belhasa Six Construct LLC

PERIOD OF EXECUTION
2019-2021

WEIGHT
2.500 tons

LENGTH
135 meters

IT
Chiamato anche "arco dell'infinito", è costituito da 46 segmenti che, con un peso complessivo di 2.500 tonnellate, raggiungono un'altezza di 67 metri e una lunghezza di 135 metri.

EN
Also referred to "infinity arch", the steel arch is made of 46 segments reaching a height of 67 meters and span length of 135 meters for an overall weight of 2.500 tons.

FR
Aussi appelé "arche de l'infini", il se compose de 46 tronçons qui, avec un poids total de 2.500 tonnes, atteignent 67 mètres de hauteur et 135 mètres de portée.





ARMANDO TROVAJOLI MUSIC BRIDGE

Rome, Italy



TECHNICAL INFORMATION

CLIENT

Comune di Roma

CONTRACTOR

"Consta" Consorzio Stabile Soc. Cons. p.a.

PERIOD OF EXECUTION

2007-2008

WEIGHT

1.325 tons

LENGTH

190 meters

IT

Programmato sin dal 1929, questo ponte a doppio arco con lunghezza complessiva di 190 metri è ad oggi l'unico ponte in acciaio ad attraversare il fiume Tevere nel centro storico.

EN

Planned since 1929, this bridge has an overall length of 190 meters, and it is now the only modern bridge crossing the River Tiber in the historic center of Rome.

FR

Conçu depuis le 1929, ce bow-string de portée totale de 190 mètres est aujourd'hui le seul pont en acier à franchir la fleuve Tibre dans le centre historique de la ville de Rome.





LEONARDO BRIDGE

Montevarchi, Italy



TECHNICAL INFORMATION

CLIENT

Province of Arezzo

CONTRACTOR

JV Impresa S.p.A. - Marcegaglia S.p.A.

PERIOD OF EXECUTION

2009-2010

WEIGHT

2.580 tons

LENGTH

475 meters (5+3*30+110+ 77+48+4*30+25)

IT

Ponte a doppio arco lungo 475 metri con un peso di 2.580 tonnellate e parte del progetto di rinnovamento della strada regionale 69 per alleggerire il traffico locale.

EN

This double-arch bridge has a length of 475 meters and a weight of 2.580 tons. It is part of the renovation of the regional road 69, built to solve the traffic congestion problem.

FR

Pont à double arc de 475 mètres de portée avec un poids de 2.580 tonnes et faisant partie du projet de rénovation de la route régionale 69 pour soulager le trafic local.





DRINI BRIDGE

Kukës, Albania



TECHNICAL INFORMATION

CLIENT
Ministry of Transport and Infrastructures of Albania

CONTRACTOR
SALILLARI Ltd

PERIOD OF EXECUTION
2020-2021

WEIGHT
4.100 tons

LENGTH
310 meters (20+270+20)

IT
Il ponte è composto da tre campate, quella centrale di 270 metri ne fa uno dei più grandi ponti ad arco d'Europa. L'arco raggiunge un'altezza di 55 metri dal livello del ponte.

EN
The bridge is composed of three spans, the central one measuring 270 meters making of it one of the biggest arch bridges in Europe. The arch reaches a height of 55 meters from the level of the deck.

FR
Le pont se compose de trois travées, la travée centrale de 270 mètres en fait l'un des plus grands bow-strings d'Europe. L'arche atteint une hauteur de 55 mètres depuis le niveau du tablier.



MARMORE BRIDGE

Terni, Italy



TECHNICAL INFORMATION

CLIENT

Anas S.p.A.

CONTRACTOR

Consorzio stabile Uniter

PERIOD OF EXECUTION

2006-2008

WEIGHT

2.500 tons

LENGTH

302 meters (31+173+98)

IT

L'opera ha un peso di 2.500 tonnellate ed una lunghezza di 173 metri. Realizzato ad un'altezza di 70 metri, collega le città di Rieti e Terni riducendo i tempi di percorrenza.

EN

The structure has a weight of 2.500 tons and a central span of 173 meters. Built 70 meters from the ground, it connects the cities of Rieti and Terni reducing the travel time.

FR

Le projet a un poids de 2.500 tonnes et une portée de 173 mètres. Construit à une hauteur de 70 mètres, il relie les villes de Rieti et Terni, réduisant les temps de trajet.





GUAYLLABAMBA BRIDGE

Quito, Ecuador



TECHNICAL INFORMATION

CLIENT

Panavial SA

CONTRACTOR

Herdoiza Crespo Construcciones SA (HCC)

PERIOD OF EXECUTION

2013-2014

WEIGHT

1.240 tons

LENGTH

150 meters

IT

Questo ponte a cavalletto ha una luce centrale di 105 metri. Una delle due campate terminali è in curva, ed è composto da due vie indipendenti per un peso di 1.240 tonnellate.

EN

This trestle bridge has a central span of 105 meters. One of the two final spans is curved and it consists of two independent carriage ways reaching a total weight of 1.240 tons.

FR

Ce pont à béquille a une travée centrale de 105 mètres. L'une des deux dernières travées est cintrée et se compose de deux chaussées indépendantes atteignant un poids total en acier de 1.240 tonnes.





ARCH RAILWAY BRIDGES

Railway line Napoli-Cancello, Italy



TECHNICAL INFORMATION

CLIENT

Rete Ferroviaria Italiana SpA (RFI)

CONTRACTOR

NACAV S.c.a.r.l.

PERIOD OF EXECUTION

2020-ongoing

WEIGHT

4.500 tons

LENGTH

80+80+80 meters

IT

Realizzazione di tre ponti ad arco pendinati, con lunghezza di 80 metri ed un'altezza di 22 metri ciascuno, lungo la tratta compresa tra Napoli e Cancello.

EN

Construction of three arch bridges, all with a length of 80 meters and a height of 22 meters, located on the railway line between Naples and Cancello.

FR

Construction de trois bow-strings, chacun d'une longueur de 80 mètres et d'une hauteur de 22 mètres, sur le tronçon entre Naples et Cancello.



