

MIDDLE EAST Earthmoving NORTH EAST AFRICA

Issue 9 | September 2023 Special Edition

The Hitachi Construction Machinery Middle East Corporation FZE Magazine

BX100 SHINRAI **POWER**

• RELIABLE • TRUSTWORTHY • CAPABLE



HITACHI UNVEILS 'SHINRAI' POWER IN MENA

HITACHI MIDDLE EAST LAUNCHES NEW UPDATED WEBSITE

PIONEERING EXCELLENCE WITH HITACHI ELECTRIC MACHINES

HITACHI

Reliable Solutions

OKADA Hydraulic Breaker AI series

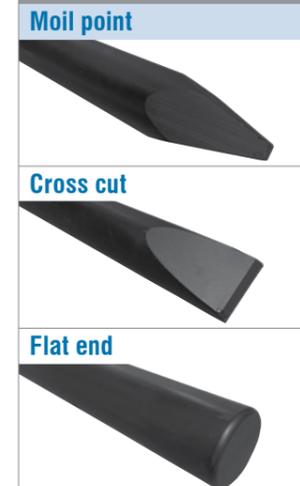
Simple & Powerful

- ✓ Simple box design bracket with Anti-abrasion plate
- ✓ Bigger size of power components

shows the best performance at various sites of quarry, mining, general construction, demolition and more.

Middle Large model line-up

Chisel Option



SPECIFICATION

		AI-150	AI-200	AI-350	AI-550
Working pressure	MPa	15-17	16-18	16-18	16-18
Oil flow consumption	L/min	65-100	97-139	180-240	210-290
Frequency	B.P.M	350-700	350-500	300-450	200-350
Operating weight	kg	894	1810	2428	3661
Overall length	mm	2235	2849	3273	3617
Working tool dia.	mm	100	140	155	175
Carrier machine weight range	ton	10-15	18-26	28-35	40-55
Carrier machine flow range	L/min	80-140	120-180	220-315	280-360

The specifications of breaker are subject to change without notice. These numbers may be varied depending on the operation, machine condition and material.

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JOJO SALAZAR

Deputy GM, Parts Strategy Warehouse

Thank you for the opportunity to introduce myself.

I joined Hitachi Construction Machinery Middle East Corporation FZE (HMEC) in October 2006 when HMEC served as a satellite warehouse of Hitachi Construction Machinery Europe (HCME) to serve the MENA region with just a few initial dealers on board. Today, more than a decade later, I've witnessed big changes in our territory in terms of dealers' expansion, introduction of new machine models, new product lines, number of forklifts and tools for productivity and efficiency, warehouse capacity, parts stock line items of 1,500 to 12,000, and the increase of personnel and dealer parts and service activities.

To meet the needs of the information age, our focus on sustainable logistics led to the implementation of the Warehouse Management System (WMS) and Barcoding system. Incorporating green logistics as part of the supply chain will yield a better productivity and improve efficiency. Adopting WMS is a must in today's environment to facilitate digital warehousing and coordinate shipping and transportation. Our new WMS system provides better inventory control and helps manage spare parts item lines, thereby reducing excess inventory and maximizing location storage space. The digital WMS also enhances pick up of orders and increases accuracy and speeds up day to day operations at the warehouse.

Our goals of adopting green warehousing policies and curbing the carbon footprint have led to the installation of solar panels on the warehouse rooftop that will become self-reliant by producing its own energy and lead to significant savings over time.

A Japanese company, HMEC, in applies and adheres to the principles of the 5S methodology (Sort, Set in Order, Shine, Standardize and Sustain) in its day-to-day operations at the warehouse. This is a systematic way of organizing, cleaning, and sustaining a productive work environment, enabling everyone to perform the task efficiently. It also helps increase productivity for service support and addresses the business expansion needs of customers through reliable Hitachi dealers.

We respond fast, and are at your service, around the clock.

DIESEL TO ELECTRIC CONVERSION

Upgrade your diesel engines to electric



Fernas Construction and HCM join forces to deliver innovative and reliable electric solutions

In the dynamic landscape of construction in Türkiye, innovation holds the key to sustainable growth. At the forefront of this evolution is Fernas Construction Inc., a multifaceted company with a vision that extends beyond building structures.

In an interview, Dursun Yıldız, the Machine Supply Director at Fernas Construction, outlines the transformative journey of the company's partnership with Hitachi Construction Machinery and their pioneering move towards electric-powered construction equipment.

