

diamond walraven

Company Profile



Company Profile

Hira Walraven is a joint venture company between Hira Industries LLC, based in United Arab Emirates and the Walraven group based in the Netherlands.

Since 1980, Hira Industries has been serving the construction industry with products of the highest quality conforming to international standards. Today, Hira Industries has manufacturing plants in United Arab Emirates and India, with sales offices in multiple locations across Middle East, India, Asia, Africa and USA. With more than 900 motivated employees from 20 nationalities, the group aims to constantly innovate and set the standards which would widen the gap between our competition and us.



*** Regional Head Office at National Industries Park – Dubai, UAE**

The Walraven Group originated from the metal work company J.Van Walraven B.V, a family business which was established in 1942 in Mijdrecht (NL). Today Walraven has its own production and sales companies in ten European countries, the United States of America and China. In the Walraven Group over 750 enthusiastic employees are active with the development, production and sales of our innovative products.

Connecting Our Customers

What makes our brand unique ? We connect the needs of our customers to the strengths of our company. With our wide product range and expert advice we can provide complete solutions for every aspect of the projects, no matter how large or complex.

The combination of our product system, know how and services enables us to deliver smart product solutions. This is how we provide added value to our customers through smart solutions. We understand that our products are small parts within potentially huge projects. We know how important it is for even the smallest part to do its job properly and make your work easier and more efficient. Even the tiniest parts can deliver great value if constructed, applied and supplied in smart ways.

And that's what we do everyday.



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Quality

Our organization is ISO 9001:2008 certified. This way we continuously improve operational processes, and thus the quality of the entire organization.

Our products meet the highest quality standards and are approved by many international testing institutes such as



The technical properties of the products, like the maximum safe working load, are established and published by means of a standardized measuring method.

Within the measuring method the maximum load is calculated taking the maximum deflection into consideration.

Management Team



All our employees are highly trained to assist in product selection, technical assistance and project support.



Product Range

The complete range of Diamond Walraven products include

- Pipe Fixing Systems
- Fixing Points and Sliding Devices
- Rapid Rail and Rapid Strut Channel Fixing Systems
- Rooftop Supports + Solar Fixing
- Mechanical and Chemical Anchors and Nylon Plugs
- Fastening Systems
- Pipe Connectors
- Anti Vibration Products
- Fixing Accessories
- Passive Fire Stop Systems
- Seismic Bracing and Accessories

Technical Services

Our range of technical services include, but not limited to

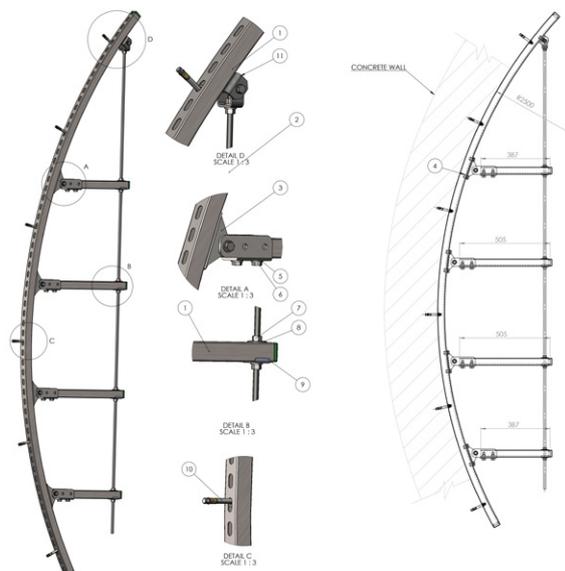
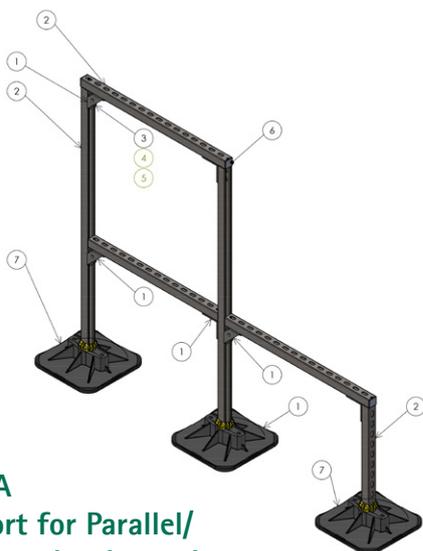
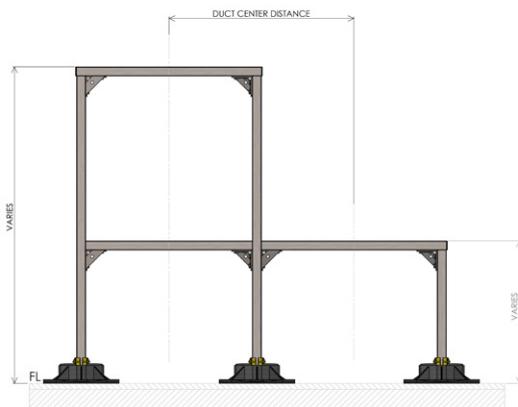
- Select suitable channel profile for specific installations using propriety software to calculate stress, deflection and reaction forces at supports in multi span rails with finite element method.