RAILWAY BRIDGES LOT 2A

Arad, Romania



TECHNICAL INFORMATION

CLIENT
Compania Nationala De Cai Ferate (CFR)

CONTRACTOR
Joint-Venture Astaldi-FCC-Salcef-Thales

PERIOD OF EXECUTION
2018-ongoing

WEIGHT
9.560 tons

LENGTH
420 meters, 370 meters

IT
Come parte del progetto per il IV corridoio europeo, sono stati realizzati due ponti ferroviari lunghi 420 e 370 metri, per un peso di 9.560 tonnellate, ad attraversamento del fiume Mures.

EN
As part of the IV Pan-European corridor project, these two railway bridges crossing the Mures River have a length of 420 and 370 meters and an overall weight of 9.560 tons.

FR
Dans le cadre du projet du 4ème corridor européen, deux ponts ferroviaires de 420 et 370 mètres de long, d'un poids de 9.560 tonnes, ont été construits sur la fleuve Mures.





FOOTBRIDGE

1

Dubai, EAU



TECHNICAL INFORMATION

CLIENT
Road & Transport Authority (RTA)

CONTRACTOR
Belhasa Six Construct LLC

PERIOD OF EXECUTION
2016

WEIGHT
510 tons

LENGTH
122 meters

IT
Lungo 122 metri, l'impalcato è supportato da due antenne a forma di Y con un peso di 90 tonnellate ed un'altezza di 35 metri ciascuna, a cui si ancorano 252 metri di cavi in acciaio.

EN
With a length of 122 meters, the deck is supported by two Y-shaped antennas with a weight of 90 tons and a height of 35 meters each, anchored by 252 meters of steel cables.

FR
Avec une longueur de 122 mètres, le tablier est supporté par deux poteaux en forme de Y de poids de 90 tonnes et d'une hauteur de 35 mètres chacune, auxquelles sont ancrés 252 mètres de torons en acier.





TOLERANCE BRIDGE

Dubai, EAU



TECHNICAL INFORMATION

CLIENT

Road & Transport Authority (RTA)

CONTRACTOR

Belhasa Six Construct LLC

PERIOD OF EXECUTION

2016

WEIGHT

2.300 tons

LENGTH

205 meters

IT

Caratterizzata da un imponente arco a sezione romboidale ampio 205 metri e alto 50, la passerella pesa 2.300 tonnellate e presenta un sinuoso impalcato ad "s".

EN

Characterized by a rhomboidal section arch with a largeness of 205 meters and a height of 50 meters, this footbridge has a weight of 2.300 tons and has a sinuous S-shaped deck.

FR

Caractérisée par un imposant arc rhomboïdal de 205 mètres de large et 50 mètres de hauteur, le poids de la passerelle étant de 2.300 tonnes avec un tablier sinueux en forme de "s".







FOOTBRIDGE

3

Dubai, EAU



TECHNICAL INFORMATION

CLIENT
Road & Transport Authority (RTA)

CONTRACTOR
Belhasa Six Construct LLC

PERIOD OF EXECUTION
2016

WEIGHT
1.380 tons

LENGTH
170 meters

IT
Con un peso di 1.380 tonnellate, consiste in un parallelepipedo che si arrotola su sé stesso di 180° per l'intera lunghezza di 170 metri, avvolgendo la passerella interna.

EN
Weighing 1.380 tons, it consists of a parallelepiped that rolls up on itself 180 degrees for the overall length of 170 meters, wrapping around the internal walkway.

FR
Par un poids de 1.380 tonnes, il s'agit d'un parallélépipède qui s'enroule sur son axe à 180° sur toute la longueur de 170 mètres, de façon de envelopper la passerelle interne.







FOOTBRIDGE LA ROCHELLE

La Rochelle, France



TECHNICAL INFORMATION

CLIENT

Communauté d'Agglomération de la Rochelle

CONTRACTOR

Joint-Venture Bouygues Travaux Publics Régions France - Maeg Costruzioni SpA

PERIOD OF EXECUTION

2020-ongoing

WEIGHT

700 tons

LENGTH

191 meters

IT

In pianta, la passerella presenta una forma a L con una rampa di 36 metri di lunghezza che gira in una passerella di 155 metri che attraversa la ferrovia sottostante, con la campata più lunga che misura 48 metri. L'impalcato ha una sezione variabile.

EN

In the plan, the footbridge presents a L-shape with a 36 meters long ramp turning in a 155 meters long footbridge crossing the below railways, with the longest span measuring 48 meters. The deck has a variable section.

FR

En vue en plan, la passerelle montre sa forme de L avec une rampe de 36 mètres de longueur qui se transforme en une passerelle de 155 mètres franchissant les voies ferrées, la plus longue portée mesurant 48 mètres. Le tablier a une section variable.



SUSPENSION BRIDGE A26

Linz, Austria



TECHNICAL INFORMATION

CLIENT

ASFiNAG

CONTRACTOR

ARGE A26 DONAU BRÜCKE ICM MAEG F-PILE

PERIOD OF EXECUTION

2019 - ongoing

WEIGHT

2.200 tons

LENGTH

305 meters

IT

Costruzione di un ponte sospeso sul Danubio, lungo 305 metri e largo 24.5 metri trasportato in posizione via chiatte dopo aver installato i cavi, pendini e connettori.

EN

Construction of a suspended bridge over the Danube River, 305 meters long and 24.5 meters wide, transported in position with a barge after installing the cables, hangers, and connectors.

FR

Construction d'un pont suspendu sur le Danube, de 305 mètres de portée et 24.5 mètres de largeur, amenée sur place par tronçon via barge après le montage des câbles.





MUHAMMAD BAQUIR AL-SADR BRIDGE

Basra, Iraq



TECHNICAL INFORMATION

CLIENT

Basra Governorate

CONTRACTOR

Maeg Branch Iraq

PERIOD OF EXECUTION

2013-2017

WEIGHT

6.100 tons

LENGTH

1.188 meters

EN

With a length of 1.188 meters and a weight of over 6.000 tons, it is composed of two viaducts and a 288 meters long central cable-stayed bridge, supported by two 40-meter-high antennas.

FR

D'une longueur de 1 188 mètres et d'un poids de plus de 6.000 tonnes, il est composé de deux viaducs et d'un pont central haubané de 288 mètres de long, soutenu par deux piles de 40 mètres de haut.

