

Emirates Horizon

Company Profile



Company introduction

- Established in 2007 as a general trading company in Dubai, U.A.E.
- Key supplier to the oil and gas industry as well as oil and petrochemicals trading.
- Complete solution for Oil & gas pipe leak detection and repair.
- Intrusion Detection of Perimeter Fence and supply high quality residential and commercial fences.
- Offers security and defense solutions.
- Established aviation sector -Offers charter, commercial aircraft, special mission aircraft and aviation consultancy services providing leading edge aviation technical and business solutions, designed to maximize the efficiency & effectiveness of your operations
- Offers armored vehicles.
- Company has constantly experienced growth; with offices in Egypt, Russia & U.K, South Sudan.
- Qualified and passionate management and staff alongside experienced and skilled engineers
- Established couple of companies – Royal Agencies & Royal M.
- Sister company IMUT Group

Integrated Security System & pipeline leak detection– Fibre Optical



- HAWK is the global market leader in innovative **Fibre Optic Sensing**, Level Pressure, Flow measurement and positioning solutions
- HAWK has been developing solutions and manufacturing the equipment and packages based on different technologies such as Laser, Acoustic Wave, Ultrasonic, Microwave and Radar.
- Real time 24X7 Monitoring , Intrusion Detection of Perimeter Fence for Data Centers, Substations ,Industrial, Domestic Security and for Military & Defense- Cross Country Borders
- Hawk Fibre Optic Sensing - Real time 24X7 Monitoring of Pipeline with Leak & Intrusion Detection

Fences



- **Residential:** A fence defines boundaries and also serves as protection for you and your family, but it doesn't have to be an eyesore.
- **Commercial:** keep your facility secure and safe. Protect your investment.
- **Industrial:** industrial clients including plants, prisons and schools.



Artificial Grass

- From 0.7cm to 5cm
- No maintenance
- No grass stains
- Cost effective
- Eco friendly





Technology provider

- Trimble is transforming the way the world works by delivering products and services that connect the physical and digital worlds.
- Trimble core technologies in positioning, modeling, connectivity and data analytics enable customers to improve productivity, quality, safety and sustainability. Trimble software, hardware and services are transforming industries such as agriculture, construction, geospatial and transportation and logistics.
- Sitech leverage Trimble and Caterpillar machine control systems for entire fleet of heavy equipment along with Trimble's complete portfolio of Connected Site Solutions: Site Positioning Systems, Construction Asset Management Services, Construction Software, Crane Safety and Lifting Solutions, and powerful wireless and internet-based infrastructures

Aviation Solutions & Consultancy

- Provide Different Technical Services Covering A Wide Variety In Aircraft Management Fields For Different Types Including Consultancy, Skilled Manpower And Material Sourcing.

Provide Continuous Airworthiness Services (CAMO) Services In Adherence To EASA, FAA And Local CAA through multilingual global team.

Provide Major Asset Management And Major Projects Complete Support.

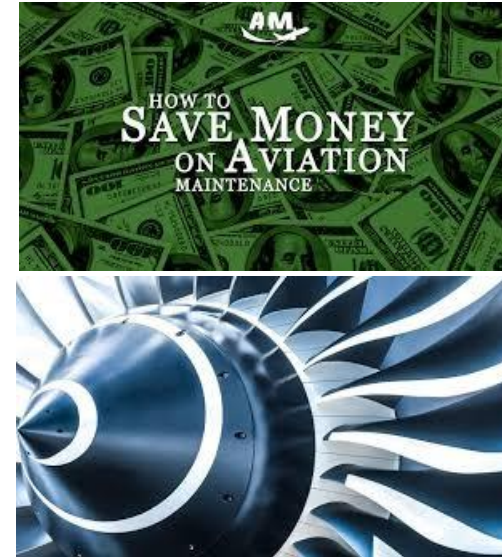
- Ensures delivery of your request through the EHA right on time and having efficient Fleet Management Services, safe, compliant and lean technical management solution



Aviation Services

Aircraft Appraisal and Experts' Report

- Aircraft Value Report – New and Pre-Owned Aircraft Appraisals:
- Conducted by our experienced (NAAA Members National Aircraft Appraisers Association), certified engineers and technicians. These reports are carried out through an accurate examination of the market and technical rules. The service consists of a technical evaluation of aircraft, engines or components anywhere in the World, prepared and based on Aircraft inspection and/or on its technical documentation. It allows to determine the current value and the future devaluation of the Aircraft, based on international market research and can include accurate technical inspections, accompanied by a complete photographic documentation, a careful examination of the maintenance and documentation status and verification of title validity.