- Provide complete Bill of Quantities of support assembly system.
- Seismic calculations.
- Computer aided drawings to visualization of designs.

Front View

Description	Element
Angle Connector 90 Degree	1
Slotted Channel 41 x 41 x 2.5	2
Hexagonal Bolt M12 x 30	3
Flat Washers M12	4
Slide Nut M12	5
End Caps 41 x 41	6
Yeti 335	7

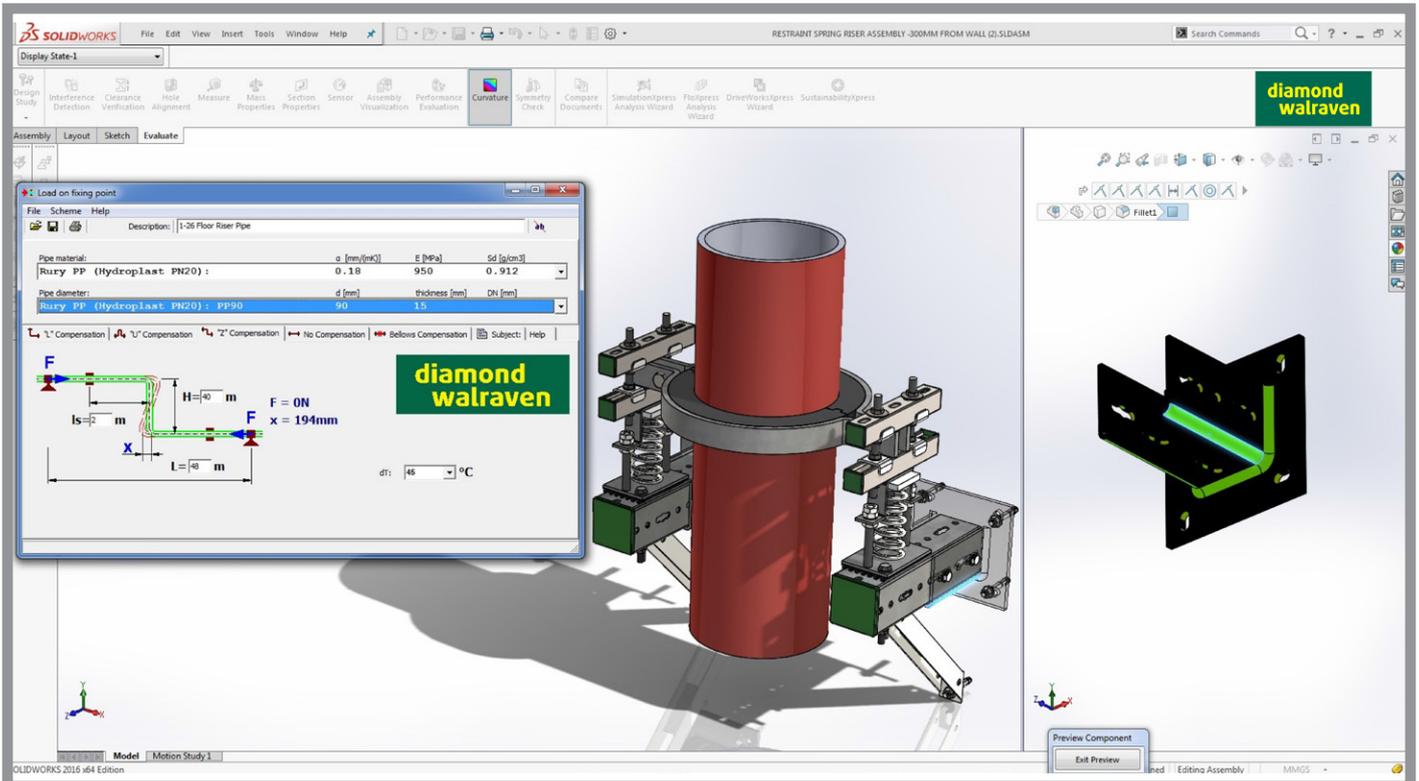
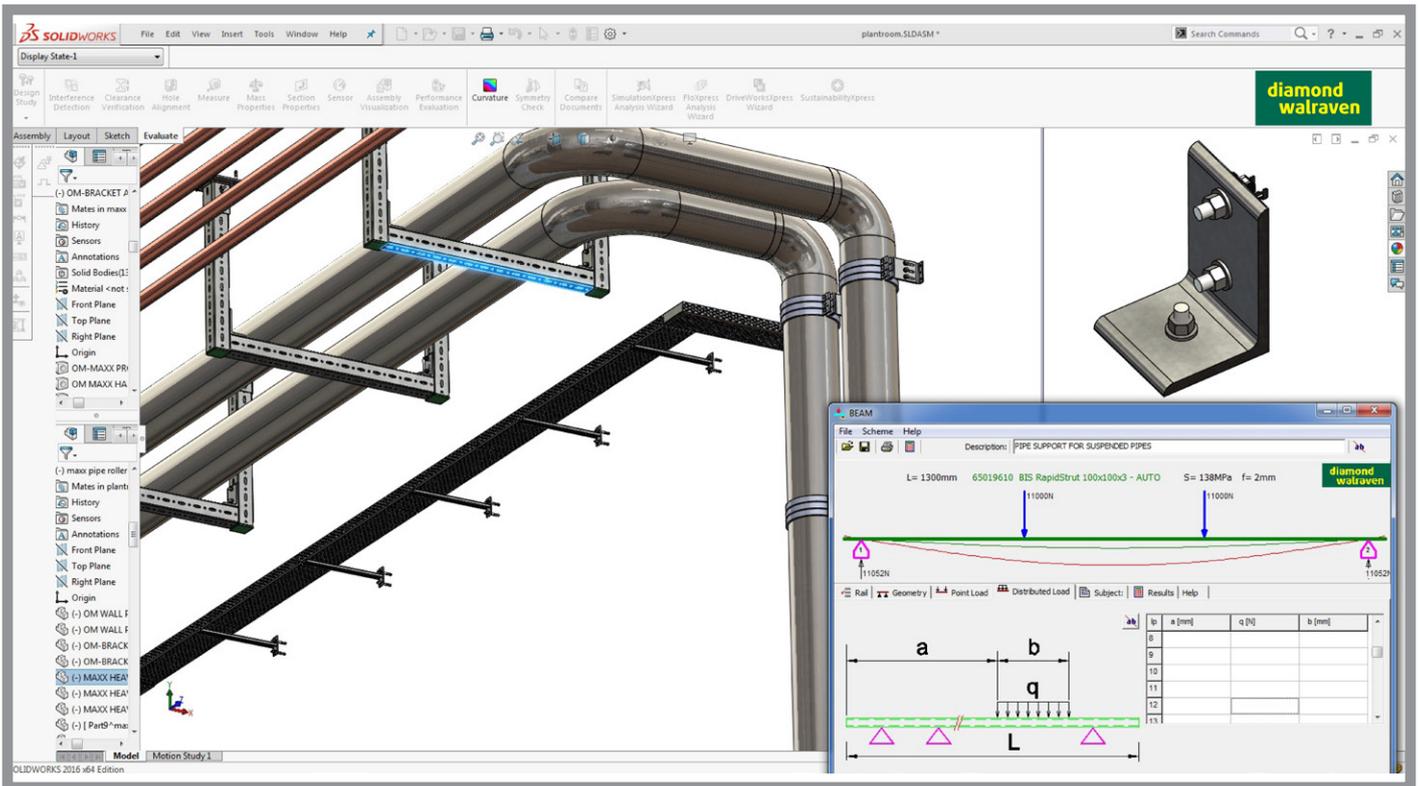
Description	Element
Slotted Channel 41 x 41 x 2.5mm	1a
Bended Slotted Channel	1b
Threaded Rod M12	2
BIS Wall Plate (Hinged)	3
BIS Slide Nut M12	4
M12 Washer	5
M12x30 Hexagonal Bolt	6
M12 Nut	7
BIS Strut Washer M12	8
BIS Strut Washer U-Shaped	9
M12 Through Anchor	10
Support Angle	11



