



TAKE OFF UNITED TRADING SPC

As a leading supplier based in the Sultanate of Oman, we attribute our reputation to the exceptional products, services, pricing and commitment. Contact us today to learn how we can be of service to you.





Take Off United Trading

WE PROVIDE THE BEST PRODUCTS & SERVICES

- ELECTROMECHANICAL PARTS
- TESTING EQUIPMENT
- ELECTRICAL CABLES & ACCESSORIES (MV,HV)
- ELECTRICAL CABLES (LV)
- INTEGRATED SYSTEMS SOLUTIONS (ISS)
- AUTOMATION & SMART SOLUTIONS
- FIRE SUPPRESSION SYSTEMS
- AUTOMOTIVE LUBRICANTS



ELECTROMECHANICAL PARTS

Take Off United is your go-to resource for more than just OEM Replacement Parts. We also provide a full complement of LV, MV and HV Overhead line components and parts, including drive units, take-ups, corners, chain assemblies, track sections, elevations and shackles.

Our team is committed to providing you with the attention you deserve, and the quality spare parts you expect.

We also provide various hardware fittings, steel structures, steel lattice and towers

Jointing equipment for substations and switchyards

- connectors
- conductor supports
- tube busbars
- spacers for bundled conductors
- Lighting and Reflector Pylons
- lighting of roadways and tunnels
- protective barriers, road signs and noise protection on roadways underground and submarine electrical power and PTT cables

TESTING EQUIPMENT

All type of testing equipment and tools for challenging times, We help our clients to accelerate life sciences research, solve complex analytical challenges and improve industrial processes using the latest technologies.



ELECTROMECHANICAL PARTS

DRIVES

- LOW VOLTAGE AC VARIABLE SPEED DRIVES
- 0.75 KW TO 2,000 KW FOR 230 V - 400 V- 690 V
- LOW VOLTAGE DC VARIABLE SPEED DRIVES
- 9KW TO 1,200 KW FOR 400V- 660V
- MEDIUM VOLTAGE AC VARIABLE SPEED DRIVES
- 1,000KW TO 3,000 KW FOR 3 KV- 6.6 KV- 11 KV

SOFT STARTER

- LOW VOLTAGE SOFT STARTER
- 5.5 KW TO 1,500 KW FOR 400 V- 690 V
- MEDIUM VOLTAGE SOFT STARTER
- 1,000KW TO 3,000 KW FOR 3 KV- 6.6 KV- 11 KV

GEARED MOTOR & GEAR BOXES

- INDUSTRIAL GEAR MOTOR FROM 0.12 UP TO 2700 KW
- RATIO: FROM 1/2.5 TO 1/12500
- BEVEL, WORM AND HELICAL GEARS GEAR BOXES

TRANSFORMERS

- CAST RESIN AND OIL TRANSFORMERS
- CAST RESIN - 100 KVA TO 2500 KVA
- OIL TRANSFORMER - 630 KVA TO 12000 KVA





ELECTROMECHANICAL PARTS

GENERATORS

- GENERATORS FOR ALL APPLICATIONS (GAS AND STEAM TURBINE)
- 2 MVA UP TO 70 MVA FOR 3 KV UP TO 11 KV
- ALL TYPES OF PROTECTION AND COOLING SYSTEMS
-
- LOW VOLTAGE DC VARIABLE SPEED DRIVES
- 9KW TO 1,200 KW FOR 400V- 660V
-
- MEDIUM VOLTAGE AC VARIABLE SPEED DRIVES
- 1,000KW TO 3,000 KW FOR 3 KV- 6.6 KV- 11 KV





ELECTROMECHANICAL PARTS (MOTORS)

LOW VOLTAGE MOTORS - SQUIRREL CAGE INDUCTION MOTORS

- 0.06 kW to 1000 kW for 230 V - 400 V- 690 V
- Frame Sizes 56 up to 450
- Temperature class F used acc. to class B

EXPLOSION PROOF MOTORS

- Ex d II B T4 Flameproof
- Ex e II T3 Increased safety
- Ex nA II T3 Non-sparking
- 0.12 Kw to 1000 Kw for 400V - 690V
- Frame Sizes 63 up to 450

MEDIUM AND HIGH VOLTAGE MOTORS

- 110 kW Up to 8000 kW with all types of cooling systems
- For 3 KV - 3.3 KV - 6 KV - 6.6 KV - 10 KV - 11 KV