Aviation Services

Aircraft Brokerage Services

- Our team is expert in aircraft sales and acquisition, and we will take care of every aspect if required or partial assistance, saving your time and hassle. We pursue the right buyer for your aircraft and the highest market price. Our staff provides support all over the World during the purchase and handover process for new and second-hand aircraft. We will re-market your aircraft at the real aircraft value. Our marketing team has expert sale agents with international aviation regulation knowledge. We have the network of international investors, financial institutions, aircraft operators and lessors & private owners. We Also are experts in marketing your old fleet global wide (Africa, Asia, South America, ...etc)



Aviation Services

Aircraft Dismantling & Tear Down

- Our team experience offers disassembly, dismantling, service for any type of aircraft worldwide. The service includes but not limited to:
- Budgetary cost, Inventory and evaluation of removable components, parts re-marketing,
- Aircraft Disassemble (Part Out) including Removal of valuable parts, Components checking, testing & repair with certification, Packing, Storage areas.
- Aircraft Dismantling including the tear down of the remaining unit & Disposal of the non-recyclable waste and.
- Parking areas rates.



Aviation Services

Aircraft Interior Management

- Aircraft interiors are the address of any kind of operator and completion is one of the most complex and challenging endeavors in aviation. Varying from VIP aircraft interiors to wide body operators' vision to reality, our expertise in managing these projects with our network including wide array of designers, engineers and suppliers come together to create the final product providing the ultimate experience, and our knowledge of the industry allows us to oversee the project and articulate your vision. We take high consideration of the economic factors into account. This, combined with our expertise in both the EASA and FAA certification processes and our attention to both technical and aesthetic elements, ensures outstanding results.



Aviation Services

Consulting

- We take the time to understand your needs and put together cost-effective, tailored solutions. Our team of highly skilled engineers and consultants are capable to provide a full range of services for owners and operators worldwide. Whether you're looking for a solution to support your engineering department during peak periods, an experienced engineer to supervise a maintenance check, preparation of a maintenance program, assistance with import / export or a registration change process.



**BUSINESS
ADVICE**



Aviation Services

Continuing Airworthiness Management (CAMO)

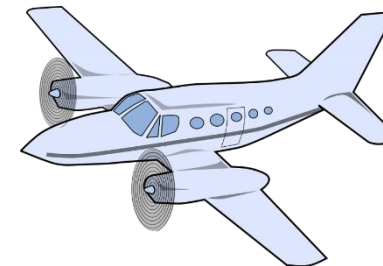
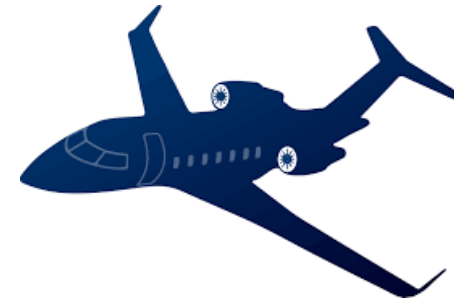
- We are committed to ensure the optimization and cost effectiveness of your maintenance operations while maintaining your fleet safety & reliability at the highest levels. Our engineering support includes a wide range of services.
- We ensure applying the industry standards & regulations on the following operations to ensure the airworthiness of your flying vehicle:
- Aircraft Operations, Aircraft Modifications, Aircraft maintenance Programs, Application of the corrective and preventive maintenance after applying Aircraft Modification, Adherence of the aircraft records to the required industry standards



Aviation Services

Aircraft Buyers / Sellers

- Aircraft acquisitions can be challenging. To appreciate the real value of the asset, you have to dig under the shiny paint. We have the knowledge and experience to assess the true value of airplanes and helicopters (Civil & Military) making sure the actual condition corresponds with the price tag.
- However; selling an aircraft presents different issues. You want to ensure it is sold for right price and that your return on investment is met. Sky On Time will prepare your aircraft for sale in a way that mitigates the risk of a buyer questioning its value. We remain at your side throughout the sale process, representing your interests and making sure you get the right value for your aircraft or helicopter.



Armored Vehicles



- International Marathon United Technologies Group (IMUT): armored vehicles manufacturer
- Provide a new generation of combat vehicles with integrated mission systems, offering pioneering design to suit modern battlefield.
- Provide an unrivaled range of vehicles. These vehicles present specialized mission equipment, easy maintenance, low cost solutions, localization, complete training and logistic packages.

ST-100 PORTFOLIO



Vehicle Family



Loader LD900



Engine

Diesel Engine Design	Cummins QSM 11 "Common Rail" with direct fuel injection and electronic control
No of Cylinders	6
Piston Displacement	10.8
Fuel Sytem	Celect Electronic
Maximum Gross Output Power @ 2100 rpm	250/335 KW/HP
Maximum Net Output Power @ 1400 rpm	245/329 KW/HP
Maximum Net Torque @ 1400 rpm	1647 N.m
Aspiration	Turbocharged and Charge Air Cooled
Air Cleaner	Fleetguard double filter
Cooling	Reversivble and Proportional Hydraulic Fan Motor
Starter	24v/7.5 KW