Type A
Support for Parallel/
Different level two duct support

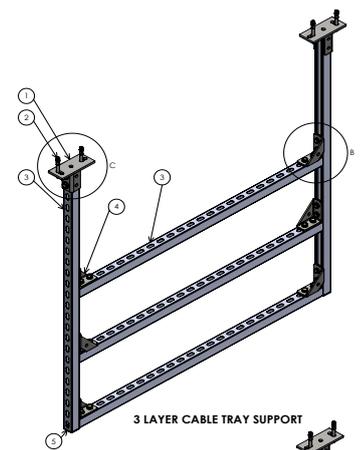
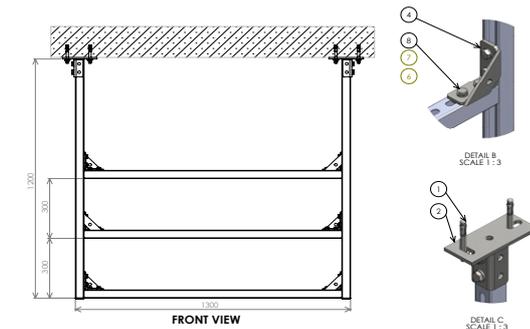
Technical Support

Rail Selection and Thermal Expansion Calculations

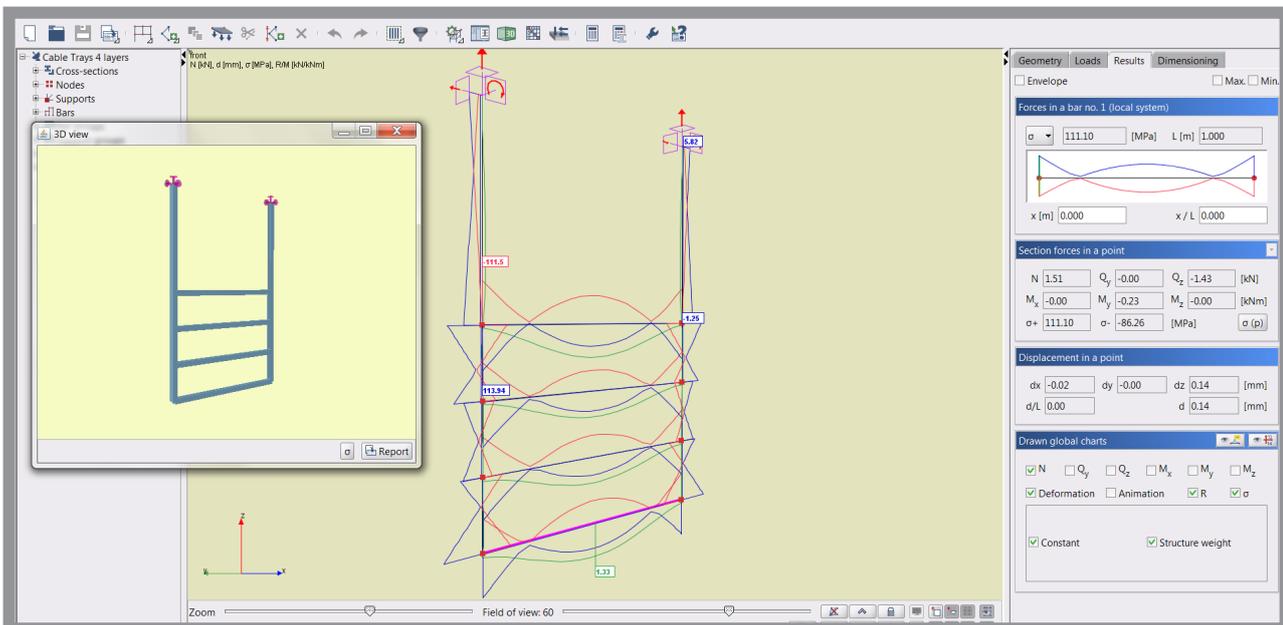
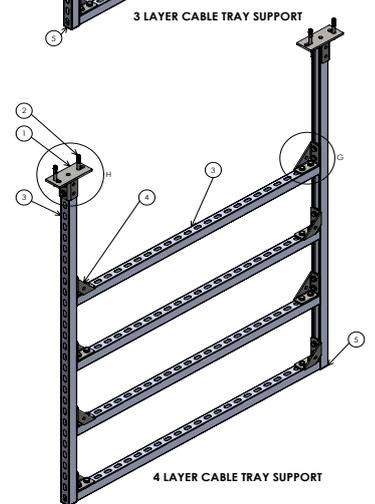
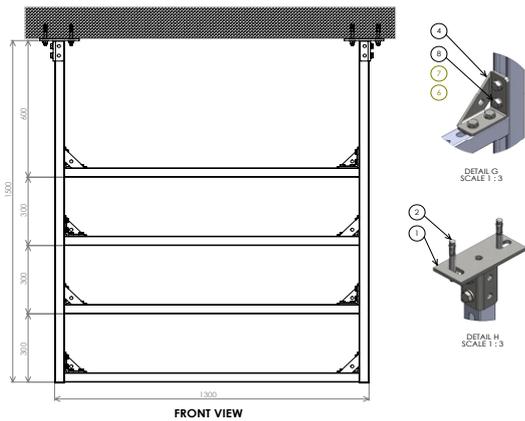


