COMPANY PROFILE



MAGIC FOR ENGINEERING WORKS

IGNITING PROGRESS,
ILLUMINATING FEATURES



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ABOUT US

Since our establishment in 1996, we have harnessed over three decades of expertise to become a leading force in the power generation industry. Operating from manufacturing hubs in the United Kingdom, Italy, Turkey, Lebanon, and Egypt,

we take pride in delivering excellence worldwide.

Specializing in supplying, installing and maintaining diesel generator sets ranging from 9 to 3000kVA, lighting towers, sound proof canopies, our commitment extends beyond standard solutions.

At Magic for Engineering Works, customization is our forte. Tailoring generator sets to your exact specifications is our promise, ensuring that your unique requirements are not just met but exceeded.

Our capabilities extend to a diverse range of projects, from synchronization to MV/HV endeavors and other hybrid solutions. When it comes to powering your success, Magic for Engineering Works is your dedicated partner in innovation and reliability starting from design to implementation



OPEN TYPE SETS

- **Versatile Power Solutions:** Explore our range of open-type generator sets, offering a flexible power solution tailored to your needs.
- **Power Across the Spectrum:** With a diverse range spanning from 9 to 3000kVA, our open-type sets are suitable for various applications, ensuring a seamless fit for your power requirements.
- **Robust Construction:** Built on a sturdy skid base crafted from high-quality steel, our open-type sets are engineered for durability and longevity.
- Advanced Vibration Management: Equipped with top-notch Anti-Vibration Mounts (AVMs), our sets are meticulously designed to match the specific requirements of both engine and alternator selections, ensuring optimal performance.
- **Installation Ease:** Designed for hassle-free installation in any application, our opentype sets guarantee a straightforward integration process, saving you time and resources.
- **Integrated Fuel Tank:** Ensuring prolonged operation, our sets from 9 to 700kVA come with an integrated fuel tank, providing a reliable and self-contained fuel source for uninterrupted power supply.
- **Noise Reduction:** Our open-type sets feature a manufactured muffler that effectively decreases noise levels emanating from the engine exhaust, creating a quieter and more conducive operating environment.

Discover the perfect synergy of power, durability, and ease of use with Magic for Engineering Works's open-type generator sets.



CLOSED TYPE SETS

Explore the exceptional features that set our closed-type sets apart:

- **Premium Construction:** Built from high-quality galvanized steel, and coated with high quality electrostatic powder coating, ensuring durability and reliability.
- Optimized Canopy Design:
- 1. **Ventilation Excellence:** Canopies designed for optimalventilation to maintainideal operating conditions.
- 2. **NoiseManagement:** Achieve a standard noise level of 75dB(A)@7m, with an impressive capability to reach 65dB(A)@1m for a quieter operational environment.
- 3. **Versatile Installation and Maintenance:** Ease of Assembly/Disassembly: Designed for easy installation, assembly, and disassembly, providing convenience and flexibility.
- Key Canopy Features:
- 1. Radiator Filling Points
- 2. Lift Hooks/Forklift Space
- 3. Large Maintenance Doors
- 4. Emergency Stop Button
- 5. Control Panel Viewing Window
- 6. Internal Fuel Filling Point and Fuel Gauge
- 7. Residential Exhaust Muffler

Experience the epitome of generator set innovation with Magic for Engineering Works LTD, where our closed-type sets redefine excellence.



MEP SERIES - POWERED BYPERKINS ENGINES

SINGLE PHASE GENERATORS, 1500RPM, 50HZ, 230V





Genset Model	Engine Model	Alternator Model	Prime Power		Standby Power	
			kVA	kW	kVA	kW
MEP-S8	403A-11G1	ECP28-2S4C	7.9	6.3	8.7	6/9
MEP-S13	403A-15G1	S1L2-J1	11.9	9.5	13.2	10.5
MEP-S15	403A-15G2	S1L2-J1	13.8	11	15.1	12
MEP-S20	404A-22G	S1L2-J1	18	14.4	20	16
MEP-S20/T5	404J-22G	S1L2-J1	18	14.4	20	16
MEP-S30	1103A-33G	S1L2-Y1	29	23.2	31	24.8
MEP-S40	1103A-33TG1	UCI224G1	42	33.6	-	1-1
MEP-S60	1103A-33TG2	UCI274C1	55	44		1-1