A Diversified Vision

Fernas Construction Inc. is not just a construction company; it's an embodiment of diversified growth, said Dursun Yıldız. Beyond the construction sector, Fernas boasts subsidiaries spanning food, energy, tourism, mining, construction material production, cement, and various other industrial segments. This strategic expansion is encapsulated by the company's commitment to enhancing the region's development in multifaceted ways, he added.

Fueling Progress

A standout project in Fernas's portfolio is

the Tufanbeyli Coal Fired Power Plant. This colossal undertaking demands an annual excavation of 10-12 million cubic meters of earth. With an eye on growth, Fernas remains open to increasing capacity if the power plant's demands warrant such a leap.

Empowering the Fleet

Dursun Yıldız revealed that Fernas's fleet features an array of Hitachi machinery. From excavators ranging from 20 to 90 tons to the ZW220 and ZW310 series wheel loaders, Hitachi's equipment forms the backbone of Fernas's operations, he said. The brand's history of trouble-free operations and exceptional after-sales support through ENKA Pazarlama has further solidified Fernas's trust in Hitachi.

Electrifying Transformation

Explaining Fernas's foray into electric-powered construction machinery, Yıldız noted that the move was fueled by EDM, which has accumulated advanced electrification technology and experience in Turkey. Notably, converting a diesel-powered machine to electric promises reduced maintenance costs, lower fuel consumption, and enhanced overall efficiency.

Operational Excellence and Beyond

The operational benefits of Fernas's electric machinery are noteworthy, he added. Maintenance costs were drastically reduced, while the integration of cable winding devices not only eliminated the need for additional personnel but also fostered a safer work environment.

Feedback from operators and the maintenance team has also been overwhelmingly positive, he said, as it has led to increased uptime, reduced maintenance times, and a seamless adoption of the cable winding system. This resounding success has sparked plans for expanding the fleet of electric machines, he revealed.

A Vision for the Future: Electrifying Potential

Yıldız added that the allure of lower operating costs and minimal maintenance times calls for a shift to electrification, particularly in work environments where electrical infrastructure is accessible.

Through the partnership with HMEC, ENKA and EDM, Fernas has not only shaped the construction landscape but is also setting a remarkable precedent for a future driven by electrification and operational excellence. As Middle East construction continues to evolve, Fernas Construction stands as a beacon of pioneering progress, illuminating the path toward a brighter and more sustainable future.





Hitachi unveils 'Shinrai' power in MENA with launch of BX100 backhoe loader

With the launch of the BX100 backhoe loader in the Middle East, Hitachi Construction Machinery is foraying into a popular machine segment in which it is hopeful of carving a niche for itself with a tried, tested and proven machine.

'Shinrai' is a Japanese word that translates to trust, capability and reliability – all terms that Hitachi customers are familiar with. This is a philosophy that the giant from the Land of the Rising Sun has embodied in the world of construction equipment throughout its history by carving its mark of quality on job sites around the globe and within the hearts and minds of its customers.

The Middle East is no exception to this. In the more than a decade of its direct presence in the region, Hitachi Construction Machinery Middle East Corporation FZE (HMEC) has become the default name for performance, power and productivity on job sites not only in the Middle East but also in the wider surrounding region, such as North and East Africa. This reputation has been

built on Hitachi's prowess in excavators of all sizes, including huge and robust mining excavators and rigid dump trucks, a variety of wheeled loader models, compact earthmoving equipment and even crawler cranes.

Conspicuous by its absence in Hitachi's line-up for the region, however, was that vital tool that the Middle Eastern job-site swears by – the backhoe loader. But no longer. The Japanese giant has now launched the BX100 Shinrai Power backhoe loader, unleashing the same Hitachi expertise and reliability on the very important backhoe loader (BHL) market in the region.

Every market in the world, geographically speaking, has its peculiarities and preferences. Developed markets, such as Europe or Japan, like their mini

excavators and compact loaders; mining-heavy markets of course see greater sales of dumpers and giant excavators. In the same vein, the Middle East is backhoe loader territory, just like its neighbour market - India.

India knows a thing or two about manufacturing backhoe loaders, being the world's largest producer of machines as well as its biggest consumer, with around 50% of global production sold in this one country alone.

While the Middle East does not have India's market numbers – and neither its manufacturing prowess – the versatile



model with a loader at one end and an excavator arm at the other is equally the go-to equipment of choice in our region. This means that any leading manufacturing in the regional market needs to have a popular 'BHL' in its arsenal. And Hitachi's arsenal has received a big boost with the introduction of the BX100 Shinrai Power.