Technical Support 3D Designs & Drawings

Description	Element
Wall Plates	2
Through Anchors M12	4
Slotted Channel 41x41x2.5-3mtr	3
Angle Connector 90°	8
End Caps 41x41	2
Slide Nuts M12	32
M12 Flat Washers	32
M12x30mm Hexagonal Bolt	32



Description	Element
Wall Plates	2
Through Anchors M12	4
Slotted Channel 41x41x2.5-3mtr	3
Angle Connector 90°	8
End Caps 41x41	2
Slide Nuts M12	32
M12 Flat Washers	32
M12x30mm Hexagonal Bolt	32



Technical Support Anchors Software

Sample Reports

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Project description (1/8) Page 1
User: khalid
Position:

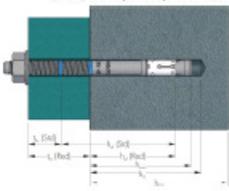
1. Product overview

WTB1 10x55

Material	Steel zinc plated
Thread size	M10
Anchorage depth h_{an}	35 mm
Nominal diameter of drill d_r	10 mm
Depth of drilled hole h_d	40 mm
Clearance hole diameter d_c	11 mm
Installation torque moment T_{inst}	20 Nm



Article number (Anchor item): 608031100
 Article number (Accessories): 69521021 (WSD5+10x21/00CE), 69521026 (WSD5+10x26/00CE)
 Anchor length L: 35 mm
 Maximum attachment part thickness t_{max} : 50 Piece
 Packaging unit: EDTA ETAG 001, Annex C, Method A: 2010
 Design method:



2. Entries

Substrate	Concrete cracked
Base material	$h = 200$ mm
Concrete member thickness	C20/25
Strength class	25 N/mm ²
Compressive strength	Non-reinforced concrete
Concrete reinforcement	Without edge reinforcement
Edge reinforcement	Available
Reinforcement to control splitting	Hammer drilling
Drilling method	not filled
Annular gap	

J. van Walraven Holding B.V.
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Project description (2/8) Page 2
User: khalid
Position:

Anchor plate

Geometry: Shape: [Rectangle] Width L_y : 220 mm | Length L_x : 220 mm | Thickness t : 8 mm

Anchor group

Geometry: Layout: 4 Anchors
Eccentricity: e_x : 0 mm | e_y : 0 mm
Angle: 0°
Sloped hole: No sloped hole
Anchor bending: No

Profile

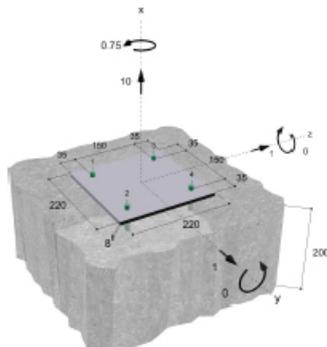
Profile: No profile
Eccentricity: e_x : 0 mm | e_y : 0 mm

Loads

Load type: Static / Quasi-static

No	V_{Ed}	V_{Ed}	M_{Ed}	M_{Ed}	M_{Ed}
10.00 kN	1.00 kN	1.00 kN	0.75 kNm	0.00 kNm	0.00 kNm