IT

Lungo 1.188 metri e con un peso di oltre 6.000 tonnellate, è composto da due viadotti e da un ponte strallato centrale lungo 288 metri, sorretto da due antenne alte 40 metri.





ESTAIADO DE CURITIBA BRIDGE

Curitiba, Brazil



TECHNICAL INFORMATION

CLIENT

Municipality of Curitiba

CONTRACTOR

Consorcio CR Almeida - J Malucelli Contratante

PERIOD OF EXECUTION

2013-2014

WEIGHT

2.100 tons

LENGTH

225 meters (70+129+26)

IT

Viadotto strallato che presenta un impalcato lungo 225 metri supportato da un'antenna inclinata a sezione trapezoidale, alta 75 metri, per un peso di 2.100 tonnellate.

EN

Cable-stayed viaduct composed of a 225-meter-long deck supported by a 75-meter-high trapezoidal antenna, with an overall weight of the steel structures of 2.100 tons.

FR

Viaduc à haubans composé d'un tablier de 225 mètres de long suspendu par une pile à section trapèze de 75 mètres de hauteur, par un poids total des structures en métal de 2.100 tonnes.





SIDI MAÂROUF BRIDGE

Casablanca, Morocco



TECHNICAL INFORMATION

CLIENT

Direction Regionale de L'Equipements, du Transport et de la Logistique du Grande Casablanca

CONTRACTOR

Société d'Exploitation des Procédés Boussiron

PERIOD OF EXECUTION

2016-2018

WEIGHT

3.500 tons

LENGTH

224 meters (36+138+50)

IT

Secondo ponte per grandezza del suo genere in Marocco, è caratterizzato da un pilone alto 75 metri da cui partono 27 cavi d'acciaio che sostengono l'impalcato lungo 224 metri e pesante 3.500 tonnellate.

EN

Second biggest bridge of its kind in Morocco, it is characterized by a 75-meter-high pylon from which 27 steel cables depart to support the 224-meter-long, weighing 3.500 ton-heavy deck.

FR

De taille, le deuxième pont de ce type au Maroc, il se caractérise par une antenne de 75 mètres de hauteur supportant 27 câbles d'acier qui soutiennent le tablier de 224 mètres de longueur poids totale de 3.500 tonnes.



SKURU BRIDGE

Stockholm, Sweden



TECHNICAL INFORMATION

CLIENT
Swedish Transport Administration (Trafikverket)

CONTRACTOR
Itinera S.p.A.

PERIOD OF EXECUTION
2020-2022

WEIGHT
5.800 tons

LENGTH
317 meters (41+63+99+68+46)

IT
Il nuovo Skuru Bridge sostituisce l'esistente ponte ad arco del 1914. Con una lunghezza di 317 metri ed un peso di 5.800 tonnellate, permette il flusso giornaliero dei 52.000 veicoli.

EN
The new Skuru Bridge replaces the existing arch bridge from 1914. With a length of 317 meters and a weight of 5.800 tons, it allows the daily transit of 52.000 vehicles each day.

FR
Le nouveau pont Skuru remplace l'actuel pont en arc réalisé en le 1914. Avec une longueur de 317 mètres et un poids de 5.800 tonnes, il permettra la circulation quotidienne de 52 000 véhicules.



SVILAJ BRIDGE

Svilaj, Croatia



TECHNICAL INFORMATION

CLIENT

Government of the Republic of Croatia & Government of the Federation of Bosnia and Herzegovina

CONTRACTOR

Hering d.d.

PERIOD OF EXECUTION

2017-2019

WEIGHT

5.300 tons

LENGTH

640 meters (70+85+100+130+100+85+70)

IT

Ponte di sette campate a doppia corsia lungo 640 metri, con un peso complessivo di 5.000 tonnellate che poggiano su quattro pile al confine fra la Croazia e la Bosnia Erzegovina.

EN

At the border between Croatia and Bosnia-and Herzegovina, this seven-span-double-lane bridge, has an overall length of 640 meters. The steel structure has a weight of 5.000 tons and lays on four concrete pillars.

FR

A la frontière entre la Croatie et la Bosnie-Herzégovine, ce pont à sept travées et à deux voies à une longueur totale de 640 mètres. La structure en acier pèse 5.000 tonnes et repose sur quatre piles en béton.



LOUKKOS RAILWAY VIADUCT

Larache, Marocco



TECHNICAL INFORMATION

CLIENT

Office National des Chemins de Fer (ONCF)

CONTRACTOR

Société Générale des Travaux du Maroc (SGTM)

PERIOD OF EXECUTION

2012-2015

WEIGHT

10.495 tons

LENGTH

2.256 meters

IT

Parte di una linea ferroviaria ad alta velocità, si compone di 41 campate sollevate dal basso suddivise in 7 impalcati di lunghezza variabile, per una lunghezza totale di 2.256 metri.

EN

Part of the broader high-speed train line, it has a total length of 2.256 meters, divided in 41 spans with a variable length lifted in position from the ground.

FR

Faisant partie de la ligne plus large des trains à grande vitesse, par une longueur totale de 2.256 mètres, sur 41 travées de longueur variable assemblées au sol et montée par grue.



GIOSTRA VIADUCTS

Messina, Italy



TECHNICAL INFORMATION

CLIENT

ANAS S.p.A

CONTRACTOR

Ricciardello Costruzioni Srl

PERIOD OF EXECUTION

2010-2013

WEIGHT

4.800 tons

LENGTH

3.700 meters

IT

Questi 14 viadotti sopraelevati sono parte di un'opera molto complessa che convoglia e smista il traffico della città di Messina e sono composti da travi a doppio T in acciaio Corten con diaframmi reticolari bullonati, per un peso di 4.800 tonnellate.

EN

These 14 elevated viaducts are part of a complicated project to reorganize the viability of Messina. They consist of double-T beams made of Corten steel with bolted reticular diaphragms, weighing 4.800 tons.

FR

Ces 14 viaducs surélevés font partie d'un projet complexe de réorganisation de la viabilité de Messine. Ils sont constitués de poutres en double T en acier Corten avec des diaframmes réticulaires boulonnés, pesant 4.800 tonnes.



