DIESEL GENERATOR SETS

POWER RANGE 10 - 2500 KVA

RID®

STROMERZEUGER

MADE IN GERMANY



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MODEL OVERVIEW BY PERFORMANCE

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	20 kVA	S-SERIES / E-SERIES	Deutz / Mitsubishi	7 / 14
	30 kVA	S-SERIES / E-SERIES / Y-SERIES	Deutz / Mitsubishi / Yanmar	8 / 15 / 30
	40 kVA	S-SERIES / E-SERIES / Y-SERIES	Deutz / Mitsubishi / Yanmar	8 / 15 / 30
	60 kVA	S-SERIES	Deutz	8
80 - 300 kVA	80 kVA	S-SERIES	Deutz	9
	100 kVA	S-SERIES	Deutz	9
	130 kVA	S-SERIES	Deutz	9
	150 kVA	S-SERIES / B-SERIES	Deutz / Hyundai	10 / 21
	200 kVA	S-SERIES / B-SERIES	Deutz / Hyundai	10 / 21
	250 kVA	S-SERIES / B-SERIES	Deutz / Hyundai	11 / 22
	300 kVA	S-SERIES / B-SERIES	Deutz / Hyundai	11 / 22
350 - 670 kVA	350 kVA	S-SERIES / B-SERIES	Deutz / Hyundai	11 / 23
	400 kVA	S-SERIES / B-SERIES	Deutz / Hyundai	12 / 23
	450 kVA	S-SERIES / B-SERIES	Deutz / Hyundai	12 / 23
	500 kVA	S-SERIES / B-SERIES	Deutz / Hyundai	12 / 24
	550 kVA	B-SERIES	Hyundai	24
	600 kVA	B-SERIES / G-SERIES	Hyundai / MTU	24 / 27
	650 - 670 kVA	B-SERIES / G-SERIES	Hyundai / MTU	25 / 27
750 - 2500 kVA	750 kVA	E-SERIES / B-SERIES	Mitsubishi / Hyundai	16 / 25
	800 kVA	G-SERIES	MTU	27
	900 kVA	B-SERIES / G-SERIES	Hyundai / MTU	25 / 28
	1000 - 1400 kVA	E-SERIES, G-SERIES	Mitsubishi / MTU	17 / 28
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OUR GENERATOR SETS



Portable gensets



Stationary gensets



Tractor-Driven gensets



Fire, Rescue & Civil Protection gensets

RID GmbH is a steadily growing company with an established presence in both national and international markets. Founded in 2008, the company is headquartered in Kirchardt, Germany.

We also offer customized turnkey solutions tailored to individual customer requirements. Our equipment is used worldwide and has proven its reliability in a wide range of applications. All RID gensets comply with the applicable European Union standards and regulations.

OUR GENERATOR SETS



Anti-Vandal Design



RENTAL & STAGE V gensets



Mobile trailer-mounted gensets



Containerized gensets

Engine Model Designation

B = Diesel gensets with Doosan engines **(B-SERIES)**
E = Diesel gensets with Mitsubishi engines **(E-SERIES)**
G = Diesel gensets with MTU engines **(G-SERIES)**
J = Diesel gensets with John Deere engines **(J-SERIES)**
S = Diesel gensets with Deutz engines **(S-SERIES)**
Y = Diesel gensets with Volvo engines **(Y-SERIES)**
V = Diesel gensets with Yanmar engines **(V-SERIES)**

Genset Model Designation

RID 10/1 E-SERIES-S

- silent version
- engine brand
- Single phase generator set
- power range, kVA
- RID genset

Since its foundation in 1864, DEUTZ has stood for pioneering spirit, engineering excellence and innovation. As one of the world's leading engine manufacturers, DEUTZ continuously develops advanced engine technologies that combine high performance, reliability and efficiency.

DEUTZ engines are renowned for their durability, fuel efficiency and low operating costs. Designed to meet the highest industry standards, they deliver dependable power across a wide range of applications while ensuring maximum productivity and operational reliability.

Together with its partners, DEUTZ is already developing the technologies of tomorrow. Building on a long heritage of innovation, the company continuously enhances its products with a strong focus on customer value, environmental responsibility and sustainable development. Key objectives include improving energy efficiency and reducing emissions to support a cleaner and more sustainable future.



15 - 20 KVA ENGINES DEUTZ



Model		RID 15 S-SERIES	RID 15 S-SERIES S	RID 20 S-SERIES	RID 20 S-SERIES S
Version		open skid	silent	open skid	silent
Nom. output P.R.P. (cos = 0,8)	**kVA/kW**	**15 / 12**	**15 / 12**	**20 / 16**	**20 / 16**
Maximum / Nominal current	A	21,6 | 17,3	21,6 | 17,3	28,8 | 23,0	28,8 | 23,0
Voltage	V	230 / 400	230 / 400	230 / 400	230 / 400
Frequency	Hz	50	50	50	50
Dimensions (L x W x H)	mm	1500x752x1160	1500x782x1246	1500x752x1160	1500x782x1246
Weight	kg	460	650	550	700
Noise level	dB(A)	78	61	80	62
Fuel tank capacity	l	150	150	150	150
Engine	**Deutz**	**F3M2011**	**F3M2011**	**F3M2011**	**F3M2011**
Speed range	rpm	1500	1500	1500	1500
Speed governor		mechanical	mechanical	mechanical	mechanical
Fuel		Diesel	Diesel	Diesel	Diesel
Cooling system		Oil + air	Oil + air	Oil + air	Oil + air
Displacement	l	2,3	2,3	2,3	2,3
Engine output	kW	20,4	20,4	20,4	20,4
Starter	V	12	12	12	12
Engine oil volume	l	9	9	9	9
Fuel consumption load 100/75%	l / h	5,2 / 3,7	5,2 / 3,7	5,8 / 4,2	5,8 / 4,2
Generator		synchronous	synchronous	synchronous	synchronous
Isolation type		H	H	H	H
Protection class		IP 23	IP 23	IP 23	IP 23

Additional options and detailed genset information can be found at the end of this catalog, where all available configurations and technical specifications are clearly listed