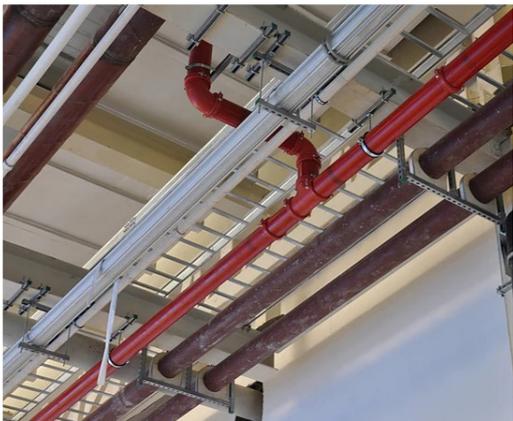
Geometry
Length in [mm] | Forces in [kN] | Moment in [kNm]



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Product Installations



Project Portfolio

■ Infrastructure

Abu Dhabi Exhibition Centre – UAE
Royal Opera House – Oman
Oman National Museum – Oman
Doha Convention Centre - Qatar
Oman Convention & Exhibition Centre - Oman
Sheikh Zayed Grand Mosque – UAE
Ministry of Interiors Building – Qatar
King Abdulla Financial District – Saudi Arabia

■ Transport

Dubai Metro - UAE
Doha Metro - Qatar
Riyadh Metro - Saudi Arabia
Barcelona Metro - Spain
London Tube - England
Muscat Airport - Oman
Doha Airport - Qatar
Amman Airport - Jordan
Mumbai Airport - India
Bangalore Airport - India
Farnborough Airport - England
Dubai Tram - UAE
Al Haramain High Speed Rail – Saudi Arabia
Midfield Terminal Airport – UAE
Adam Airbase – Oman
King Khaled International Airport T5 – Saudi Arabia

■ Infrastructure

Sheikh Khalifa Sports City - Bahrain
Sheikh Saad Indoor Stadium - Kuwait
Al Saad Stadium – Qatar
Sultan Qaboos Youth Complex – Oman
Al Bayyat Stadium Al Khor – Qatar

■ Residential

World One Tower - India
Fountain View - UAE
City Walk Dubai - UAE

Viva Bahriya @ Pearl - Qatar
Dubai Marina Towers - UAE
21st Century Tower – UAE
ADNOC Ruwais Housing Complex - UAE
Burj Views - UAE
Palm Jumeirah Shorline Apartments - UAE

■ Leisure

YAS Water World - UAE
Aquaventure - UAE
LegoLand - UAE
IMG Theme Park - UAE
Bollywood Parks & Resorts - UAE
Riverland - UAE
Asian Games Village - Oman
Oman Botanic Gardens - Oman

■ Commercial

Dubai Mall - UAE
Vendome Mall - Qatar
Deerfields Town Square -UAE
The Avenues - Kuwait
Bahrain City Centre - Bahrain
Dragon Mart - UAE
Qurum City Centre – Oman
Riyadh Park Mall - Saudi Arabia
Yas Mall – UAE

■ Hospitality

Atlantis the Palm - UAE
Qasr Al Sarab - UAE
Ritz Carlton DIFC - UAE
St Regis Hotel - Qatar
Bab Al Qasr - UAE
Anantara Eastern Mangroves Hotel - UAE
Hyatt Regency - Srilanka
Al Habtoor City - UAE
Shangri-la Barr Al Jissah – Oman
Four Seasons – UAE

Burj Raffles –
Kempinski - Saudi Arabia
W Hotel – Oman
Saraya Bandar Jissah – Oman

■ Healthcare

Ibra Hospital - Oman
Al Sabah Hospital - Kuwait
Psychiatric Hospital (Al Masarrah) – Oman
City hospital - Dubai
King Faisal Specialist Hospital - Saudi Arabia
King Fahad Medical City - Saudi Arabia
Workers Hospital - Qatar
Aster Hospital – UAE
Burjeel Hospital – UAE
Armed Forces Hospital
AL Khud – Oman

■ Educational

Paris Sorbonne University - UAE
Princess Nora University - Saudi Arabia
Zayed University - UAE
Bani Hajer School - Qatar
King Khalid University - Saudi Arabia
Yanbu University - Saudi Arab
Oman College of Science & Technology - Oman



Diamond Walraven is a brand of Hira Walraven