CETINA BRIDGE

Omiš, Croatia



TECHNICAL INFORMATION

CLIENT

Hrvatske ceste d.o.o.

CONTRACTOR

STRABAG AG

PERIOD OF EXECUTION

2021-2022

WEIGHT

1.250 tons

LENGTH

216 meters

IT

Il progetto porterà sollievo al centro della città di Almissa, deviando il traffico. Consiste in un ponte a travata e a sezione variabile che collega due tunnel ad un'altezza di 70 metri dal suolo e sopra il fiume Cetina. Ha una lunghezza totale di 216 metri e una campata massima di 152 metri tra i due supporti.

EN

The project will bring relief to the city centre of Omiš by deviating the traffic. It is a steel girder bridge with a variable section connecting two tunnels at a height of 70 meters from the ground and above the River Cetina. It has an overall length of 216 meters and a maximum span of 152 meters between 2 supports.

FR

Le projet permettra de soulager le centre ville d'Omiš en déviant le trafic. Il s'agit d'un pont à poutres métalliques à section variable reliant deux tunnels à une hauteur de 70 mètres du sol et au-dessus de la rivière Cetina. Il a une longueur totale de 216 mètres et une portée maximale de 152 mètres entre 2 appuis.



BUILDINGS AND STRUCTURES

EN

The architecture of the everyday, like hospitality structures, offices, airports, and stadiums gathers all those environments that compose people's daily life, addressing the growing flow of people while adding architectural value to a city's identity, or responding to an increasingly larger volumes for the production and logistic and supporting the development of a country's economy.

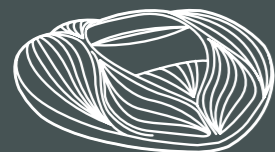
IT

L'architettura del quotidiano, come le strutture ricettive, gli uffici, gli aeroporti e gli stadi raccolgono tutti quegli ambienti che compongono la vita quotidiana delle persone, affrontando il crescente flusso di persone e aggiungendo valore architettonico all'identità di una città, o rispondendo a volumi sempre più grandi per la produzione e logistica e sostenere lo sviluppo dell'economia di un paese.

FR

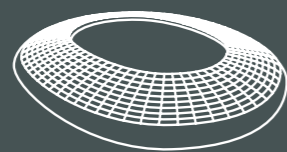
L'architecture du quotidien, comme les structures d'accueil, les bureaux, les aéroports et les stades rassemble tous ces décors qui composent la vie quotidienne des gens, s'adressant au flux croissant de personnes tout en ajoutant une valeur architecturale à l'identité d'une ville, ou répondant à des volumes de plus en plus importants pour la production et la logistique et le soutien au développement de l'économie d'un pays.





AL JANOUB STADIUM

p. 102



PAUL BIYA STADIUM

p. 108



GEWISS STADIUM

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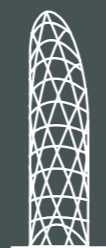
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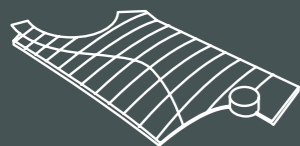
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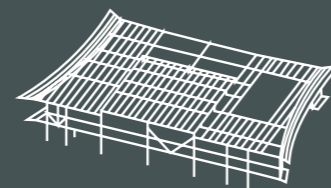
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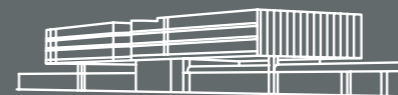
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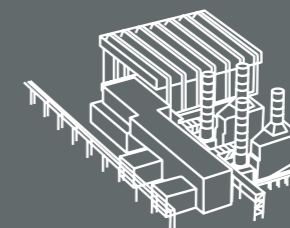
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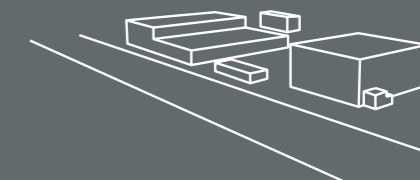
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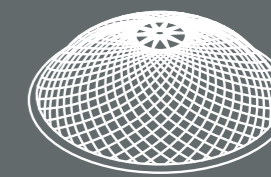
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PLACE VENDÔME DOMES

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AL JANOUB STADIUM

Al Wakrah, Qatar



TECHNICAL INFORMATION

CLIENT

Supreme Committee for Delivery & Legacy

CONTRACTOR

Midmac-Purr-Six Construct Joint-Venture (MPSJV)

PERIOD OF EXECUTION

2016-2018

WEIGHT

7.500 tons

IT

Inspirato alle tipiche imbarcazioni arabe a vela "Dau", la struttura metallica raggiunge le 7.500 tonnellate suddivise fra copertura, atta ad ospitare un tetto retrattile, e colonne perimetrali.

EN

Inspired by the sails of the traditional Arab Dhow boats, the weight of the steel structure reaches 7.500 tons divided between the roofing, which is suitable to accommodate a retractable roof, and perimeter columns.

FR

Inspirée par les typiques voiliers arabes «Dau», la structure métallique atteint 7.500 tonnes réparties entre la toiture, adapté pour accueillir une couverture rétractable, et les colonnes sur le périmètre.







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AFC CHAMPIONS LEAGUE FINAL 2020 DOHA

PAUL BIYA STADIUM

Yaoundé, Cameroon



TECHNICAL INFORMATION

CLIENT
Fédération Camerounaise de Football

CONTRACTOR
Gruppo Piccini S.p.A

PERIOD OF EXECUTION
2017-2018

WEIGHT
8.000 tons

IT
La copertura dello stadio Paul Biya ha una tipologia a tensostruttura, impiegando un anello esterno di compressione connesso ad un anello interno di tensione a supporto della membrana di copertura.

EN
The Paul Biya Stadium roofing has a tensile structure design, that uses an outer compression ring connected to an inner tension ring to support the roofing membrane.

FR
La couverture du stade du Paul Biya présente une typologie de structure tendue, utilisant un anneau de compression externe lié à un anneau de tension interne pour soutenir la membrane de la couverture.