But what made the company take the plunge on the BHL for the region now, something it had not done before? Manabu Arami, President, HMEC, says "now means never too late". "For Hitachi, the backhoe loader is a new product in our line-up for this part of the world. We have selected to offer it here because we, at HMEC, believe that there is a well-defined market, both in terms of specific geographical areas where the backhoe loader is in demand as well as for specific tasks for which it is preferred," Arami explains.

Aiming for a healthy market share

"We have been discussing this product market combination for a while. The backhoe loader is, of course, by no means a completely new product. It has been here for decades, but we feel that we can have a healthy market share. There's enough room for an extra brand in the market, especially if the product is as good as the one we are offering."

Piet Van Bakergem, General Manager, HMEC, adds that the Middle East market continues to grow and Hitachi anticipates that this will go on for a while, as will demand for specific types of equipment associated with that growth.

product stands a sure chance of being successful."

Another reason for Hitachi introducing its BHL is the fact that it always strived to be a complete solutions provider for its customers. Arami explains: "Our dealer network has many loyal customers. Those customers quite often want a one-stop shop for their equipment needs. One of the main reasons for this is that they want more simplicity and uniformity in their parts inventories. And it makes sense for us to offer the BHL, so that when they constitute their fleet with Hitachi excavators, loaders and our other equipment, they do not have to go looking elsewhere for a BHL.

"Having said that, we think customers will be loyal to this new machine of ours when they use it based on its performance itself, and not necessarily only because of brand preference.

"An important feature on our radar for the BHL are equipment owners who have, let's say, 20 pieces of Hitachi equipment. They don't want to go to another manufacturer for just a BHL. We already have a good relationship with the customer, and now we can offer the BHL as well. So, this makes our product line more complete, and encourages one-stop shopping."

Even from the dealers' point of view, Arami adds, the BHL introduction provides greater economies of scale. "Now they have one brand and one parts centre to provide everything correctly. Also, they now have a very popular and in-demand BHL model to approach their customers in the future, giving them an extra line to other customers." Which brings us to the model itself - the Shinrai BX100 – and why it is a popular and in-demand machine in several markets already.

In Van Bakergem's words: "The BX100 has a powerful 99hp engine and a massive 400Nm of torque at only 1,350 rpm. It has a standard 1.1 cubic metre tilt bucket and is built with robustness in mind and has already proven itself to be reliable and capable of withstanding the toughest conditions. It has earned the name: 'Shinrai power', as 'Shinrai' in Japanese can mean qualities such as trust, reliability and confidence – all

of which the BX100 inspires in the end-users."

Explaining the features and advantages of the machine, he further says that the BX100 has three significant advantages: high productivity, low lifecycle cost, and maximum operator comfort through ease of operations and safety.

"The BX100's high productivity comes from its powerful, reliable and fuel-efficient engine, coupled with its world-renowned and proven driveline. It promises low lifecycle costs as it has features such as the best-in-class dump height for easy loading, lower fuel consumption in both loader and backhoe operations, as well as easy and low-cost maintenance for more profit per hour. It's design and build also incorporate capable structures that are built to last a lifetime," Van Bakergem adds.

"When it comes to operator comfort, ease of operations and safety, great attention has been lavished on all these aspects. The cabin has a safe, simple and comfortable cabin and an easy and comprehensive operator console designed for simplicity and functionality while in operation. The cabin is also a wide-view one, which further contributes to safety and easier operation."

Customised and proven in the region

All that being said, the BX100 from Hitachi is a product that is of course not manufactured in the Middle East and was not originally built to be specific to this region either. So, playing the devil's advocate, PMV Middle East points out there may be some skepticism among customers as to its suitability for this region, which is one of the harshest in the world.

Putting such doubts to rest, Van Bakergem explains: "The bottom line is that the machines are made by Hitachi. We have global resources to produce machines and all such resources match the same exacting and demanding Hitachi standards and specifications. If a machine is dressed in our distinctive orange livery and sporting the Hitachi badge, then it is already the most reliable,



robust and productive unit in its category because we take such pride in what we provide to our customers. Where exactly we can produce a machine or order it from for our territory here is based on various criteria and business decisions. But regardless of that, what is common in all Hitachi machines is the same level of quality."

But with each region having its own unique demands – and the Middle East being among the most demanding – how suitable is it for this region to have a product built in another geography? Hitachi has taken utmost care of the suitability aspect of the BX100 by testing it extensively in the harshest conditions that the Middle East can throw at it and modifying and customising the machine to suit this region to the T.

"In the industry, everyone knows where the countries with the harshest conditions are – the Middle East, and specifically Saudi Arabia. We sent the BX100 to all corners of our territory, and KSA was one of them. For months on end, the model was carefully tested, evaluated and proven.

Our engineers followed up on all aspects of its performance and all parameters were evaluated by our expert team who have several decades of experience and expertise. Anything that could be subject to improvement was communicated to production and improved – so, the end product will be available as a 'Reliable Solution', as we like to call it.

"The BX100 is a truly capable machine. This capability is backed by its high-torque-at-low-rpm engine with enough reserve power across its entire spectrum to provide confidence in its capabilities. Add in its spacious cabin with controls that are easy to work with, a fully mechanical drive train, and the lowest operating cost in the market, and this is the BHL you must go for if you're in the market for a BHL," claims Van Bakergem.

Elaborating on a crucial modification that the BX100 underwent for the Middle East region, he reveals that this was the cab air-conditioning. "In this region, air-conditioning is of course a vital feature in any machine because of the super-hot temperatures that we experience here. This is where our testing proved that the BX100 needed an upgrade. To be safe and efficient, operators need a conducive in-cab environment and the right temperature is absolutely necessary. So, the AC unit in the BX100 was upgraded to provide the cooling that is demanded by the high job-site temperatures that we have during most of the year in this region, higher than perhaps any other region.

"The BX100 is more than powerful enough to support an upgraded air-conditioner, and this is one very apparent change that we made to the machine among other minor tweaks to make it suitable for the Middle East."

The HMEC general manager adds that interest in a Hitachi backhoe loader has been high in the region for a while

from both existing and prospective customers. "The accessibility of the product, commercial wise, is attractive in this region. The backhoe loader is a very commonly used multifunctional tool in the Middle East and is essential for fulfilling many tasks such as trenching, pipelaying, earthmoving, loading, maintenance, etc."

After-sales support network ready

Now that the Hitachi BX100 Shinrai Power has been launched in the Middle East, what sort of support for the machine can customers expect? A piece of construction equipment, after all, is only as useful as the uptime that its after-sales support network can provide. However well a model is made, it will have normal wear parts that need replacing in a set time-period. If a customer is left hanging for parts availability or there is paucity of technicians to fit that part, then the illustrious history of the Hitachi brand has no meaning.

"We've been readying for this launch for a while now and all support systems are in place. In fact, that's one of the first things that we do before introducing anything new on the market," Van Bakergem assures.

"We had a dealer launch event sometime back and you will see the product on job-sites in the region before year-end. The BX100 not only provides Hitachi brand quality but also uses our Global e-Service, which provides various data such as on machine operation and technical information, and manuals by Hitachi Construction Machinery. The HMEC warehouse is already prepared to ensure parts availability and we also provide essential training to dealers.

In conclusion, Arami says: "The Hitachi BX100 Shinrai Power brings the same Hitachi quality and excellence to the BHL segment in the region that our customers have trusted us with for decades now. It is a machine that brings new levels of reliability, productivity and peace-of-mind for customers and is ready to live up to the Shinrai name."

Specifications for
Backhoe Loader BX100
(ShinraiPower)



Topcon's 2023 report spotlights the growing significance of machine control technology

Inflation, rising material costs and an enduring skills crisis mean that it is harder and more expensive than ever to run a construction company. But the tide is beginning to turn as contractors who reap the rewards are those who can demonstrate that their capabilities in productivity, sustainability and forward thinking by utilizing machine control technology.

This was revealed in a 2023 report unveiled by Topcon Positioning Group, an industry leading designer, manufacturer and distributor of precision measurement and workflow solutions for the global construction, geospatial and agriculture markets.

Closing the skills gap

Finding the right people is a problem for businesses across the sector, and this is unlikely to change anytime soon. Topcon's new report, The Future of Machine Control, has found that 30% of construction professionals believe skills shortage is one of the biggest challenges they face on their projects. This has serious consequences not just for the pace at which projects progress, but also its impact on the quality of work.