DIRECT CURRENT MOTOR - DC MOTORS

- For Low , Medium and High Voltage.
- For all applications (Cement - Metal - Rolling Mill... Etc)

SLIP-RING MOTOR

SUPPLY LOW VOLTAGE SLIP-RING INDUCTION MOTORS

- 4 kW Up to 800 kW with IC 411 cooling standard
- For 230 V - 400V - 690V

SUPPLY MEDIUM & HIGH VOLTAGE SLIP-RING INDUCTION MOTORS

- 200 kW Up to 6000 kW with IC 611 cooling standard
- Frame Sizes 315 up to 900
- For 3 KV - 3.3 KV - 6 KV - 6.6 KV - 10 KV - 11 KV





ELECTROMECHANICAL PARTS

THRUSTERS

- ELECTRO HYDRAULIC THRUSTER
- IP65, CLASS F, WITH OIL FOR AMBIENT TEMPERATURE FROM - 20°C TO + 55°C

CLUTCHES & BRAKES

- ELECTROMAGNETIC
- HYDRAULIC
- PNEUMATIC
- ELECTRICAL



GATE VALVES

SLUICE VALVE - OPENS BY LIFTING A ROUND OR RECTANGULAR GATE/WEDGE OUT OF THE PATH OF THE FLUID

- DN100 TO DN1200
- WORKING PRESSURE UP TO 16 BAR
- WORKING TEMPERATURE UP TO 250°C

GLOBE VALVES

GLOBE VALVE IS A TYPE OF VALVE USED FOR REGULATING FLOW IN A PIPELINE, CONSISTING OF A MOVABLE DISK-TYPE ELEMENT AND A STATIONARY RING SEAT IN A GENERALLY SPHERICAL BODY

- DN25 TO DN750
- WORKING PRESSURE UP TO 16 BAR
- WORKING TEMPERATURE UP TO 250°C

BUTTERFLY VALVES

BUTTERFLY VALVES ARE GENERALLY FAVORED BECAUSE THEY ARE LOWER IN COST TO OTHER VALVE DESIGNS AS WELL AS BEING LIGHTER IN WEIGHT, MEANING LESS SUPPORT IS REQUIRED

- DN100 TO DN4000
- WORKING PRESSURE UP TO 40 BAR
- WORKING TEMPERATURE FROM -20°C UP TO 160°C





ELECTRICAL CABLES & ACCESSORIES (MV,HV)

OVERHEAD CABLE

- QUADRUPLEX SERVICE DROP WIRE
- AERIAL BUNDLED CABLE WITH IEC NFC STANDARD
- ABC OVERHEAD CABLE
- AAC AAAC ACSR ALUMINUM OVERHEAD CONDUCTOR
- HTLS CONDUCTOR PRODUCTS - ALUMINUM CONDUCTOR STEEL - GAP TYPE CONDUCTOR-GTACSR - GZTACSR (GAP INCREASES - ACCC (CARBON FIBER COMPOSITE))
- XLPE INSULATION SAC ABC CABLE
- DUPLEX SERVICE DROP WIRE
- OVERHEAD AERIAL BUNDLED CABLE
- ABC CABLE
- BARE CONDUCTOR ACSR
- AAAC CONDUCTOR, ALL ALUMINUM ALLOY CONDUCTOR
- SPECIAL CABLES: FIRE RESISTANT & FIRE ALARM CABLES & FIRE RETARDANT

CABLE ACCESSORIES

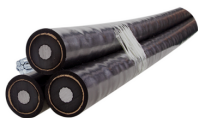
- POLYMER INSULATORS
- POST TYPE PORCELAIN INSULATOR
- HEAT SHRINK TERMINATIONS AND JOINTS
- COLD SHRINK TERMINATIONS AND JOINTS
- TYPES OF COPPER TERMINAL LUGS AND ALUMINUM TERMINAL LUGS





ELECTRICAL CABLES (LV)

- Medium High Voltage Power Cable MV HV
- XLPE Insulated Armored High Voltage Power Cables
- Armored Power Cable
- XLPE Power Cable
- Cu(AL) / XLPE / SWA(STA) / PVC Power Cable
- Copper Conductor Low Voltage Power Cable/ XLPE
- NYBY Cable
- Nylon Jacket THHN cable
- 12/20KV N2XSY Cable
- N2XSY cable
- NYY cable
- LSZH Sheath Power Cable
- Aluminum-Copper Conductor Low Power Cable
- Aluminum Conductor Power Cable ABC AAC ACSR
- Power Cable Multi Core (1 core, 2 core, 3 core, etc.)