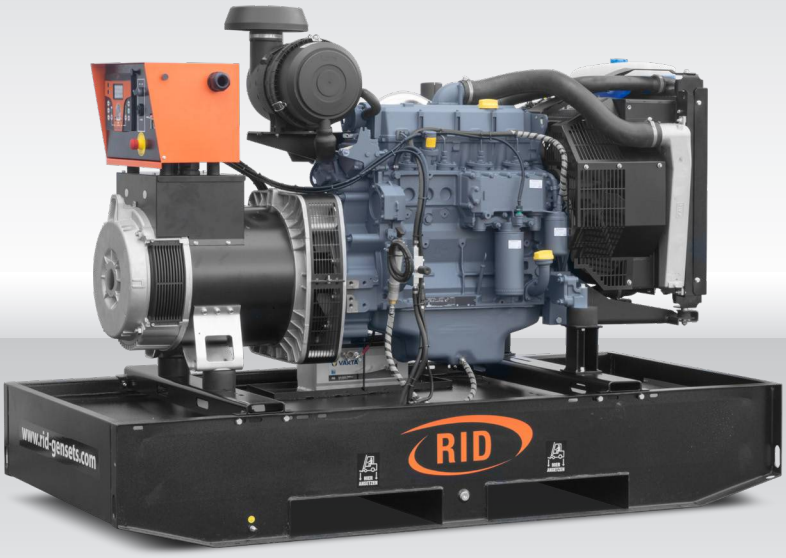
30 - 60 KVA ENGINES DEUTZ



Model		RID 30 S-SERIES	RID 30 S-SERIES S	RID 40 S-SERIES	RID 40 S-SERIES S	RID 60 S-SERIES	RID 60 S-SERIES S
Version		open skid	silent	open skid	silent	open skid	silent
Nom. output P.R.P. (cos = 0,8)	**kVA/kW**	**30 / 24**	**30 / 24**	**40 / 32**	**40 / 32**	**60 / 48**	**60 / 48**
Maximum / Nominal current	A	43,3 | 34,6	43,3 | 34,6	57,7 | 46,1	57,7 | 46,1	86,6 | 69,2	86,6 | 69,2
Voltage	V	230 / 400	230 / 400	230 / 400	230 / 400	230 / 400	230 / 400
Frequency	Hz	50	50	50	50	50	50
Dimensions (L x W x H)	mm	1500x752x1160	1800x940x1310	1500x752x1185	1800x940x1310	1800x910x1290	2200x1120x1590
Weight	kg	720	840	761	890	930	1320
Noise level	dB(A)	80,5	63	81	63	81	66
Fuel tank capacity	l	150	230	150	230	230	350
Engine	**Deutz**	**F4M2011**	**F4M2011**	**BF4M2011**	**BF4M2011**	**BF4M2011C**	**BF4M2011C**
Speed range	rpm	1500	1500	1500	1500	1500	1500
Speed governor		mechanical	mechanical	mechanical	mechanical	mechanical	mechanical
Fuel		Diesel	Diesel	Diesel	Diesel	Diesel	Diesel
Cooling system		Oil + air	Oil + air	Oil + air	Oil + air	Oil + air	Oil + air
Displacement	l	3,1	3,1	3,1	3,1	3,1	3,1
Engine output	kW	29,4	29,4	39,2	39,2	53,3	53,3
Starter	V	12	12	12	12	12	12
Engine oil volume	l	13,5	13,5	13,5	13,5	13,5	13,5
Fuel consumption load 100/75%	l / h	8,0 / 5,8	8,0 / 5,8	11,3 / 8,1	11,3 / 8,1	14,2 / 10,4	14,2 / 10,4
Generator		synchronous	synchronous	synchronous	synchronous	synchronous	synchronous
Isolation type		H	H	H	H	H	H
Protection class		IP 23	IP 23	IP 23	IP 23	IP 23	IP 23

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80 - 130 KVA ENGINES DEUTZ



Model		RID 80 S-SERIES	RID80 S-SERIES S	RID 100 S-SERIES	RID 100 S-SERIES S	RID 130 S-SERIES	RID 130 S-SERIES S
Version		open skid	silent	open skid	silent	open skid	silent
Nom. output P.R.P. (cos = 0,8)	**kVA/kW**	**80 / 64**	**80 / 64**	**100 / 80**	**100 / 80**	**130 / 104**	**130 / 104**
Maximum / Nominal current	A	115,4 | 92,3	115,4 | 92,3	144,3 | 115,4	144,3 | 115,4	187,6 | 150,1	187,6 | 150,1
Voltage	V	230 / 400	230 / 400	230 / 400	230 / 400	230 / 400	230 / 400
Frequency	Hz	50	50	50	50	50	50
Dimensions (L x W x H)	mm	2320x910x1484	2320x1130x1685	2250x1124x1557	2250x1124x1557	2250x1124x1557	2800x1230x1828
Weight	kg	930	1390	1200	1600	1450	1970
Noise level	dB(A)	81	69,5	82	69	82	73
Fuel tank capacity	l	230	350	400	400	350	400
Engine	**Deutz**	**BF4M2012C**	**BF4M2012C**	**BF4M1013EC**	**BF4M1013EC**	**BF4M1013FC**	**BF4M1013FC**
Speed range	rpm	1500	1500	1500	1500	1500	1500
Speed governor		mechanical	mechanical	mechanical	mechanical	electrical	electrical
Fuel		Diesel	Diesel	Diesel	Diesel	Diesel	Diesel
Cooling system		Water + air	Water + air	Water + air	Water + air	Water + air	Water + air
Displacement	l	4,1	4,1	4,8	4,8	4,8	4,8
Engine output	kW	71	71	97	97	112	112
Starter	V	12	12	12	12	12	12
Engine oil volume	l	10	10	14	14	17	17
Fuel consumption load 100/75%	l / h	18,5 / 13,6	18,5 / 13,6	24,6 / 18,4	24,6 / 18,4	29,4 / 21,3	29,4 / 21,3
Generator		synchronous	synchronous	synchronous	synchronous	synchronous	synchronous
Isolation type		H	H	H	H	H	H
Protection class		IP 23	IP 23	IP 23	IP 23	IP 23	IP 23