MEP SERIES - POWERED BY PERKINS ENGINES



THREE PHASE GENERATORS, 1500RPM, 50HZ, 400V

Genset Model	Engine Model	Alternator Model	Prime Power		Standby Power	
			kVA	kW	kVA	kW
MEP9	403A-11G1	ECP28-2VS4C	8.5	6.8	9.3	7.4
MEP15	403A-15G2	SOL2-G1	15	12	16	12.8
MEP20	403A-22G	SOL2-G1	20	16	22	17.6
MEP20/T5	404J-22G	SOL2-G1	20	16	22	17.6
MEP30	1103A-33G	S1L2-J1	30	24	33	26.4
MEP45	1103A-33TG1	S1L2-N1	45	36	50	40
MEP60	1103A-33TG2	S1L2-Y1	60	48	66	52.8
MEP65	1104A-44TG1	UCI224F1	65	52	72	57.6
MEP80	1104A-44TG2	UCI224G1	81	64.8	89	71.2
MEP100	1104C-44TAG2	UCI274C1	100	80	110	88
MEP140	1106A-70TG1	UCI274E1	136	108.8	150	120
MEP150	1106A-70TAG2	UCI274F1	151	120.8	166	132.8
MEP180	1106A-70TAG3	UCI274H1	182	145.6	200	160
MEP200A	1106A-70TAG4	UCI274H1	200	160	220	176
MEP200UE	1206A-E70TTAG1	UCI274H1	200	160	220	176
MEP230UE	1206A-E70TTAG2	UCDI274KI	230	184	258	206.
MEP250UE	1206A-E70TTAG3	UCDI274KI	250	200	275	220
MEP300E	1506A-E88TAG5	S4L1D-D41	300	240	330	264
MEP350E	2206A-E13TAG2	S4L1D-E41	350	280	380	304
MEP400E	2206A-E13TAG3	S4L1D-F41	400	320	440	352
MEP450E	2506A-E15TAG1	S4L1D-G41	450	360	500	400
MEP500E2	2506A-E15TAG2	HCI544D1	516	412.8	567	453.
MEP600E	2806A-E18TAG1A	HCI544E1	610	488	665	532
MEP660E	2806A-E18TAG2	HCI544FI	670	536	722	577.6
MEP700E	2806A-E18TAG4	S6L1D-C41	702	561.6	775	620
MEP770E	2806A-E18TTAG5	S6L1D-C41	764	611.2	844	675.
MEP720	4006-23TAG2A	S6L1D-C41	745	596	820	656
MEP800	4006-23TAG3A	S6L1D-C41	801	640.8	860	688
MEP910	4008-TAGIA	S6L1D-D41	910	728	1000	800
MEP1000	4008-TAG2A	S6L1D-E41	1000	800	1100	880
MEP1100	4008-30TAG3	S6L1D-G41	1125	900	1250	1000
MEP1250A	4012-46TWG2A	S6L1D-G41	1247	997.6	1350	1080
MEP1250B	4012-46TWG2A	S6L1D-H41	1251	1000.8	1383	1106.
MEP1350A	4012-46TWG3A	S6L1D-H41	1335	1068	1468	1174.
MEP1350B	4012-46TAG1A	S6L1D-H41	1335	1068	1468	1174
MEP1500A	4012-46TAG2A	S7L1D-C41	1510	1208	1660	1328
MEP1750A	4012-46TAG3A	S7L1D-E41	1724	1379.2	1895	1516
MEP1825A	4016-61TRG1	S7L1D-F41	1865	1492	2016	1612.
MEP2000A	4016-61TRG2	S7L1D-G41	2020	1616	2250	1800
MEP2250A	4016-61TRG3	S7L1D-H41	2200	1760	2360	1888