GEWISS STADIUM

Bergamo, Italy



TECHNICAL INFORMATION

CLIENT
Stadio Atalanta S.r.l.

PERIOD OF EXECUTION
2019

WEIGHT
1.050 tons

IT
Realizzazione della tribuna Nord dello stadio dell'Atalanta, parte del progetto di ricostruzione delle curve esistenti che verranno demolite e ricostruite con una copertura in acciaio.

EN
Realization of the North GrandStand of the Atalanta Stadium, as part of the reconstruction project of the existing Stands, which will be demolished and rebuilt with a steel roof.

FR
Réalisation de la tribune Nord du stade de l'équipe Atalanta, dans le cadre du projet de rénovation des existants, qui seront démolies et reconstruites avec une couverture en métal.





AGUARDI ADIUNA FEDE

SERIE A TIM

CORINTHIA HOTEL

Khartoum, Sudan



TECHNICAL INFORMATION

CLIENT
Libyan Arab Foreign Investment Company (L.A.F.I.C.O.)

CONTRACTOR
Cooperativa Muratori e Cementisti (C.M.C.)

PERIOD OF EXECUTION
2005-2006

WEIGHT
3.770 tons

IT
Simbolo della città nel punto in cui confluiscono i fiumi Nilo Bianco e Nilo Blu, la sua struttura a forma di vela ha un'altezza di 85 metri ed un peso di 3.770 tonnellate.

EN
Symbol of the city on the meeting point where of the Blue and White Nile converge, its sail-like curved façade has a height of 85 meters and a weight of 3.77 tons.

FR
Symbole de la ville sur le point de confluence du Nil blanc et du Nil bleu, sa structure en forme de voile mesure 85 mètres de haut et un poids de 3.770 tonnes.





شباب... یلا و بس!

KULA BELGRADE

Belgrade, Serbia



TECHNICAL INFORMATION

CLIENT

BW Kula d.o.o. Beograd

CONTRACTOR

Pizzarotti Millennium d.o.o.

PERIOD OF EXECUTION

2020-2021

WEIGHT

1.050 tons

IT

Kula Belgrado è un grattacielo polifunzionale di 40 piani, alto 168 metri, situato sul lungofiume di Belgrado, sulla riva del fiume Sava ed è composta da strutture in acciaio sul podio al piano terra, strutture secondarie che sostengono la facciata e una corona superiore posta sulla sommità della torre.

EN

Kula Belgrade is a 40-floor, 168-meter-tall multifunctional skyscraper located in the Belgrade's Waterfront on the bank of the Sava River and it is made of concrete presenting steel structures on the podium on the ground floor, and secondary structures supporting the façade and upper crown placed on the top of the tower.

FR

Kula Belgrade est un IGH polyvalent de 40 étages et 168 mètres de haut, situé au bord de la rivière Belgrade, sur la rive de la fleuve Sava et il est réalisé en béton armé et en structures en acier sur le podium au rez-de-chaussée, de structures secondaires qui soutiennent la façade et d'une couronne supérieure.





UNIPOLSAI SKYSCRAPER

Milan, Italy



TECHNICAL INFORMATION

CLIENT

Unipol Gruppo S.p.A.

CONTRACTOR

C.M.B. Cooperativa Muratori e Braccianti di Carpi

PERIOD OF EXECUTION

2019 - ongoing

WEIGHT

5,060 tons

IT

Chiamata anche "Nido Verticale", la torre è alta 125 metri e presenta una struttura esterna reticolare composta da elementi tubolari a sezione circolare, con un peso complessivo di 5.000 tonnellate.

EN

Also known as "Vertical Nest", the tower is 125 meters high and presents an external structure made of a tubular grid with circular section, for an overall weight of 5.000 tons.

FR

Appelée aussi "Nid vertical", la tour mesure 125 mètres de haut et possède une structure extérieure réticulaire composée d'éléments tubulaires à section circulaire, dont le poids total est de 5.000 tonnes.







CENTER INTERNATIONAL CONFERENCES - CIC

Algiers, Algeria



TECHNICAL INFORMATION

CLIENT

Algerian government

CONTRACTOR

China State Construction Engineering Corp. Ltd. (CSCEC)

PERIOD OF EXECUTION

2011-2014

WEIGHT

6.615 tons

EN

With an overall surface of more than 110.000 square meters and able to host up to 10.000 people, it is the biggest conference center in North Africa.

FR

Avec une surface de plus de 110.000 mètres carrés et une capacité de 10.000 personnes, ce centre de conférence est le plus grand d'Afrique du Nord.

IT

Con una superficie di oltre 110.000 mq ed una capacità di 10.000 persone, questo centro conferenze è il più grande del Nord Africa.

NEW BOCCONI CAMPUS

Milan, Italy



TECHNICAL INFORMATION

CLIENT
Società Campus Bocconi a r.l.

CONTRACTOR
Impresa Percassi SPA

PERIOD OF EXECUTION
2018-2019

WEIGHT
870 tons

IT
Il nuovo Campus universitario per l'Università Bocconi, progettato dal rinomato studio di architettura giapponese SANAA, si estende per 36.000 metri quadrati nell'ex area della Centrale del Latte di Milano.

EN
The new campus of the Bocconi University is designed by the internationally renowned Japanese architect firm SANAA. The building is located in the former area of the Milk's Central Station of Milan, covering a surface of 36,000 square meters.

FR
Le nouveau Campus de l'Université Bocconi a été conçu par le prestigieux bureau japonais d'architecture SANAA dans une zone de 36.000 mètres carrés, siège de la vieille Centrale du Let de Milan.



CO'MET CONGRESS PALACE

Orleans, France



TECHNICAL INFORMATION

CLIENT

Comet Orleans Metropole

CONTRACTOR

Bouygues Construction

PERIOD OF EXECUTION

2020-2022

WEIGHT

1.850 tons

EN

The congress building has a total area of 16,000 square meters and its structure consists of steel beams and pillars, trusses on the roof, decking in mixed steel / concrete flooring, cantilevered facades and technical walkways hanging from the roof.

FR

Le palais des congrès a une surface totale de 16 000 mètres carrés et sa structure est composée par des poutres et des poteaux métalliques, des poutres treillis en toiture, de planchers mixtes acier/béton, de façades en porte-à-faux et de passerelles techniques suspendues au toit.