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150 - 200 KVA ENGINES DEUTZ



Model		RID 150 S-SERIES	RID 150 S-SERIES S	RID 200 S-SERIES	RID 200 S-SERIES S
Version		open skid	silent	open skid	silent
Nom. output P.R.P. (cos = 0,8)	**kVA/kW**	**150 / 120**	**150 / 120**	**200 / 160**	**200 / 160**
Maximum / Nominal current	A	216,5 | 173,2	216,5 | 173,2	288,6 | 230,9	288,6 | 230,9
Voltage	V	230 / 400	230 / 400	230 / 400	230 / 400
Frequency	Hz	50	50	50	50
Dimensions (L x W x H)	mm	2500x1050x1647	3350x1430x2114	2530x1050x1962	3350x1430x2114
Weight	kg	1705	2300	2070	2500
Noise level	dB(A)	83	72	83	69
Fuel tank capacity	l	350	750	500	750
Engine	**Deutz**	**BF6M1013EC**	**BF6M1013EC**	**BF6M1013FC**	**BF6M1013FC**
Speed range	rpm	1500	1500	1500	1500
Speed governor		mechanical	mechanical	electrical	electrical
Fuel		Diesel	Diesel	Diesel	Diesel
Cooling system		Water + air	Water + air	Water + air	Water + air
Displacement	l	7,2	7,2	7,2	7,2
Engine output	kW	146	146	183	183
Starter	V	12	12	12	12
Engine oil volume	l	21	21	20	20
Fuel consumption load 100/75%	l / h	36,5 / 27,4	36,5 / 27,4	46,5 / 34,2	46,5 / 34,2
Generator		synchronous	synchronous	synchronous	synchronous
Isolation type		H	H	H	H
Protection class		IP 23	IP 23	IP 23	IP 23

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250 - 300 KVA ENGINES DEUTZ



Model		RID 250 S-SERIES	RID 250 S-SERIES S	RID 300 S-SERIES	RID 300 S-SERIES S	RID 350 S-SERIES	RID 350 S-SERIES S
Version		open skid	silent	open skid	silent	open skid	silent
Nom. output P.R.P. (cos = 0,8)	**kVA/kW**	**250 / 200**	**250 / 200**	**300 / 240**	**300 / 240**	**350 / 280**	**350 / 280**
Maximum / Nominal current	A	360,8 | 288,6	360,8 | 288,6	433,0 | 346,4	433,0 | 346,4	505,1 | 404,1	505,1 | 404,1
Voltage	V	230 / 400	230 / 400	230 / 400	230 / 400	230 / 400	230 / 400
Frequency	Hz	50	50	50	50	50	50
Dimensions (L x W x H)	mm	2500x1050x1830	3350x1430x2114	2850x1700x2170	3351x1740x2411	2850x1700x2210	3351x1740x2411
Weight	kg	2120	2700	3340	3900	3500	4200
Noise level	dB(A)	83	70	83	70	83	71
Fuel tank capacity	l	750	750	bis zu 1000	bis zu 1000	bis zu 1000	bis zu 1000
Engine	**Deutz**	**TCD2013L6 4V**	**TCD2013L6 4V**	**BF6M1015C G1**	**BF6M1015C G1**	**BF6M1015C G2**	**BF6M1015C G2**
Speed range	rpm	1500	1500	1500	1500	1500	1500
Speed governor		electrical	electrical	electrical	electrical	electrical	electrical
Fuel		Diesel	Diesel	Diesel	Diesel	Diesel	Diesel
Cooling system		Water + air	Water + air	Water + air	Water + air	Water + air	Water + air
Displacement	l	7,1	7,1	11,9	11,9	11,9	11,9
Engine output	kW	227	227	285	285	338	338
Starter	V	24	24	24	24	24	24
Engine oil volume	l	24	24	34	34	34	34
Fuel consumption load 100/75%	l / h	54,4 / 43,4	54,4 / 43,4	70 / 51,7	70 / 51,7	78,1 / 57,4	78,1 / 57,4
Generator		synchronous	synchronous	synchronous	synchronous	synchronous	synchronous
Isolation type		H	H	H	H	H	H
Protection class		IP 23	IP 23	IP 23	IP 23	IP 23	IP 23

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400 - 500 KVA ENGINES DEUTZ



Model		RID 400 S-SERIES	RID 400 S-SERIES S	RID 450 S-SERIES	RID 450 S-SERIES S	RID 500 S-SERIES	RID 500 S-SERIES S
Version		open skid	silent	open skid	silent	open skid	silent
Nom. output P.R.P. (cos = 0,8)	**kVA/kW**	**400 / 320**	**400 / 320**	**450 / 360**	**450 / 360**	**500 / 400**	**500 / 400**
Maximum / Nominal current	A	577,3 | 461,8	577,3 | 461,8	649,5 | 519,6	649,5 | 519,6	721,6 | 577,3	721,6 | 577,3
Voltage	V	230 / 400	230 / 400	230 / 400	230 / 400	230 / 400	230 / 400
Frequency	Hz	50	50	50	50	50	50
Dimensions (L x W x H)	mm	2800x1614x2224	4000x1940x2383	2800x1614x2218	4000x1940x2383	2800x1614x2218	4000x1940x2383
Weight	kg	3900	4650	4000	4900	4300	5100
Noise level	dB(A)	83	71	83	70	83	70
Fuel tank capacity	l	bis zu 1000	bis zu 1000	bis zu 1000	bis zu 1000	bis zu 1000	bis zu 1000
Engine	**Deutz**	**BF8M1015C G1**	**BF8M1015C G1**	**BF8M1015C G2**	**BF8M1015C G2**	**BF8M1015CP G3**	**BF8M1015CP G3**
Speed range	rpm	1500	1500	1500	1500	1500	1500
Speed governor		electrical	electrical	electrical	electrical	electrical	electrical
Fuel		Diesel	Diesel	Diesel	Diesel	Diesel	Diesel
Cooling system		Water + air	Water + air	Water + air	Water + air	Water + air	Water + air
Displacement	l	15,9	15,9	15,9	15,9	15,9	15,9
Engine output	kW	380	380	413	413	448	448
Starter	V	24	24	24	24	24	24
Engine oil volume	l	47	47	47	47	47	47
Fuel consumption load 100/75%	l / h	93,7 / 69,3	93,7 / 69,3	102,9 / 75,3	102,9 / 75,3	118 / 84,9	118 / 84,9
Generator		synchronous	synchronous	synchronous	synchronous	synchronous	synchronous
Isolation type		H	H	H	H	H	H
Protection class		IP 23	IP 23	IP 23	IP 23	IP 23	IP 23

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For more than a century, Mitsubishi has been developing and manufacturing engines to the highest standards of the power generation industry. Premium-quality materials and advanced engineering are incorporated throughout every stage of the development process to ensure outstanding performance, durability and reliability.

RID gensets powered by Mitsubishi engines are designed for continuous operation, delivering dependable performance 24 hours a day, 7 days a week. Mitsubishi engines are renowned for their robust construction, consistent power output and low noise levels, making them an ideal choice for demanding applications worldwide.

Continuous investment in research and development enables Mitsubishi to enhance engine longevity, improve fuel efficiency and meet increasingly stringent environmental requirements.

By complying with current and future emissions regulations, Mitsubishi contributes to the protection of natural resources while supporting sustainable energy solutions.

Combining advanced engine technology with world-class turbocharging systems, Mitsubishi delivers exceptional operational efficiency and reduced fuel consumption. The result is a reliable and cost-effective power solution that maximizes value for operators while minimizing environmental impact.



10 - 20 KVA ENGINES MITSUBISHI

MITSUBISHI DIESEL ENGINE

STAGE V



Model		RID 10 E-SERIES	RID 10 E-SERIES S	RID 15 E-SERIES	RID 15 E-SERIES S	RID 20 E-SERIES	RID 20 E-SERIES S
Version		open skid	silent	open skid	silent	open skid	silent
Nom. output P.R.P. (cos = 0,8)	**kVA/kW**	**10 / 8**	**10 / 8**	**15 / 12**	**15 / 12**	**20 / 16**	**20 / 16**
Maximum / Nominal current	A	14,4 | 11,5	14,4 | 11,5	21,6 | 17,3	21,6 | 17,3	28,8 | 23,0	28,8 | 23,0
Voltage	V	230 / 400	230 / 400	230 / 400	230 / 400	230 / 400	230 / 400
Frequency	Hz	50	50	50	50	50	50
Dimensions (L x W x H)	mm	1500x752x1150	1500x782x1246	1500x752x1150	1500x782x1246	1500x752x1150	1500x782x1246
Weight	kg	390	505	420	590	420	590
Noise level	dB(A)	81	62	83	63	83	63
Fuel tank capacity	l	150	150	150	150	150	150
Engine	**Mitsubishi**	**S3L2**	**S3L2**	**S4L2**	**S4L2**	**S4L2**	**S4L2**
Speed range	rpm	1500	1500	1500	1500	1500	1500
Speed governor		mechanical	mechanical	mechanical	mechanical	mechanical	mechanical
Fuel		Diesel	Diesel	Diesel	Diesel	Diesel	Diesel
Cooling system		Water + air	Water + air	Water + air	Water + air	Water + air	Water + air
Displacement	l	1,3	1,3	1,8	1,8	1,8	1,8
Engine output	kW	9,9	9,9	14,5	14,5	17,0	17,0
Starter	V	12	12	12	12	12	12
Engine oil volume	l	4,2	4,2	6,0	6,0	6,0	6,0
Fuel consumption load 100/75%	l / h	3,1 / 2,4	3,1 / 2,4	4,4 / 3,4	4,4 / 3,4	5,3 / 4,1	5,3 / 4,1
Generator		synchronous	synchronous	synchronous	synchronous	synchronous	synchronous
Isolation type		H	H	H	H	H	H
Protection class		IP 23	IP 23	IP 23	IP 23	IP 23	IP 23

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30 - 40 KVA ENGINES MITSUBISHI



Model		RID 30 E-SERIES	RID 30 E-SERIES S	RID 40 E-SERIES	RID 40 E-SERIES S
Version		open skid	silent	open skid	silent
Nom. output P.R.P. (cos = 0,8)	**kVA/kW**	**30 / 24**	**30 / 24**	**40 / 32**	**40 / 32**
Maximum / Nominal current	A	43,3 | 34,6	43,3 | 34,6	57,7 | 46,1	57,7 | 46,1
Voltage	V	230 / 400	230 / 400	230 / 400	230 / 400
Frequency	Hz	50	50	50	50
Dimensions (L x W x H)	mm	1500x752x1240	1800x940x1310	1500x752x1265	1800x940x1310
Weight	kg	650	790	690	900
Noise level	dB(A)	84	66,5	84	66,5
Fuel tank capacity	l	150	230	150	230
Engine	**Mitsubishi**	**S4S-61SD**	**S4S-61SD**	**S4S-DT**	**S4S-DT**
Speed range	rpm	1500	1500	1500	1500
Speed governor		mechanical	mechanical	mechanical	mechanical
Fuel		Diesel	Diesel	Diesel	Diesel
Cooling system		Water + air	Water + air	Water + air	Water + air
Displacement	l	3,3	3,3	3,3	3,3
Engine output	kW	31,6	31,6	37,5	37,5
Starter	V	12	12	12	12
Engine oil volume	l	10	10	10	10
Fuel consumption load 100/75%	l / h	8,4 / 6,3	8,4 / 6,3	9,7 / 7,5	9,7 / 7,5
Generator		synchronous	synchronous	synchronous	synchronous
Isolation type		H	H	H	H
Protection class		IP 23	IP 23	IP 23	IP 23

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750 - 900 KVA ENGINES MITSUBISHI



Model		RID 750 E-SERIES	RID 750 E-SERIES S	RID 900 E-SERIES	RID 900 E-SERIES S
Version		open skid	silent	open skid	silent
Nom. output P.R.P. (cos = 0,8)	**kVA/kW**	**750 / 600**	**750 / 600**	**900 / 720**	**900 / 720**
Maximum / Nominal current	A	1082,5 | 866,0	1082,5 | 866,0	1299,0 | 1039,2	1299,0 | 1039,2
Voltage	V	230 / 400	230 / 400	230 / 400	230 / 400
Frequency	Hz	50	50	50	50
Dimensions (L x W x H)	mm	4100x1800x2100	5300x2450x2700	4300x2000x2200	5300x2450x2700
Weight	kg	6500	9400	7500	10200
Noise level	dB(A)	91	71	102	72
Fuel tank capacity	l	bis zu 1000	bis zu 1000	bis zu 1000	bis zu 1000
Engine	**Mitsubishi**	**S6R2-PTAA**	**S6R2-PTAA**	**S12A2-PTA2**	**S12A2-PTA2**
Speed range	rpm	1500	1500	1500	1500
Speed governor		electrical	electrical	electrical	electrical
Fuel		Diesel	Diesel	Diesel	Diesel
Cooling system		Water + air	Water + air	Water + air	Water + air
Displacement	l	29,9	29,9	33,9	33,9
Engine output	kW	665	665	679	679
Starter	V	24	24	24	24
Engine oil volume	l	100	100	120	120
Fuel consumption load 100/75%	l / h	157,1 / 118,6	157,1 / 118,6	195,1 / 147,3	195,1 / 147,3
Generator		synchronous	synchronous	synchronous	synchronous
Isolation type		H	H	H	H
Protection class		IP 23	IP 23	IP 23	IP 23

Additional options and detailed genset information can be found at the end of this catalog, where all available configurations and technical specifications are clearly listed

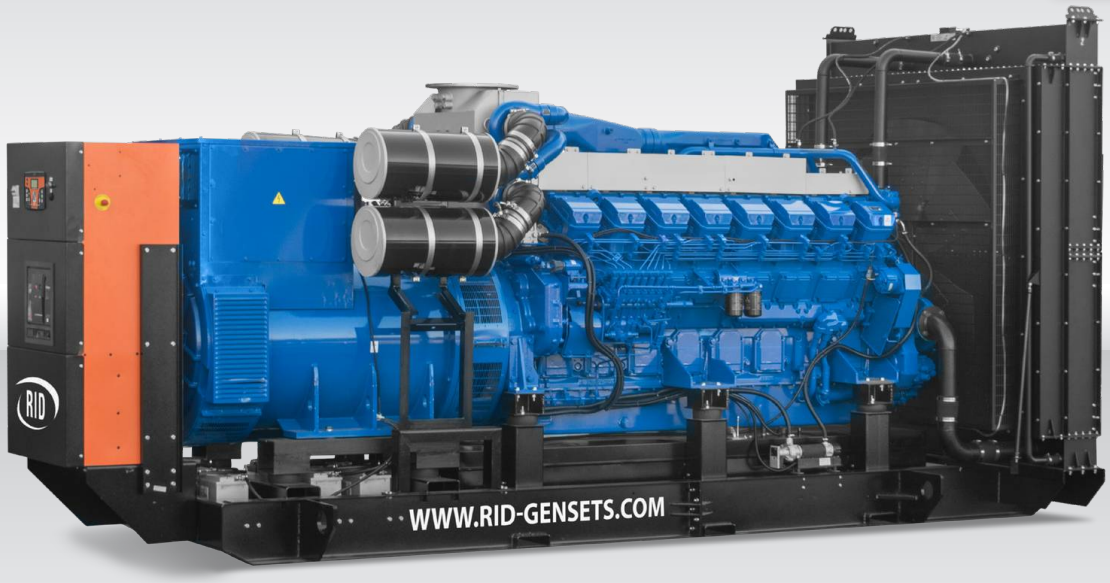
1000 - 1400 KVA ENGINES MITSUBISHI



Model		RID 1000 E-SERIES	RID 1000 E-SERIES S	RID 1300 E-SERIES	RID 1300 E-SERIES S	RID 1400 E-SERIES	RID 1400 E-SERIES S
Version		open skid	silent	open skid	silent	open skid	silent
Nom. output P.R.P. (cos = 0,8)	**kVA/kW**	**1000 / 800**	**1000 / 800**	**1300 / 1040**	**1300 / 1040**	**1400 / 1120**	**1400 / 1120**
Maximum / Nominal current	A	1443,3 | 1154,7	1443,3 | 1154,7	1876,3 | 1501,1	1876,3 | 1501,1	2020,7 | 1616,5	2020,7 | 1616,5
Voltage	V	230 / 400	230 / 400	230 / 400	230 / 400	230 / 400	230 / 400
Frequency	Hz	50	50	50	50	50	50
Dimensions (L x W x H)	mm	4500x2000x2400	6000x2700x2900	4500x2100x2400	6100x2400x2900	4500x2100x2400	8000x2700x2900
Weight	kg	9230	11900	11000	12900	11200	13900
Noise level	dB(A)	102	72	102	72	102	72
Fuel tank capacity	l	bis zu 1000	bis zu 1000	bis zu 1000	bis zu 1000	bis zu 1000	bis zu 1000
Engine	**Mitsubishi**	**S12H-PTA**	**S12H-PTA**	**S12R-PTA**	**S12R-PTA**	**S12R-PTA2**	**S12R-PTA2**
Speed range	rpm	1500	1500	1500	1500	1500	1500
Speed governor		electrical	electrical	electrical	electrical	electrical	electrical
Fuel		Diesel	Diesel	Diesel	Diesel	Diesel	Diesel
Cooling system		Water + air	Water + air	Water + air	Water + air	Water + air	Water + air
Displacement	l	37,1	37,1	49,0	49,0	49,0	49,0
Engine output	kW	890	890	1110	1110	1195	1195
Starter	V	24	24	24	24	24	24
Engine oil volume	l	200	200	180	180	180	180
Fuel consumption load 100/75%	l / h	216,7 / 166,8	216,7 / 166,8	261,3 / 201,7	261,3 / 201,7	280,0 / 211,4	280,0 / 211,4
Generator		synchronous	synchronous	synchronous	synchronous	synchronous	synchronous
Isolation type		H	H	H	H	H	H
Protection class		IP 23	IP 23	IP 23	IP 23	IP 23	IP 23

Additional options and detailed genset information can be found at the end of this catalog, where all available configurations and technical specifications are clearly listed