MEC SERIES - POWERED BY CUMMINS ENGINES

THREE PHASE GENERATORS, 1500RPM, 50HZ, 400V



Genset Model	Engine Model	Alternator Model	Prime Power		Standby Power	
deliset Model			kVA	kW	kVA	kW
MEC-125	6BTAA5.9-G6	UCI274E1	140	112	150	120
MEC-160	6BTAA5.9-G7	UCI274F1	156	124.8	173	138.4
MEC-180	QSB7-G4	UCI274G1	178	142.2	200	160
MEC-200	QSB7-G5	UCI274H1	196	156.8	220	176
MEC-250	QSL9-G3	UCDI274KI	250	200	275	220
MEC-300	QSL9-G5	S4L1D-D41	300	240	330	264
MEC-370B	QSG12-G3	S4L1D-F41	350	280	400	320
MEC-400B	QSG12-G4	S4L1D-F41	400	320	450	360
MEC-500C	QSZ13-G10	HCI544D1	499	399.2	520	416
MEC-660	VTA28-G5	HCI544F1	640	512	702	561.6
MEC-800A	QSK23-G3	S6L1D-D41	810	648	880	704
MEC-910A	KTA38-G3	S6L1D-D41	930	744	1010	808
MEC-1000A	KTA38-G5	S6L1D-E41	1018	814.4	1110	880
MEC-1275A	KTA50-G3	S6L1D-H41	1275	1020	1416	1132.8
MEC-1400A	KTA50-G8	S7L1D-C41	1393	1114.4	1660	1328
MEC-1500A	KTA50-GS8	S7L1D-C41	1393	1114.4	1660	1328
MEC-1650A	QSK50-G7	S7L1D-F41	1661	1328.8	1833	1466.
MEC-1875A	QSK60-G3 HPI	S7L1D-F41	1892	1513.6	2035	1626
MEC-2045A	QSK60-G4 HPI	S7L1D-G41	2034	1627.2	2233	1786.
MEC-2750A	QSK78-G9	LVSI804S1	2750	2200	3000	2400
MEC-1400A-2	QSK50-G3	S7L1D-C41	1400	1120	1500	1200
MEC-1500A-2	QSK50-G4	S7L1D-C41	1500	1200	1650	1320

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MEB SERIES - POWERED BY BAUDOUIN ENGINES

SINGLE PHASE GENERATORS, 1500RPM, 50HZ, 230V



Genset Model	Engine Model	Alternator Model	Prime Power		Standby Power	
Geriset Model	Engine Model	Alternator Model	kVA	kW	kVA	kW
MEB-S20	4M06G2D0/S	S1L22-J1	16.6	13.2	18.5	14.8
MEB-S25	4M06G4D0/S	S1L2-N1	22	17.6	24	19.2
MEB-S35	4M06G6D0/S	S1L2-Y1	30	24	33	26.4
MEB-S50	4M06G50/S	UCI224G1	43	34.4		
MEB-S70	4M10G2D0/S	UCI274D1	60	48	-	