Electrical System

Power	2 * Batteries 12v 100 Ah
Alternator	24v / 75A
Working Lights	4 at the front and 4 at the back
Driving Lights	Low and High Beams
Tail Lights	Turn signals, stop and reversing

Hydraulic System

Design	Load Sensing, Closed Center Circuit
Implement Pump	Variable Piston Pump 145cc
Steering Pump	Variable Piston Pump 105cc
Brake Pump	Variable Piston Pump 10cc
Cooling Pump	Variable Piston Pump 28cc
Max Pressure	320 bar
Max Flow	340/m
Steering Time	3.0 sec
Loading Cycle for 290 l/m @ 2000 RPM	
Lifting	10.0 sec
Lowering	6.0 sec
Dump	2.5 sec
Rackback	3.5 sec
Remote Control	Electro Hydraulic Control

Transmission

Transmission Type	4WG260
Torque Converter	W 370
Forward 1	6.76 Km/hr
Forward 2	11.65 Km/hr
Forward 3	25.69 Km/hr
Forward 4	38.91 Km/hr
Reverse 1	6.76 Km/hr
Reverse 2	11.65 Km/hr
Reverse 3	25.69 Km/hr
Maximum Traction	233 KN



Dimensions

Length	9000 mm
Width	3200 mm
Height	3.5 m
Weight	26 500 kg
Bucket	5 m ³

Smart Parking






MULTI LEVEL PARKING

Our multi-level parking is the optimum solution for the continuous increase in cars' numbers as it results in maximum space utilization as multiple cars can be parked in the same space. It also comes with lower maintenance, operational, and construction costs.

Also can be used in advertising with total of 144 m / unit ; front and back : 3m x 12m, sides: 6 x 6m. This space can be increased by increasing the number of units.

CONTACT US

+201555578880

STCE-IMUT Building , KM3 Cairo Belbels Desert Rd. El Salam City Cairo. Egypt .



www.emirateshorizon.com

COMPONENTS OF THE MULTILEVEL PARKING

No.	Names	Materials
1	Column	H steel 200x150x6x9
	Two-layer front and rear beams	H steel 300x150x6.5x9
	Three-layer front and rear beams	H steel 250x125x6x9
	Stringer	H steel 250x125x6x9
	Front and rear lever	Angle steel 75x75x5
2	Motor	Ming Hao / Zhong Yi / Wan Fa (Yong Yuan) / Dong Li / Wansun / Teguoqi / Nantes
	Sprocket	45
	Lift motor chain	16A-2
	Cycle, lift chain	20A-16A
	Lifting drive shaft	Round steel 45#φ55
	Bearing	UCFU210
	Guide wheel	45
	Fall arrester	Electromagnetic fall arrester
	Side beam	Steel plate 6=3mm
	Connecting beam	Square tube F50x4
3	Upper and middle load plates	
	Under-slab reinforcement beam	Channel steel 50x37x4.5x7
	Wheel bar	Round tube φ48x3.5
	Car board	Corrugated board 6=2mm
4	Traverse vehicle	
	Wheel	45
	Roller shaft	45
	Bearing	UCFL205. 6005
	Sprocket	45
	Chain	08A-1
	Side beam	Steel plate 6=3mm
	Under-slab reinforcement beam	Channel steel 50x37x4.5x7
	Conductive tube bracket	φ32x2.5
	Wheel bar	Round tube φ48x3.5
	Car board	Corrugated board 6=2mm



SPECIFICATIONS

No.	Name	Description
1	Car Type	D
2	Car Size	Width(mm) ≤5000
		Width(mm) ≤5000
		Height(mm) ≤1550
3	Car Weight (kg)	≤2000
4	Speed	Lifting (m/min) 4.8
		Traverse (m/min) 9
5	Motor Power	2.2stereo garage (dedicated motor)
		0.2stereo garage (dedicated motor)
6	Drive Mode	Motor + chain drive, locked in place
		Lifting
7	control method	PLC control
8	Operation method	Press Button (or swipe card)
9	Outbound storage	Reverse/forward to enter
10	power supply	3 phase 5 wire : AC380V/50Hz

SAFETY FACTORS

No.	Function
1	Emergency stop function
2	Control system protection
3	Static fall prevention function
4	Power off self-locking protection
5	Sound and light warning function
6	Overvoltage protection
7	Under voltage protection
8	Wrong phase protection
9	Automatic fault alarm and display function
10	Motor overheat protection
11	Overpass protection
12	Timeout protection
13	Control interlock function
14	Car accident detection function
15	Ultra long detection function
16	Blocking function
17	Operation note reminder function



Surgical Mask





With new technologies and market changes Emirates Horizon Investments is continually seeking to be more ambitious and active with acquiring new clients.

We are proud to support our clients at highest customer services level and at highest product quality.





Egypt Branch

Martial passage, El-Nahda,

Al Salam First, Cairo, Egypt, 2nd Gate.

Sunday – Thursday: 9:00–17:00

www.emirateshorizon.com

Social Media Pages:

