



**COELMO**<sup>®</sup>  
EXCELLENCE THROUGH GENERATIONS

**INDUSTRIAL  
GENERATING SETS**

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[www.coelmo.it](http://www.coelmo.it)

# ABOUT US

From over 75 years, Coelmo means innovation, reliability, safety and sustainability. Coelmo designs, manufactures and provides after sales service for **Industrial Generating Sets, Marine Generators and Cogeneration Systems**, supplying solutions for several applications. The advanced technologies meet the experience of those working in the industry for three generations.

**Coelmo, Excellence Through Generations.**

# INDUSTRIAL GENERATING SETS

Perfect soundproofing, respect for the environment and high safety standards make Coelmo Industrial Series the ideal choice for continuous or emergency use in the industrial sector.

**The range includes tailor-made solutions for every need from 3 up to 4500 kVA.**



# CONTROL PANELS

## Automatic Giotto AMF®



**Giotto AMF®** digital control boards guarantee safety in the operations and immediate response in the case of black out. The user's interface is optimised for a rapid easy reading even in the most challenging visual conditions and for its functionality throughout time.

## Automatic Lexys AMF®



The advanced **Lexys AMF®** digital control boards guarantee superior reliability in the case of black out. Their wide customisation possibilities allow seamless integration into complex automation systems. In addition, the simple and intuitive user interface ensures fast and effective handling of even the most critical and demanding tasks.

## Parallel Lexys SYNC®



**Lexys Sync®** control board manages Coelmo Generating Sets working in synchronisation with load sharing technology, offering the possibility to manage the units both locally and remotely. The synchronising module also includes a 4 pole motorised circuit breaker as protection on a system using bus bars. The communication between the various modules is made via a CanBus connection. Up to 16 Generating Sets of different sizes can be managed in parallel.

# INDUSTRIAL GENERATING SETS



## 15 - 1020 kVA

50 Hz | 3 Phases | 400/230 V | Diesel | Water Cooling | 1500 rpm

MODEL	PRP / ESP (kVA)	ENGINE MODEL	CYLINDERS (n°)	DISPLACEMENT (cc)	INDICATIVE FUEL CONSUMPTION 4/4 LOAD (l/h)	MANUAL / AUTOMATIC CONTROLLER	DIMENSIONS (LxWxH) (mm) Soundproof Version		
BDT4M6G2	15 / 16,58	4M06G2D0/S	4	2300	5	Giotto AMF 4.1	1750x730x1243		
BDT4M6G4	20 / 22	4M06G4D0/S			6				
BDT4M6G6	30 / 33	4M06G6D0/S			8				
BDT4M6G8	40 / 44	4M06G8D0/S			10				
BDT4M6G10	55 / 55	4M06G10D0/S			12				
BDT4M10G2	66 / 66	4M10G2D0/S		4087	15		2904X1004X1741		
BDT4M10G4	80 / 88	4M10G4D0/S			19				
BDT4M10G6	100 / 110	4M10G6D0/S			21				
BDT4M11G2-12	120 / 132	6M11G2D0/S			6750			30	3204X1106X1926
BDT4M11G2-13	140 / 154	6M11G2D0/S						31	
BDT6M11G4	150 / 165	6M11G4D0/S	33						
BDT6M16G2	200 / 220	6M16G2D0/S	6	9726	43	Lexys AMF 4.1	3504X1306X2135		
BDT6M16G6	250 / 275	6M16G6D0/S			57		3900X1300X2135		
BDT6M350	300 / 330	6M16G350/5			71		4250X1600X2450		
BDT6M21G2	350 / 385	6M21G2D0/S			82				
BDT6M440	400 / 440	6M21G440/5			86				
BDT6M500	450 / 495	6M21G500/5		96					
BDT6M21G8	500 / 550	6M21G8D0/S		110					
BDT6M660-55	550 / 605	6M33G660/5		19600	127		5000X2000X2580		
BDT6M660-60	600 / 660	6M33G660/5			127				
BDT6M715	650 / 715	6M33G715/5			137				
BDT6M750	700 / 770	6M33G750/5	152						
BDT6M33G6	750 / 825	6M33G6D0/S	160		5760X2000X2580				
BDT8M900	800 / 880	8M33G900/5	174						
BDT8M100	900 / 990	8M33G1000/5	196						
BDT12M110	1020 / 1122	12M26G1100/5	12	31800	208	6000x2200x2900			



## 50 - 600 kVA

50 Hz | 3 Phases | 400/230 V | Diesel | Water Cooling | 1500 rpm

MODEL	PRP / ESP (kVA)	ENGINE MODEL	CYLINDERS (n°)	DISPLACEMENT (cc)	INDICATIVE FUEL CONSUMPTION 4/4 LOAD (l/h)	MANUAL / AUTOMATIC CONTROLLER	DIMENSIONS (LxWxH) (mm) Soundproof Version
FDT45AM2	50 / 55	NEF45AM2	4	4500	10	Giotto AMF 4.1	2204X904X1421
FDT45SM3-06	60 / 66	NEF45SM3			17		
FDT45SM3-07	75 / 82,5						
FDT45SM3-08	80 / 88						
FDT45TM3-08	85 / 93,5						
FDT45TM3-10	100 / 110	NEF45TM3			24		2904X1004X1741
FDT45TM3-12	120 / 132						
FDT67TM4-13	135 / 149	NEF67TM4			33		
FDT67TM4-15	150 / 165						
FDT67TM4-16	165 / 182						
FDT67TM4-17	170 / 187						
FDT67TM7	200 / 220	NEF67TM7	37	3204X1106X1926			
FDT67TE8P	250 / 275	NEF67TE8P	48				
FDT67TE8P	300 / 330	CURSOR87TE4	8700		Lexys AMF 4.1		
FDT67TE8P	350 / 385	CURSOR13TE2A					
FDT67TE8P	400 / 440	CURSOR13TE3A					
FDT67TE8P	435 / 478,5	CURSOR13TE6W					
FDT67TE8P	500 / 550	CURSOR13TE7W	94		4250X1600X2450		
FDT67TE8P	600 / 660	CURSOR16TE1W	112				
FDT67TE8P	600 / 660	CURSOR16TE1W	15900	112	5000X2000X2580		