MEB SERIES - POWERED BY BAUDOUIN ENGINES

THREE PHASE GENERATORS, 1500RPM, 50HZ, 400V



Genset Model	Engine Model	Alternator Model	Prime Power		Standby Power	
Genset Model			kVA	kW	kVA	kW
MEB-20	4M6G2D0/S*	ECP28-M4C	18	14.4	20	16
MEB-25	4M6G4D0/S*	S1L2-J1	24	19.2	26	20.8
MEB-35	4M6G6D0/S*	S1L2-J1	31	24.8	34	27.2
MEB-45	4M6G8D0/S*	S1L2-N1	40	32	44	35.2
MEB-50	4M6G50/5	S1L2-N1	45	36	49.5	39.6
MEB-55	4M06G10D0/S*	S1L2-Y1	50	40	55	44
MEB-70A	4M10G2D0/S	S1L2-Y1	62	49.6	69	55.2
MEB-88	4M10G4D0/S	UCI274C1	79	63.2	88	70.4
MEB-110	4M10G60/S	UCI274C1	97	77.6	107	85.6
MEB-150*	6M11G2D0/S*	UCI274E1	140	112	150	120
MEB-165	6M11G4D0/S*	UCI274FI	150	120	165	132
MEB-220	6M16G2D0/S*	UCI274H1	200	160	220	176
MEB-250	6M16G4D0/S*	UCDI274KI	230	184	260	208
MEB-275	6M16G6D0/S*	UCDI274KI	250	200	275	220
MEB-340	6M16G350/5	S4L1D-D41	310	248	340	272
MEB-350	6M16G350/5	S4L1D-E41	320	256	350	280
MEB-385	6M21GD0/S	S4L1D-E41	360	288	415	332
MEB-440	6M21G440/5	S4L1D-F41	400	320	440	352
MEB-500	6M21G500/5	S4L1D-G41	450	360	495	396
MEB-550A	6M21G500/5	HCI544D1	500	400	550	440
MEB-660	8M21G660/5	HCI544E1	590	472	647	517.6
MEB-715	6M33G715/5	HCI544F1	650	520	715	572
MEB-825	6M33G825/5	S6L1D-C41	770	616	830	664
MEB-900	12M26G900/5	S6L1D-D41	823	658.4	904	723.2
MEB-1010	12M26G1000/5	S6L1D-D41	936	748.8	1010	808
MEB-1110	12M26G1100/5	S6L1D-E41	1019	815.2	1110	888
MEB-1250	12M33G11250/5	S6L1D-G41	1135	908	1230	984
MEB-1400	12M33G1400/5	S6L1D-H41	1267	1013.6	1397	1117.6
MEB-1500	12M33G1500/5	S7L1D-C41	1386	1108.8	1500	1200
MEB-1650	12M33G1650/5	S7L1D-C41	1500	1200	1650	1320
MEB-1900	12M33G1900/5	S7L1D-F41	1746	1396.8	1926	1540.8
MEB-2000	12M33G2000/5	S7L1D-F41	1854	1483.2	2035	1628
MEB-2250	16M33G2250/5	S7L1D-G41	-		2250	1800
MEB-2300	20M33G2250/5	S7L1D-H41	2110	1688	2314	1851.2
MEB-2500	20M33G2500/5	S7L1D-341	-	-	2500	2000
MEB-2550	12M55G2550/5	S7L1D-J41	2274	1819.2	2544	2035.2
MEB-2750	12M55G2750/5	LVSI804S1	2530	2024	2830	2264



MV/HV GENERATORS

Unlike some practices in the industry that involve retrofitting low voltage generators with transformers, our approach is distinct – we specialize in crafting reliable and durable MV/HV generator sets tailored to your specifications.

- Customization Excellence: At Magic for Engineering Works, we take pride in
 offering MV/HV diesel generators that are purpose-built from the ground up,
 ensuring reliability and longevity. Our commitment to customization means you
 receive equipment precisely designed for your unique needs.
- A Step Beyond Adaptation: While some companies resort to adapting low voltage generators after the fact, we believe in providing solutions that are inherently suited for Medium and High Voltage applications. This approach ensures seamless integration and optimal performance without compromising on efficiency.
- Output Voltage Options: Tailoring to the intricacies of your requirements, our MV/HV generator sets are available in output voltage options of 3-13.3kV. This versatility allows you to choose the specific voltage range that aligns perfectly with your operational needs.

Elevate your power solutions with Magic for Engineering Works LTD – where MV/HV diesel generators are not just crafted; they're perfected for your success.