By bridging the gap between efficiency of work and operator experience, machine guidance and control allows less experienced operators to complete complex tasks, without diminishing quality. The machine guidance and control system from Topcon, for example, keeps the bucket on-grade on flat, vertical and 3D surfaces, allowing operators to work quickly and accurately with intuitive controls and real-time bucket tracking. And the industry is confident that automation will help to address the skills gap – 77% of people surveyed in the report agree that machine control will be



instrumental in attracting the best talent in the industry.

Building green

Sustainability has firmly made its way onto job sites, as stakeholders across the board seek to reduce their environmental impact and hit emissions targets. In this context, efficiency is under the microscope as contractors seek to cut down on unnecessary rework and material wastage. According to the newly published report, 30% of respondents highlighted hitting sustainability targets as one of the main challenges they face on projects, and regulations are only set to tighten with net zero deadlines approaching fast, in 2050 and 2060 in the UAE and Saudi Arabia respectively. Machine guidance and control system is therefore crucial to not only increasing accuracy and eliminating rework but will also help contractors reduce their emissions without having to overhaul their operations in a difficult market.

A new benchmark

The landmark projects behind much of the construction boom in the Middle East have a digital-first approach to construction as one of their defining qualities. In the Topcon report, seven out of 10 respondents agreed that the inclusion of machine control had been a deciding factor in recent tender applications.

Finally, Topcon machine control technology can help construction companies in The Middle East and East Africa navigate existing challenges and build a brighter future.

<https://www.topconpositioning.com/future-machine-control-2023-report>



Chart: Screenshot from Yellow Door Energy's Sustainable Energy Asset Management System (SEAMS) software shows the date from which the solar plant starts producing electricity, along with the level of solar irradiance (or power per unit area received from the Sun) at the facility.

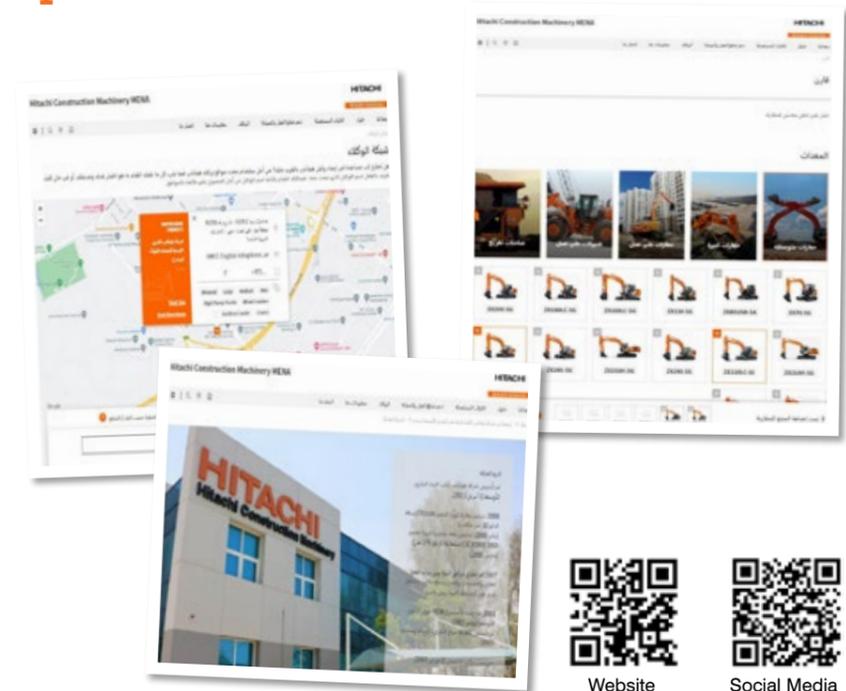
HMEC adopts clean energy solutions to drive sustainable vision

In line with the vision of the Hitachi Construction Machinery Group in contributing to a safe and sustainable society, Hitachi Construction Machinery Middle East Corporation FZE (HMEC) is generating clean electricity from solar power for the company's operations. The

idea was initiated in 2021 but faced delays following pandemic-related disruptions and due to issues with a solar systems provider.

Equipped with new energy and vigor, HMEC has revitalized the solar initiative by onboarding a new solar developer:

Hitachi Middle East launches new updated website



Yellow Door Energy. The two sides signed the Agreement for Solar Power Generation Equipment Leasing and Operation after the success of its initial meetings and detailed discussions.

Under the agreement and with the adoption of solar power, HMEC will save money on electricity costs, reduce carbon emissions, and help contribute to the UAE's Clean Energy Strategy 2050 and UAE's Net Zero by 2050 initiative.