1500 - 1900 KVA ENGINES MITSUBISHI



Model		RID 1500 E-SERIES	RID 1500 E-SERIES S	RID 1700 E-SERIES	RID 1700 E-SERIES S	RID 1900 E-SERIES	RID 1900 E-SERIES S
Version		open skid	silent	open skid	silent	open skid	silent
Nom. output P.R.P. (cos = 0,8)	**kVA/kW**	**1500 / 1200**	**1500 / 1200**	**1700 / 1360**	**1700 / 1360**	**1900 / 1520**	**1900 / 1520**
Maximum / Nominal current	A	2165,0 | 1732,0	2165,0 | 1732,0	2453,7 | 1962,9	2453,7 | 1962,9	2742,4 | 2193,9	2742,4 | 2193,9
Voltage	V	230 / 400	230 / 400	230 / 400	230 / 400	230 / 400	230 / 400
Frequency	Hz	50	50	50	50	50	50
Dimensions (L x W x H)	mm	5300x2100x2600	8000x2400x2900	5060x2260x2790	12192x2438x2591	5060x2260x2790	12192x2438x2591
Weight	kg	11900	14200	12500	17500	15000	18800
Noise level	dB(A)	102	72	105	73	105	73
Fuel tank capacity	l	bis zu 1000	bis zu 1000	bis zu 1000	bis zu 1000	bis zu 1000	bis zu 1000
Engine	**Mitsubishi**	**S12R-PTAA2**	**S12R-PTAA2**	**S16R-PTA**	**S16R-PTA**	**S16R-PTA2**	**S16R-PTA2**
Speed range	rpm	1500	1500	1500	1500	1500	1500
Speed governor		electrical	electrical	electrical	electrical	electrical	electrical
Fuel		Diesel	Diesel	Diesel	Diesel	Diesel	Diesel
Cooling system		Water + air	Water + air	Water + air	Water + air	Water + air	Water + air
Displacement	l	49,0	49,0	65,4	65,4	65,4	65,4
Engine output	kW	1277	1277	1480	1480	1630	1630
Starter	V	24	24	24	24	24	24
Engine oil volume	l	180	180	230	230	230	230
Fuel consumption load 100/75%	l / h	308,9 / 231,7	308,9 / 231,7	375 / 260	375 / 260	375 / 260	375 / 260
Generator		synchronous	synchronous	synchronous	synchronous	synchronous	synchronous
Isolation type		H	H	H	H	H	H
Protection class		IP 23	IP 23	IP 23	IP 23	IP 23	IP 23

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2000 - 2500 KVA ENGINES MITSUBISHI



Model		RID 2000 E-SERIES	RID 2000 E-SERIES S	RID 2250 E-SERIES	RID 2250 E-SERIES S	RID 2500 E-SERIES	RID 2500 E-SERIES S
Version		open skid	silent	open skid	silent	open skid	silent
Nom. output P.R.P. (cos = 0,8)	**kVA/kW**	**2000 / 1600**	**2000 / 1600**	**2250 / 1800**	**2250 / 1800**	**2500 / 2000**	**2500 / 2000**
Maximum / Nominal current	A	2886,7 | 2309,4	2886,7 | 2309,4	3247,5 | 2598,0	3247,5 | 2598,0	3608,4 | 2886,7	3608,4 | 2886,7
Voltage	V	230 / 400	230 / 400	230 / 400	230 / 400	230 / 400	230 / 400
Frequency	Hz	50	50	50	50	50	50
Dimensions (L x W x H)	mm	6170x2200x2700	12192x2438x2591	6170x2200x2700	12192x2438x2591	6170x2200x2700	12192x2438x2591
Weight	kg	16200	19500	17000	20500	18000	21000
Noise level	dB(A)	105	73	105	73	105	73
Fuel tank capacity	l	bis zu 1000	bis zu 1000	bis zu 1000	bis zu 1000	bis zu 1000	bis zu 1000
Engine	**Mitsubishi**	**S16R-PTAA2**	**S16R-PTAA2**	**S16R2-PTAW**	**S16R2-PTAW**	**S16R2-PTAW-E**	**S16R2-PTAW-E**
Speed range	**rpm**	1500	1500	1500	1500	1500	1500
Speed governor		electrical	electrical	electrical	electrical	electrical	electrical
Fuel		Diesel	Diesel	Diesel	Diesel	Diesel	Diesel
Cooling system		Water + air	Water + air	Water + air	Water + air	Water + air	Water + air
Displacement	l	65,4	65,4	79,9	79,9	79,9	79,9
Engine output	kW	1895	1895	1960	1960	2068	2068
Starter	V	24	24	24	24	24	24
Engine oil volume	l	230	230	230	230	290	290
Fuel consumption load 100/75%	l / h	402 / 307	402 / 307	470 / 350	470 / 350	502 / 372	502 / 372
Generator		synchronous	synchronous	synchronous	synchronous	synchronous	synchronous
Isolation type		H	H	H	H	H	H
Protection class		IP 23	IP 23	IP 23	IP 23	IP 23	IP 23

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Building on decades of engineering expertise, Hyundai has continued the legacy established by Doosan's engine division, which began manufacturing Korea's first diesel engines in 1958. Today, Hyundai supplies advanced diesel and natural gas engines for power generation, industrial equipment, commercial vehicles and marine applications worldwide.

Drawing on more than half a century of engine development experience, Hyundai power units combine high performance, reliability and efficiency in a compact design. Modern engine platforms offer increased power density while maintaining a robust mechanical architecture, providing customers with dependable operation and simplified maintenance.

Engineered for demanding applications, Hyundai engines feature reinforced components and durable construction to ensure long service life and excellent operational reliability. Their compact dimensions and optimized power-to-size ratio allow for flexible installation while delivering outstanding performance across a wide range of power generation requirements.

Through continuous innovation and product development, Hyundai remains committed to improving efficiency, durability and environmental performance. The result is a powerful and cost-effective engine solution that delivers dependable power while meeting the expectations of modern power generation markets.



150 - 200 KVA ENGINES HYUNDAI



Model		RID 150 B-SERIES	RID 150 B-SERIES S	RID 200 B-SERIES	RID 200 B-SERIES S
Version		open skid	silent	open skid	silent
Nom. output P.R.P. (cos = 0,8)	**kVA/kW**	**150 / 120**	**150 / 120**	**200 / 160**	**200 / 160**
Maximum / Nominal current	A	216,5 | 173,2	216,5 | 173,2	288,6 | 230,9	288,6 | 230,9
Voltage	V	230 / 400	230 / 400	230 / 400	230 / 400
Frequency	Hz	50	50	50	50
Dimensions (L x W x H)	mm	2600x1200x1940	3350x1430x2114	2600x1200x1940	3350x1430x2114
Weight	kg	1820	2190	2028	2500
Noise level	dB(A)	83	69	85	69
Fuel tank capacity	l	350	750	500	750
Engine	**Hyundai**	**DP086TA**	**DP086TA**	**P086TI**	**P086TI**
Speed range	rpm	1500	1500	1500	1500
Speed governor		electrical	electrical	electrical	electrical
Fuel		Diesel	Diesel	Diesel	Diesel
Cooling system		Water + air	Water + air	Water + air	Water + air
Displacement	l	8,1	8,1	8,1	8,1
Engine output	kW	137	137	177	177
Starter	V	24	24	24	24
Engine oil volume	l	15,5	15,5	15,5	15,5
Fuel consumption load 100/75%	l / h	33,7 / 25,5	33,7 / 25,5	43,1 / 31,7	43,1 / 31,7
Generator		synchronous	synchronous	synchronous	synchronous
Isolation type		H	H	H	H
Protection class		IP 23	IP 23	IP 23	IP 23