INTEGRATED SYSTEMS SOLUTIONS (ISS)

ISS was established by a team of skilled consultants and today holds the reputation of being one of the leading systems integrators and technology solutions providers in the United Arab Emirates.

Since its inception, ISS functions with the following objectives:

Forging long-term client relationships built on quality service and mutual trust

- Upgrading and keeping pace with the ever-changing technologies
- Building on ISS's strategic alliances with international brands, and offering extraordinary after-sales services and technical support

At ISS, it is a partnership that we build with our customers, taking care of their business IT requirements, ensuring that a comfortable working relationship is in place and offering by way of our products, services and solutions that something extra which will differentiate us from the rest and give us a distinctive competitive edge.

In order to achieve this it is vital for us to exceed expectations, with seamless attention to the quality of our delivery and with excellence and professionalism as the final products.

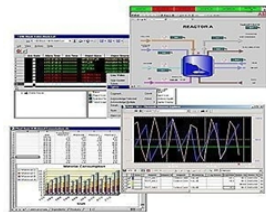
Through maintaining the highest quality standards, we are on an interesting journey towards becoming leaders in the IT industry, walking hand in hand with Our Clients, growing alongside our customers.



AUTOMATION & SMART SOLUTIONS

Take Off United provides variety of automation products and solutions for every industries. We are system integrators for automation products like PLC's, SCADA, DCS, Drives etc. process Automation involves simultaneous use of computer technology and software Engineering to help power plants and factories in industries such as paper mining and cement operations more efficiently and process automation considerably simplifies this using sensors—collect data, temperatures, pressures, flows and so on. Information stored and analyzed in computer and the entire plant, including individual machinery can be monitored through a giant screen in monitor room.

We supply Turnkey solutions to a wide spectrum—industrial Processing and factory automation solutions. Our solutions are based upon knowledge and experience of professionals, accrued through myriads of automation projects solutions span all phases, starting with concept designing, manufacturing, programming and testing to customer training and commissioning





FIRE SUPPRESSION SYSTEMS - PRESSURIZED WITH TUBE DETECTION / DISTRIBUTION

APPLICATIONS

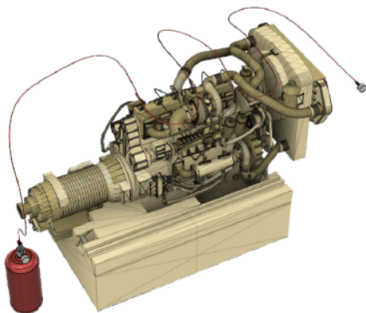
Pressurized fire suppression system suitable for applications such as buses, coaches, power generators, cars & suv.

OPERATION

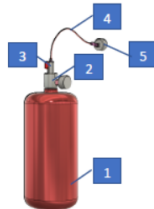
The fire suppression system operates without electricity and has a 30 bar pressurized agent tank and pressurized detection & distribution tube. When the temperature inside the engine compartment has reached 120 degrees the tube will burst and deploy the liquid from the hole in the tube. At the end of the tube there is a pressure gauge to monitor the pressure in the system and by disconnecting the pressure gauge it is also easy to top up pressure if the pressure is less than the recommended range. The ball valve ensures safe transport and can be used to de-activate the system during engine maintenance.

SERVICE

Pressure should be checked every 3 months and adjusted if needed, to ensure safe operations.



1. Agent tank 3, 6- or 9-liter capacity
2. Fire suppression valve
3. Ball valve
4. Detection / Distribution tube
5. Pressure gauge





Take Off United Trading

AUTOMOTIVE LUBRICANTS

PETROL ENGINE OILS

Fully Synthetic - Texol Ultra Max
Semi Synthetic - Texol Ultra S
Multigrade - Texol Ultra X
Monograde - Texol Ultra

DIESEL ENGINE OILS

Fully Synthetic - Texol Super Duty Max
Semi Synthetic - Texol Super Duty S
Multigrade - Texol Super Duty Plus
Monograde - Texol Super Duty

MOTORCYCLE OILS

4T Synthetic Oils
4T Mineral Oils
2 Stroke Outboard Oils

CNG Oils

SAE 20W50 API SL/CF
SAE 20W50 API SG/CD

AUTOMATIC TRANSMISSION FLUIDS

Synthetic
Mineral

GEAR OILS

SYNTHETIC
MULTIGRADE
MONOGRADE

COOLANTS

BRAKE FLUIDS

GREASES





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