Construction of the solar plant, which commenced in November 2022 to April 2023. The solar power plant was officially commissioned on May 16, 2023, and has since been generating clean electricity for the HMEC facility. The rooftop solar power plant will produce 210,000 kilowatt-hours of clean energy in the first year of operation, equivalent to reducing carbon emissions by 150 metric tons. 230 solar panels have been installed on the roof, meeting the 85% majority of the facility's energy consumption needs.

As part of the sustainable vision of HMEC, LED lighting has been fitted across the office while the warehouse uses three electric forklifts.

Hitachi Construction Machinery Middle East Corporation FZE (HMEC) has unveiled its newly updated website that went online on September 1, 2023. Visitors will now be able to explore the full product portfolio of goods, services, and solutions HMEC provides in a more user-friendly manner with improved navigation and functionality.

The English-Arabic website was redeveloped with a focus on products line up and downloadable brochure. Visitors can also compare product specifications onsite.

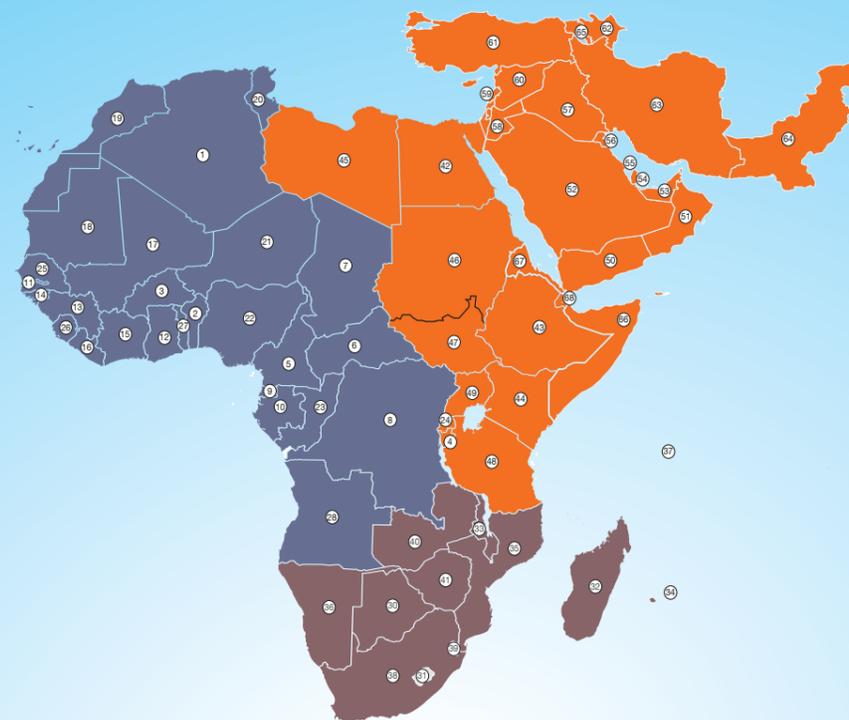
The new website features one change on the homepage address: <https://www.hitachicm.com/ae>

HMEC will continuously improve the content and upload the latest information to enhance and raise awareness of the brand and its activities.

Middle East and Africa Distribution Network

HITACHI

Reliable Solutions



Hitachi Construction Machinery (Europe) NV

- 1 ALGERIA
- 2 BENIN
- 3 BURKINA FASO
- 5 CAMEROON
- 6 CENTRAL AFRICAN REPUBLIC
- 7 CHAD
- 8 DEMOCRATIC REPUBLIC OF CONGO
- 9 EQUATORIAL GUINEA
- 10 GABON
- 11 GAMBIA
- 12 GHANA
- 13 GUINEA
- 14 GUINEA-BISSAU
- 15 IVORY COAST
- 16 LIBERIA
- 17 MALI
- 18 MAURITANIA
- 19 MOROCCO
- 20 TUNISIA
- 21 NIGER
- 22 NIGERIA
- 23 REPUBLIC OF CONGO
- 25 SENEGAL
- 26 SIERRA LEONE
- 27 TOGO
- 28 ANGOLA