CUSTOMISED SOLUTIONS

Discover custom generator sets, designed with the latest CAD software and expertly implemented:

- Alternator Selection: Choose from elite alternator brands such as Stamford, Leroy Somer, and Meccalte, tailored to your preferences and performance requirements.
- Tailored Accessories: Enhance your generator set with additional accessories, meticulously selected to meet your specific operational needs.
- Higher Alternator Selection: Opt for higher alternator options, ensuring increased efficiency and performance in different weather conditions for your unique power requirements.
- Dual Frequency Operation: Designed for versatility, offering dual frequency operation at both 50Hz and 60Hz frequencies to adapt to diverse applications.
- ISO Container Solutions: Choose your ISO containers with options for fire suspension systems and without, providing flexibility in deployment.
- Oversized Fuel Tanks: Tailored for telecom and other specialized applications, our generator sets can include oversized fuel tanks, ensuring extended operation without interruption.
- Synchronized Generator Sets: Experience seamless power supply with our synchronized generator sets, offering coordinated operation for enhanced efficiency.
- Remote Monitoring Solutions: Stay in control with our remote monitoring solutions, allowing you to monitor and manage your generator sets from anywhere, ensuring peace of mind.

For any specific customization needs, contact Magic for Engineering Works LTD, where our expertise meets your unique power requirements.



GAS GENERATORS

Magic for Engineering Works LTD presents cutting-edge gas solutions with a focus on LPG and Natural Gas generators.

- Powerful Engine Technology: Our generators are powered by Scania engines and others depending on your requirements, delivering reliable and efficient performance tailored to your needs.
- Adaptable Configurations: Customization is key our gas generators can be adapted to suit specific requirements, ensuring versatility for diverse applications.
- Range from 5-500kW: Choose from a comprehensive range of gas generators, spanning 5-500kW, providing scalable solutions for various power needs.
- Open and Closed Types: Our gas generators are available in both open and closed types, offering flexibility in deployment based on your operational requirements.
- Synchronization Capability: Experience enhanced power capabilities with synchronized generators, allowing for combined power output of up to 16MW to meet larger demands.



MOBILE LIGHTING TOWERS

Explore a range of compact mobile lighting towers.:

- Diverse Power Options: Available with Diesel, Hybrid, and Battery operations, our lighting towers provide a variety of options to suit your specific requirements.
- Multipurpose Illumination: Whether for construction sites, outdoor events, or emergency situations, our lighting towers offer reliable and efficient lighting solutions.
- Adjustable Mast Heights: Masts extend up to 12m, with manual or hydraulic operation, providing flexibility for different applications.
- Customizable Light Configuration: Choose between 4-6 100W floodlights, and benefit from 340-degree rotation and power sockets for enhanced adaptability.
- Expert Assistance: Our dedicated team is always ready to assist you in finding the best mobile lighting tower solution for your specific needs.

Reach out to us for expert advice on lighting requirements and to discover more about our diverse range of mobile lighting towers.



SPARE PARTS

With an unwavering commitment to supporting your power needs, we take pride in offering a comprehensive range of spare parts, ensuring the seamless operation of your equipment.

- All-Inclusive Spare Parts Support: We specialize in supplying all types of genuine spare parts, ranging from basic filters to intricate components. Our extensive inventory covers a wide spectrum of spare parts to cater to your diverse requirements.
- Engine, Alternator, Controller We've Got You Covered: Whether you need spare parts for the engine, alternator, or controller, our dedicated team is wellequipped to provide the right components for your specific generator model. Trust us to deliver precision and compatibility in every spare part we supply.
- Reliability You Can Depend On: Our commitment to quality ensures that every spare part supplied meets the highest standards and is genuine. Rest assured, our spare parts are designed to enhance the performance and longevity of your generator.

Choose Magic for Engineering Works LTD for a reliable source of top-quality genuine spare parts, ensuring the continued efficiency of your diesel generator.