# INDUSTRIAL GENERATING SETS



## 9 - 1025 kVA

50 Hz | 3 Phases | 400/230 V | Diesel | Water Cooling | 1500 rpm

MODEL	PRP / ESP (kVA)	ENGINE MODEL	CYLINDERS (n°)	DISPLACEMENT (cc)	INDICATIVE FUEL CONSUMPTION 4/4 LOAD (l/h)	MANUAL / AUTOMATIC CONTROLLER	DIMENSIONS [LxWxH] (mm) Soundproof Version	
PDT43Aa	9 / 9,9	403A-11G1	3	1131	3	Giotto AMF 4.1	1750X730X1243	
PDT43Ab	13 / 14,3	403A-15G1		1496	4			
PDT43Ac	15 / 16,5	403A-15G2		1496	4			
PDT44Aa	20 / 22	404A-22G1	4	2216	5	Giotto AMF 4.1	2204X904X1421	
PDT113	30 / 33	1103A-33G	3	3300	6			
PDT113T1-4	40 / 44	1103A-33TG1			11			
PDT113T2	60 / 66	1103A-33TG2			14			
PDT114	65 / 72	1104A-44TG1	4	4400	15	Giotto AMF 4.1	2904X1004X1741	
PDT114G2	80 / 88	1104A-44TG2			19			
PDT114d	100 / 110	1104C-44TAG2			23			
PDT116ATG1	135 / 148,5	1106A-70TG1	6	7010	31	Giotto AMF 4.1	3204X1106X1926	
PDT116ATAG2	150 / 165	1106A-70TAG2			34			
PDT116ATAG3	180 / 198	1106A-70TAG3			46			
PDT116ATAG4	200 / 220	1106A-70TAG4	6	7010	42	Giotto AMF 4.1	3504X1306X2078	
PDT126ATAG3	250 / 275	1206A-E70TTAG3			58			
PDT156AG5	300 / 330	1506A-E88TAG5			8800			65
PDT176AG2	350 / 385	1706A-E93TAG2	6	9290	64	Giotto AMF 4.1	4250X1600X2450	
PDT226AG3	400 / 440	2206A-E13TAG3			12500			81
PDT256AG1	450 / 495	2506A-E15TAG1			15200			97
PDT256AG2	500 / 550	2506A-E15TAG2	6	18100	107	Giotto AMF 4.1	5000X2000X2580	
PDT288AG1A	600 / 660	2806A-E18TAG1A			123			
PDT286AG2	660 / 726	2806A-E18TAG2			132			
PDT286AG5	750 / 825	2806A-E18TTAG5	6	22921	162	Giotto AMF 4.1	5760X2000X2580	
PDT406A3	800 / 880	4006-23TAG3A			172			
PDT408A1	910 / 1001	4008TAG1A			8			195
PDT408A2	1025 / 1128	4008TAG2A	8	30561	215	Giotto AMF 4.1	6000X2200X2900	



## 250 - 730 kVA

50 Hz | 3 Phases | 400/230 V | Diesel | Water Cooling | 1500 rpm

MODEL	PRP / ESP (kVA)	ENGINE MODEL	CYLINDERS (n°)	DISPLACEMENT (cc)	INDICATIVE FUEL CONSUMPTION 4/4 LOAD (l/h)	MANUAL / AUTOMATIC CONTROLLER	DIMENSIONS [LxWxH] (mm) Soundproof Version
SDT972A12-25	250 / 275	DC09072A0212	5	9300	46	Lexys AMF 4.1	3900X1300X2135
SDT1372A11-30	300 / 330	DC13072A0211	6	12700	61		
SDT1372A11-35	350 / 385				61		
SDT137A12	400 / 440	DC13072A0212			70		4250X1600X2450
SDT137A13	450 / 495	DC13072A0213	80				
SDT137A14	500 / 550	DC13072A0214	92				
SDT1693A52	550 / 605	DC16093A0252	8	16400	100		5000X2000X2580
SDT1693A54	640 / 704	DC16093A0254			120		
SDT1678A43	700 / 770	DC16078A0243			128		
SDT1678A44	730 / 803	DC16078A0244			136		

### STANDARD EQUIPMENT

- Soundproof Canopy
- On-board control panel
- Lead-acid starter batteries with dedicated battery charger
- High engine temperature thermostat
- Low oil pressure switch
- Oil and coolant first filling
- Anti-vibration dampers
- Fan and moving parts protection
- Silencer muffler

### ACCESSORIES

- ATS in separate cabinet
- Engine preheating kit
- Automatic fuel transfer kit
- Manual oil extraction pump
- Differential protection
- Toolkit for routine maintenance
- Socket kit
- Oversized tank
- Leakage collection tank
- Automatic oil transfer kit
- Catalytic muffler
- Anti-seismic vibration dampers
- Slow-moving trolley
- Road homologated trolley
- Remote control with Web Supervisor



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