Additional options and detailed genset information can be found at the end of this catalog, where all available configurations and technical specifications are clearly listed

250 - 300 KVA ENGINES HYUNDAI



Model		RID 250 B-SERIES	RID 250 B-SERIES S	RID 300 B-SERIES	RID 300 B-SERIES S
Version		open skid	silent	open skid	silent
Nom. output P.R.P. (cos = 0,8)	**kVA/kW**	**250 / 200**	**250 / 200**	**300 / 240**	**300 / 240**
Maximum / Nominal current	A	360,8 | 288,6	360,8 | 288,6	433,0 | 346,4	433,0 | 346,4
Voltage	V	230 / 400	230 / 400	230 / 400	230 / 400
Frequency	Hz	50	50	50	50
Dimensions (L x W x H)	mm	2600x1200x1940	3350x1430x2114	2850x1700x2047	3351x1740x2411
Weight	kg	2150	2995	2835	3510
Noise level	dB(A)	86	70	88	71
Fuel tank capacity	l	500	750	1000	1000
Engine	**Hyundai**	**P126TI**	**P126TI**	**P126TI-2**	**P126TI-2**
Speed range	**rpm**	1500	1500	1500	1500
Speed governor		electrical	electrical	electrical	electrical
Fuel		Diesel	Diesel	Diesel	Diesel
Cooling system		Water + air	Water + air	Water + air	Water + air
Displacement	l	11,0	11,0	11,0	11,0
Engine output	kW	241	241	265	265
Starter	V	24	24	24	24
Engine oil volume	l	23	23	23	23
Fuel consumption load 100/75%	l / h	58,1 / 43,6	58,1 / 43,6	63,1 / 47	63,1 / 47
Generator		synchronous	synchronous	synchronous	synchronous
Isolation type		H	H	H	H
Protection class		IP 23	IP 23	IP 23	IP 23

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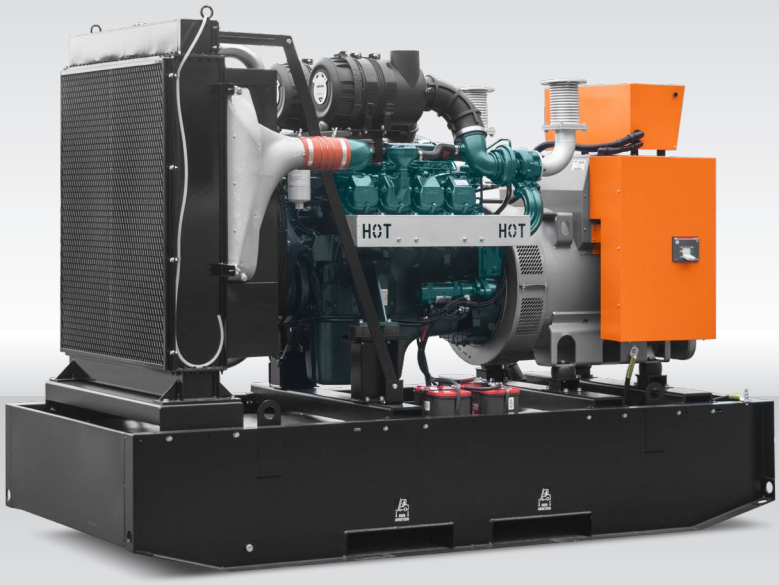
350 - 450 KVA ENGINES HYUNDAI



Model		RID 350 B-SERIES	RID 350 B-SERIES S	RID 400 B-SERIES	RID 400 B-SERIES S	RID 450 B-SERIES	RID 450 B-SERIES S
Version		open skid	silent	open skid	silent	open skid	silent
Nom. output P.R.P. (cos = 0,8)	**kVA/kW**	**350 / 280**	**670 / 536**	**400 / 320**	**400 / 320**	**450 / 360**	**450 / 360**
Maximum / Nominal current	A	505,1 | 404,1	505,1 | 404,1	577,3 | 461,8	577,3 | 461,8	649,5 | 519,6	649,5 | 519,6
Voltage	V	230 / 400	230 / 400	230 / 400	230 / 400	230 / 400	230 / 400
Frequency	Hz	50	50	50	50	50	50
Dimensions (L x W x H)	mm	2850x1700x2210	3351x1740x2411	3050x1420x2300	4000x1940x2425	3050x1420x2300	4000x1940x2425
Weight	kg	3050	3700	3150	4370	3400	4550
Noise level	dB(A)	85	71	83	71	83	71
Fuel tank capacity	l	1000	1000	1000	1000	1000	1000
Engine	**Hyundai**	**DP126LB**	**DP126LB**	**P158LE**	**P158LE**	**DP158LC**	**DP158LC**
Speed range	rpm	1500	1500	1500	1500	1500	1500
Speed governor		electrical	electrical	electrical	electrical	electrical	electrical
Fuel		Diesel	Diesel	Diesel	Diesel	Diesel	Diesel
Cooling system		Water + air	Water + air	Water + air	Water + air	Water + air	Water + air
Displacement	l	11,0	11,0	14,6	14,6	14,6	14,6
Engine output	kW	327	327	363	363	408	408
Starter	V	24	24	24	24	24	24
Engine oil volume	l	21	21	21	21	22	22
Fuel consumption load 100/75%	l / h	76,0 / 57,1	76,0 / 57,1	89,3 / 65,1	89,3 / 65,1	99,6 / 72,9	99,6 / 72,9
Generator		synchronous	synchronous	synchronous	synchronous	synchronous	synchronous
Isolation type		H	H	H	H	H	H
Protection class		IP 23	IP 23	IP 23	IP 23	IP 23	IP 23

Additional options and detailed genset information can be found at the end of this catalog, where all available configurations and technical specifications are clearly listed