IT

L'edificio congressuale ha una superficie complessiva di 16.000 metri quadrati e la sua struttura è composta da travi e pilastri in acciaio, travi reticolari sul tetto, impalcati in pavimento misto acciaio/calcestruzzo, facciate a sbalzo e passerelle tecniche appese al tetto.

TERMINI STATION PARKING LOT

Rome, Italy



TECHNICAL INFORMATION

CLIENT

Grandi Lavori S.p.A.

CONTRACTOR

Società Appalti Lavori e Costruzioni S.p.A. (SALC)

PERIOD OF EXECUTION

2010-2020

WEIGHT

11.500 tons

IT

Piastra parcheggi di tre piani costruita sopra la stazione ferroviaria, ha un peso di 14.000 tonnellate ed una superficie complessiva di 50.000 metri quadri.

EN

With a weight of 14.000 tons and an overall surface of 50.000 square meters, the project consists of a three-floor parking lot built above the train station.

FR

Avec un poids de 14.000 tonnes et une surface totale de 50.000 mètres carrés, le projet consiste en un parking de trois étages construit au-dessus de la gare.



ENERGY PLANTS

Cairo, Egypt



TECHNICAL INFORMATION

CONTRACTOR

Orascom Construction Group

PERIOD OF EXECUTION

2015-2017

WEIGHT

27.300 tons

EN

With an overall volume of more than 27.000 tons, the metal structures were designed and supplied for industrial use and destined for several countries in North Africa.

IT

Con un volume complessivo di oltre 27.000 tonnellate, le strutture metalliche sono state progettate e fornite ad uso industriale e destinate a diversi paesi del nord Africa.

FR

Avec un volume total de plus de 27.000 tonnes, les structures métalliques à destination industriel ont été conçues et fournies à divers pays d'Afrique du Nord.



CAMERI MILITARY AIRPORT

Cameri, Italy



TECHNICAL INFORMATION

CLIENT

Alenia Aeronautica

CONTRACTOR

Impresa Costruzioni Giuseppe Maltauro S.p.A.

PERIOD OF EXECUTION

2010-2014

WEIGHT

10.380 tons

IT

La base aerea di Cameri consiste in un hub logistico dell'aviazione militare per l'assemblaggio di aeromobili F35 Joint Strike Fighters, arrivando ad una produzione di 96 velivoli all'anno.

EN

The Cameri Air Base is a logistic hub for the military aviation in which the assembly of F35 Joint Strike Fighter aircrafts takes place, reaching a production of 96 aircraft per year.

FR

La base aérienne de Cameri est un centre logistique pour l'aviation militaire où se réalise l'assemblage des avions de combat F35 Joint Strike Fighter, qui atteint une production de 96 exemplaires par an.



R3 BUILDING

Agrate Brianza, Italy



TECHNICAL INFORMATION

CLIENT
STMicroelectronics S.r.l.

CONTRACTOR
CMB Società Cooperativa

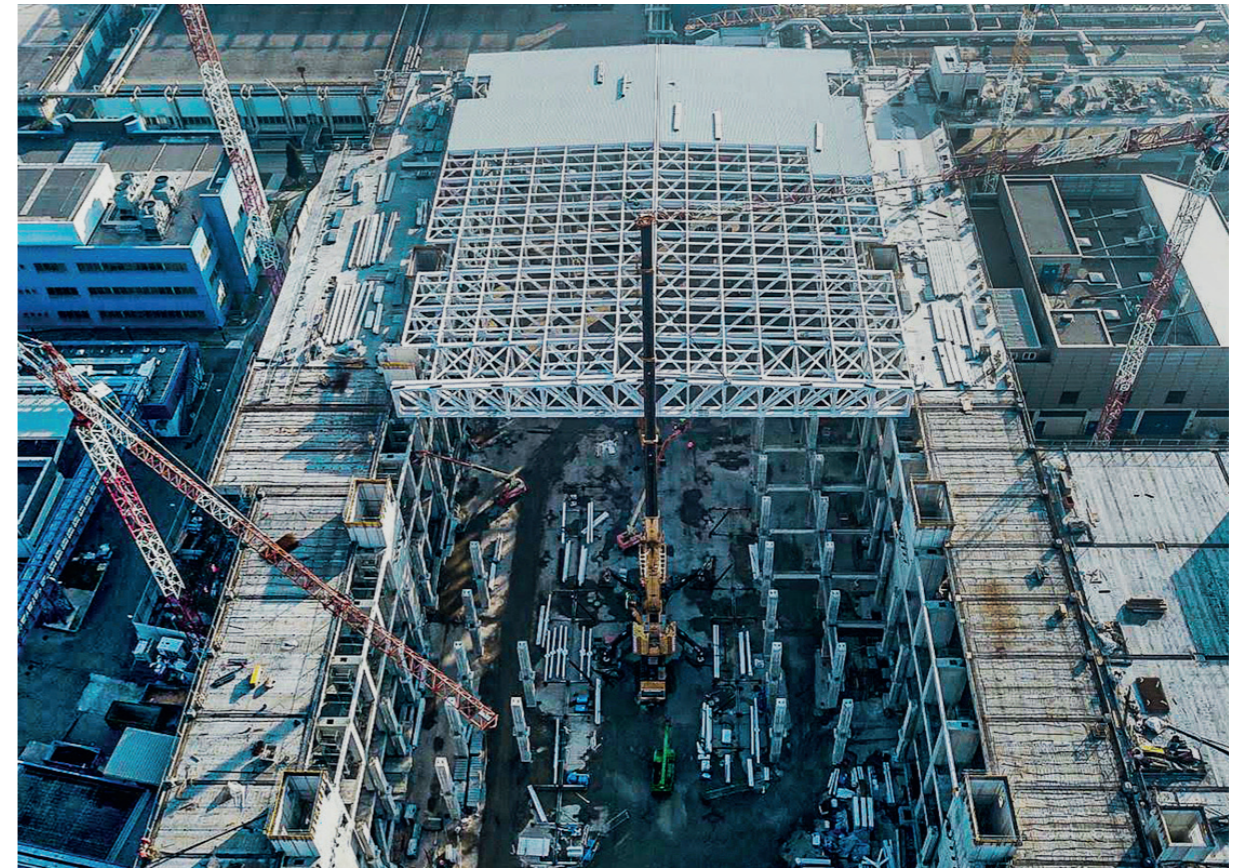
PERIOD OF EXECUTION
2019-2020

WEIGHT
4.200 tons

IT
L'opera consiste nell'ampliamento dei poli produttivi della STMicroelectronics, realizzando il fabbricato R3 come nuovo polo per la ricerca e lo sviluppo di nuove tecnologie.