GENERATOR INSTALLATIONS

Here's an outline of our end-to-end turnkey installation services according to ISO 8528 standards:

- Strategic Design Planning: We kickstart the process by designing optimal ventilation solutions for the generator room, ensuring efficiency and safety.
- Secure Generator Fixation: Our expert team ensures the stable and secure fixation of generators, providing the required foundation for reliable performance.
- Cabling Excellence: From cable trays to trenches, our installation covers all aspects of cabling, ensuring organized and efficient electrical connections.
- Efficient Exhaust Piping: Our services include the installation of residential mufflers with a layer of aluminum cladding and exhaust piping, addressing emission safety standards and environmental considerations.
- Advanced Noise Reduction: We implement calculated noise reduction measures, in addition to manufacturing and installation of inlet/outlet attenuators to reach up to 65dB(A)@1m.
- Fuel Tank Installation: Our experts ensure the proper installation of fuel tanks, supporting
 continuous and uninterrupted power supply. We manage the intricacies of fuel piping,
 guaranteeing a seamless supply to meet the generator's operational needs.
- Duct and Canvas Expertise: We provide comprehensive solutions with the installation of ducts
 and canvas, safeguarding and enhancing the generator's performance.
- ATS Switchboard Installation: Ensuring seamless power transitions, we expertly install Automatic Transfer Switch (ATS) switchboards for efficient generator management.

Experience the synergy of expertise and precision with Magic for Engineering Works LTD's turnkey generator installation solutions.

ONIS VISA

- Origin: Italy.
- Started in 1960 64 years
- Production facility 56,000 m2
- Operating in more than 93 countries worldwide
- Completely manufactured in Italy (from steel sheet to final product)
- Provide High-tech solutions that can be tailored to all sectors
- Data Centers, telecommunications, and industrial sectors
- Open/Soundproof Diesel Generating Units.

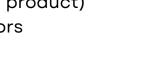
WELLAND POWER

- Origin: UK.
- Started in 1950 74 Years
- Winner of Queens Award in 2018 (Innovation, International
- trade, Promoting Opportunity, Sustainable Development)
- Modern Production Facility 25000 m2
- Welland Power operates in over 120 countries
- Open/Soundproof Diesel Generating Units.

REGENCY POWER GENERATION

- Origin: UK.
- Founded in 2010 19 Years
- Welland Power Sister Company
- Regency Power Generation offers the best engineered solutions
- UK Diesel and Gas Generators
- Regency concentrates on projects that require a high degree of turnkey solution engineering.
- Diesel Generator CKD Kits.





REGENCY

Welland Power



MEICO POWER GENERATORS



- Origin: Lebanon.
- Member of BPC Holding
- Started in 2005 19 Years
- Provides independent power supply with flexibility,
- reliability & stability (9-3000kVA)
- Available in 6 Middle Eastern Countries
- Production Facility 10,000m2
- Open/Soundproof Diesel Generating Units.

DINAMIK PANO



- Origin: Turkey.
- Started in 2010 14 Years
- Total Production Facility 4000 m2
- Scope of Work:
- 1. Electrical Panels
- 2. Diesel Generator Canopies
- 3. UPS and Battery Cabinets
- 4. Custom-Design Products
- 5. Other Sheet Metal Fabrication Products
- 6. (Aluminum, Stainless Steel and Galvanized Metal)
- 7. Sound/ Weatherproof Canopies.

KJ POWER GENERATOR



- Started in 1996 28 Years
- Scope of Work:
- 1. Diesel Generator Sets.
- 2. Mobile Generator.
- 3. Light Tower.
- 4. Rental Canopies.
- 5.Stage V.
- 6. Sound Insulation Canopies.
- 7. Synchronization Systems.
- 8. Twin Generator.



HELWAN DIESEL ENGINES CO.

- Origin: Egypt
- Started in 1960-62 Years.
- Total Production Facility 61000 m2.
- Scope of Work:
- 1. Diesel Generator Set from 15 KVA till 2250 KVA
- 2. Diesel engines : AIR COOLED / 7.7 : 29.9 HP Mobile Generator.
- 3. Diesel engines: WATER COOLED / 26:80 HP
- 4. Diesel engines: HELWAN WATER COOLED / 49:198 HP Stage V.
- 5. Generators : up to 500 varies K.V.A powers





PLEASE REVIEW MAGIC ENGINEERING WORKS PARTICIPATION IN THE EGYPT ENERGY 2023 EXHIBITION HERE

AS WELL AS WATCH THE PROMOTIONAL VIDEO ABOUT THE COMPANY HERE



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