Hitachi Construction Machinery Middle East Corporation FZE

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- 45 LIBYA
- 46 SUDAN
- 47 SOUTH SUDAN
- 48 TANZANIA
- 49 UGANDA
- 61 TURKEY
- 62 AZERBAIJAN
- 63 IRAN
- 64 PAKISTAN
- 66 SOMALI LAND / SOMALIA
- 67 ERITREA
- 68 DJIBOUTI
- 4 BURUNDI
- 24 RWANDA
- 50 YEMEN
- 51 OMAN
- 52 SAUDI ARABIA
- 53 UNITED ARAB EMIRATES
- 54 QATAR
- 55 BAHRAIN
- 56 KUWAIT
- 57 IRAQ
- 58 JORDAN
- 59 LEBANON
- 60 SYRIA
- 65 GEORGIA
- 30 BOTSWANA
- 31 LESOTHO
- 32 MADAGASCAR
- 33 MALAWI
- 34 MAURITIUS
- 35 MOZAMBIQUE
- 36 NAMIBIA
- 37 SEYCHELLES
- 38 SOUTH AFRICA
- 39 SWAZILAND
- 40 ZAMBIA
- 41 ZIMBABWE

Hitachi Construction Machinery Africa (Pty) Ltd.

Dealer Locator

AZERBAIJAN - ENKA Pazarlama Ihracat Ithalat A.S.
Tel: 0090 216 446 64 64 / 0090216 446 72 19
<http://www.enka.com.tr>

BAHRAIN - Yusuf Bin Ahmed Kanoo WLL
Tel: 00973 177 38200, <http://www.ybakanoo.com>

BURUNDI - Hitachi Construction Machinery Middle East Corporation FZE
Tel: 00971 4 883 3352, <https://www.hitachicm.com/ae>

EGYPT - Orascom Services
Tel: 0020233452510, <http://orascom-trading.com>

ETHIOPIA - Hagbes Pvt. Ltd. Co. (HCM Products)
Tel: 00251 11 663 8647 / 9191, <http://www.hagbes.com>

IRAQ - Savanna Group
Tel: 00964 7400 215 577, <http://savanna.com>

IRAQ - CIHAN Motors Automotive Trading Co., Ltd., Kurdistan, Tel: +964750 587 1212
<https://cihanmotors.com/>

IRAQ - NTAC- Al Nuwaira Trading Agencies Company, The Republic of Iraq.
Tel: +9647901190032, <https://al-nuwaira.com/>

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KENYA, TANZANIA, UGANDA - Rock Plant Ltd.
Tel: +254713544319, +254716900900
<https://rock-plant.com>

KUWAIT - Boodai Trading Company Ltd. WLL
Tel: 00965 248 43986 / 00965 248 41314
<http://www.boodaitrading.com>

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Tel: 00971 4 883 3352, <https://www.hitachicm.com/ae>

OMAN - Al Fairuz Trading & Contracting Company LLC
Tel: 00968 2 461 48 62 / 00968 2 461 48 50
<http://www.alfairuzoman.com>

PAKISTAN - Modern Motors (Pvt) Ltd.
Beaumont Road, Karachi, Tel +92 21 35680347, 35680544, <http://www.mml.com.pk>

QATAR - Arabian Supply Center (ASC)
Tel: 00974 44580623 / 00974 44580635
<http://www.asc.com.qa>

RWANDA - Hitachi Construction Machinery Middle East Corporation FZE
Tel: 00971 4 883 3352, <https://www.hitachicm.com/ae>

SAUDI ARABIA - Arabian Trucks & Construction Equipment Co. (ATEC),
Tel: +966 114477748, Mob: +966 506620348,
<https://www.atec.com.sa>

SUDAN - TARA International Co., Ltd.
Tel: 00249 185 339524 / 00249 155 154408
<http://www.tara.sd>

SOUTH SUDAN - Ammars Company Limited
Tel: +211 920 699 444, www.ammarsgroup.com/

TURKEY - ENKA Pazarlama Ihracat Ithalat A.S.
Tel: 0090 216 446 64 64 / 0090216 446 72 19
<http://www.enka.com.tr>

YEMEN - Hitachi Construction Machinery Middle East Corporation FZE
Tel: 00971 4 883 3352, <https://www.hitachicm.com/ae>

UNITED ARAB EMIRATES - Middle East Crane Equipment Trading LLC,
Tel: 00971 2 681 5555, <http://www.mecetrading.com>

UNITED ARAB EMIRATES - Hitachi Construction Machinery Middle East Corporation FZE
Tel: 00971 4 883 3352, <https://www.hitachicm.com/ae>

HITACHI



EXCAVATORS