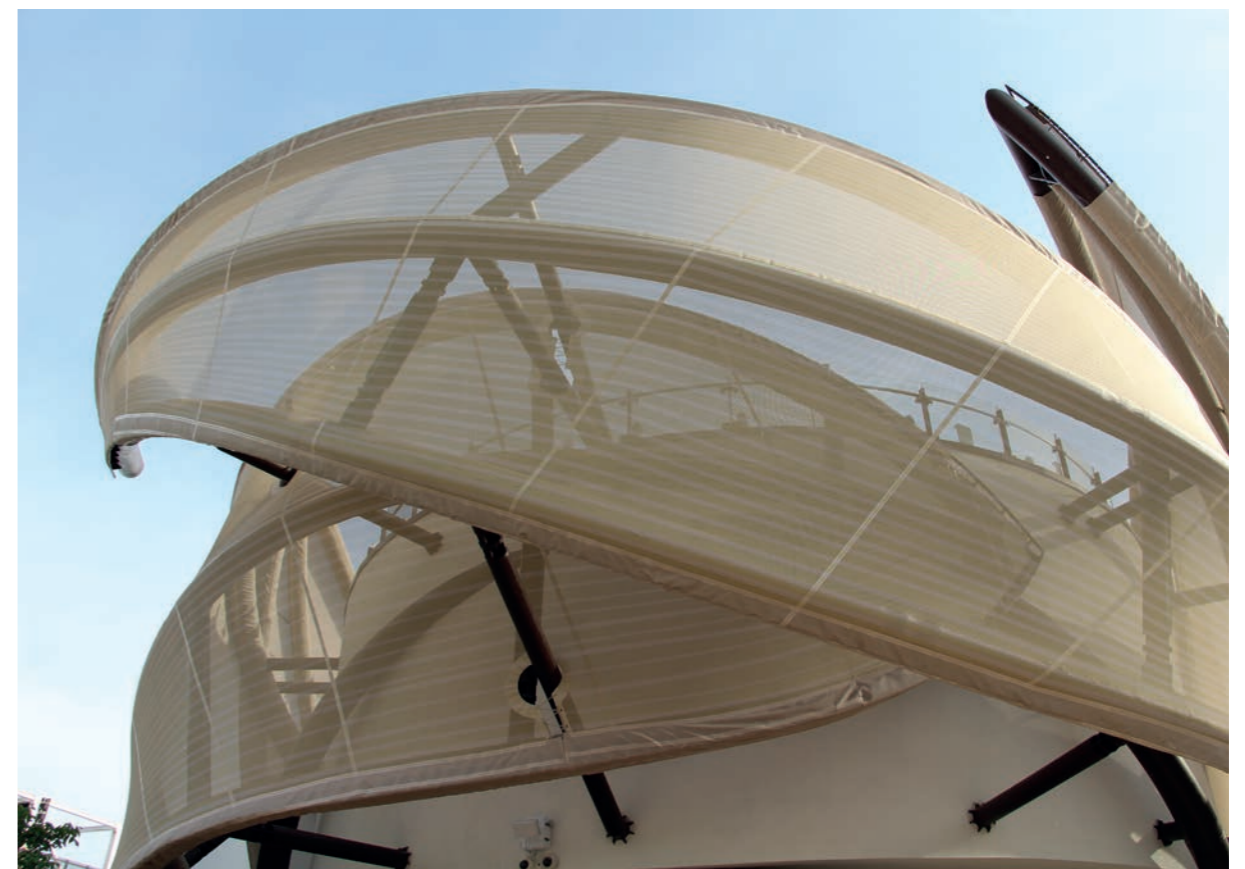
EN
The work consists in the expansion of STMicroelectronics production facilities, building the R3 edifice as a new center for research and development of new technologies.

FR
Le projet consiste en l'extension des unités de production de la sté StMicroelectronics, créant ainsi le bâtiment R3 comme nouveau centre de recherche et de développement de nouvelles technologies.



EXPO 2015 MEXICAN PAVILION

Milan, Italy



TECHNICAL INFORMATION

CLIENT

ProMéxico

CONTRACTOR

Nussli Italia S.r.l.

PERIOD OF EXECUTION

2015

WEIGHT

450 tons

EN

Built for the Expo 2015 in Milan with the topic "Feeding the Planet, Energy for Life", this temporary pavilion has been inspired by the shape of the corn, a basic base ingredient of the Aztec culture.

IT

Realizzato all'interno dell'Expo 2015 di Milano con il tema "Nutrire il Pianeta, Energia per la Vita", questo padiglione ha preso ispirazione dalla forma della pannocchia, ingrediente base della cultura Azteca.

FR

Créé dans le cadre de l'Expo 2015 à Milan sur le thème "Nourrir la planète, énergie pour la vie", ce pavillon s'inspire à la forme de l'épi de maïs, un ingrédient de base de la culture aztèque.

PORT CRANES STS

Limassol, Cyprus



TECHNICAL INFORMATION

CLIENT
Bedeschi S.p.A.

PERIOD OF EXECUTION
2017-2018

WEIGHT
3.600 tons

EN
Realization of two Ship-To-Shore cranes reaching a height of 98 meters in the static phase and 141 with arm elevation. Manufactured in Italy, they were then transported to the port of Cyprus.

IT
Realizzazione di due gru scarica container di 98 metri di altezza in fase statica e 141 con l'innalzamento del braccio. Interamente prodotte in Italia, sono destinate al porto di Cipro.

FR
Construction de deux grues Ship-To-Shore de 98 mètres de hauteur en phase statique et de 141 en considérant la flèche en service. Entièrement fabriqués en Italie, ils sont destinés au port de Chypre.



ZOO DE BEAUVAL TROPICAL GREENHOUSE

Saint-Aignan-Sur-Cher, France



TECHNICAL INFORMATION

CLIENT

SAS ZooParc de Beauval

CONTRACTOR

Constructions Metalliques Florentaies (C.M.F.)

PERIOD OF EXECUTION

2018

WEIGHT

780 tons

IT
Questa cupola ricopre una superficie di 8.000 metri quadrati. La struttura portante in acciaio ha un peso complessivo di 780 tonnellate e raggiunge i 33 metri d'altezza e 101 di diametro.

EN

This dome has a height of 33 meters and a diameter of measuring 101 meters, covering an overall surface of 8.000 square meters. The structural steel reaches a final weight of 780 tons.

FR

Ce dôme couvre une surface de 8.000 mètres carrés. La structure porteuse en acier a un poids total de 780 tonnes, une hauteur de 33 mètres et un diamètre de 101 mètres.



GOLDEN TULIP PLAZA CASERTA COVERING

Caserta, Italy



TECHNICAL INFORMATION

CLIENT

Hotel Marina di Castello S.p.A.

PERIOD OF EXECUTION

2004

WEIGHT

300 tons

EN

This roofing is the biggest of its kind in Europe: 3.600 square meters of steel and shatterproof glass, realized to cover the internal courtyard of a luxurious complex.

IT

Questa copertura è la più grande in Europa nel suo genere: 3.600 metri quadrati di superficie in vetro antiscalfatura realizzata per la corte interna un lussuoso hotel.

FR

Cette couverture est le plus grand de ce type en Europe: 3.600 mètres carrés de surface de verre incassable créés pour la cour intérieure d'un hôtel de luxe.



PLACE VENDÔME DOMES

Doha, Qatar



TECHNICAL INFORMATION

CLIENT

United Development Company (UDC)

CONTRACTOR

Construction & Reconstruction Engineering Company

PERIOD OF EXECUTION

2017-2019

WEIGHT

1.230 tons

IT

Realizzazione di dodici cupole, sia nella struttura in acciaio con un peso di 1.230 tonnellate che del rivestimento in alluminio e vetro, con una superficie vetrata di 35.000 mq.

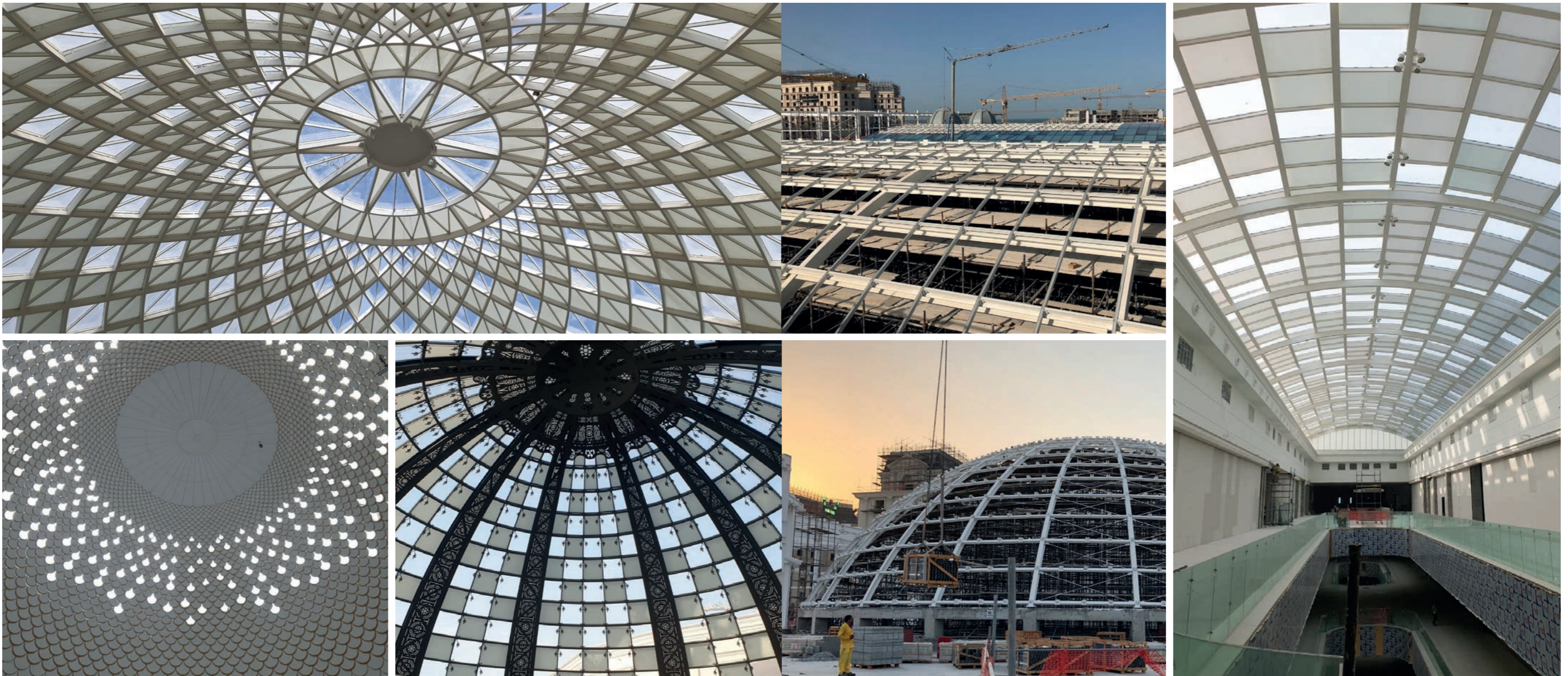
EN

Realization of twelve domes, either in the steel structure with a weight of 1.230 tons, and the aluminum and glass cladding for an overall glass surface of 35.000 sqm.

FR

Réalisation de douze dômes, tant dans la structure en acier d'un poids de 1.230 tonnes que dans le revêtement en aluminium et en verre, avec une surface vitrée de 35.000 mètres carrés.





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