500 - 600 KVA ENGINES HYUNDAI



Model		RID 500 B-SERIES	RID 500 B-SERIES S	RID 550 B-SERIES	RID 550 B-SERIES S	RID 600 B-SERIES	RID 600 B-SERIES S
Version		open skid	silent	open skid	silent	open skid	silent
Nom. output P.R.P. (cos = 0,8)	**kVA/kW**	**500 / 400**	**500 / 400**	**550 / 440**	**550 / 440**	**600 / 480**	**600 / 480**
Maximum / Nominal current	A	721,6 | 577,3	721,6 | 577,3	793,8 | 635,0	793,8 | 635,0	866,0 | 692,8	866,0 | 692,8
Voltage	V	230 / 400	230 / 400	230 / 400	230 / 400	230 / 400	230 / 400
Frequency	Hz	50	50	50	50	50	50
Dimensions (L x W x H)	mm	3050x1420x2168	4000x1940x2383	3050x1420x2168	4000x1940x2383	3050x1420x2260	4400x2140x2549
Weight	kg	3600	4900	3850	5300	4020	5600
Noise level	dB(A)	83	72	83	72	83	73
Fuel tank capacity	l	bis zu 1000	bis zu 1000	bis zu 1000	bis zu 1000	bis zu 1000	bis zu 1000
Engine	**Hyundai**	**DP158LD**	**DP158LD**	**DP180LA**	**DP180LA**	**DP180LB**	**DP180LB**
Speed range	**rpm**	1500	1500	1500	1500	1500	1500
Speed governor		electrical	electrical	electrical	electrical	electrical	electrical
Fuel		Diesel	Diesel	Diesel	Diesel	Diesel	Diesel
Cooling system		Water + air	Water + air	Water + air	Water + air	Water + air	Water + air
Displacement	l	14,6	14,6	18,3	18,3	18,3	18,3
Engine output	kW	464	464	502	502	556	556
Starter	V	24	24	24	24	24	24
Engine oil volume	l	22	22	34	34	34	34
Fuel consumption load 100/75%	l / h	115,1 / 83,4	115,1 / 83,4	123,6 / 94,2	123,6 / 94,2	136,4 / 103,8	136,4 / 103,8
Generator		synchronous	synchronous	synchronous	synchronous	synchronous	synchronous
Isolation type		H	H	H	H	H	H
Protection class		IP 23	IP 23	IP 23	IP 23	IP 23	IP 23

Additional options and detailed genset information can be found at the end of this catalog, where all available configurations and technical specifications are clearly listed

670 - 900 KVA ENGINES HYUNDAI



Model		RID 670 B-SERIES	RID 670 B-SERIES S	RID 750 B-SERIES	RID 750 B-SERIES S	RID 900 B-SERIES	RID 900 B-SERIES S
Version		open skid	silent	open skid	silent	open skid	silent
Nom. output P.R.P. (cos = 0,8)	**kVA/kW**	**670 / 536**	**670 / 536**	**750 / 600**	**750 / 600**	**900 / 720**	**900 / 720**
Maximum / Nominal current	A	967,0 | 773,6	967,0 | 773,6	1082,5 | 866,0	1082,5 | 866,0	1299,0 | 1039,2	1299,0 | 1039,2
Voltage	V	230 / 400	230 / 400	230 / 400	230 / 400	230 / 400	230 / 400
Frequency	Hz	50	50	50	50	50	50
Dimensions (L x W x H)	mm	4100x1800x2100	4400x2140x2549	4200x1800x2100	5300x2450x2700	4300x2000x2200	5300x2450x2700
Weight	kg	6100	7400	7400	10100	7500	10200
Noise level	dB(A)	85	73	85	73	95	73
Fuel tank capacity	l	1000	1000	1000	1000	1000	1000
Engine	**Hyundai**	**DP222LB**	**DP222LB**	**DP222LC**	**DP222LC**	**DP222CC**	**DP222CC**
Speed range	rpm	1500	1500	1500	1500	1500	1500
Speed governor		electrical	electrical	electrical	electrical	electrical	electrical
Fuel		Diesel	Diesel	Diesel	Diesel	Diesel	Diesel
Cooling system		Water + air	Water + air	Water + air	Water + air	Water + air	Water + air
Displacement	l	21,9	21,9	21,9	21,9	21,9	21,9
Engine output	kW	604	604	657	657	790	790
Starter	V	24	24	24	24	24	24
Engine oil volume	l	40	40	40	40	75	75
Fuel consumption load 100/75%	l / h	147,1 / 109,2	147,1 / 109,2	161,0 / 119,1	161,0 / 119,1	190,0 / 147,0	190,0 / 147,0
Generator		synchronous	synchronous	synchronous	synchronous	synchronous	synchronous
Isolation type		H	H	H	H	H	H
Protection class		IP 23	IP 23	IP 23	IP 23	IP 23	IP 23

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As part of Rolls-Royce Power Systems, MTU is recognized worldwide as a leading manufacturer of high-performance diesel engines and integrated power solutions. Building on more than a century of engineering excellence, MTU continues a legacy of innovation that has played a significant role in shaping modern engine technology.

MTU engines are renowned for their outstanding power density, fuel efficiency, low emissions and exceptional reliability. Designed for demanding continuous-duty applications, they deliver dependable performance while maintaining low operating costs and maximum operational availability.

Advanced fuel injection technology, sophisticated electronic engine management systems and state-of-the-art combustion concepts contribute to the outstanding efficiency and durability of MTU engines. These technologies ensure optimized fuel consumption, reduced emissions and consistent performance under the most challenging operating conditions.

As a systems specialist, MTU continuously expands its portfolio with intelligent monitoring, control and automation solutions. Through ongoing innovation and the integration of advanced technologies, MTU remains committed to delivering highly efficient, reliable and future-ready power solutions for customers around the world.



600 - 800 KVA ENGINES MTU



Model		RID 600 G-SERIES	RID 600 G-SERIES S	RID 650 G-SERIES	RID 650 G-SERIES S	RID 800 G-SERIES	RID 800 G-SERIES S
Version		open skid	silent	open skid	silent	open skid	silent
Nom. output P.R.P. (cos = 0,8)	**kVA/kW**	**600 / 480**	**600 / 480**	**650 / 520**	**650 / 520**	**800 / 640**	**800 / 640**
Maximum / Nominal current	A	866,0 | 692,8	866,0 | 692,8	938,1 |750,5	938,1 |750,5	1154,7 | 923,7	1154,7 | 923,7
Voltage	V	230 / 400	230 / 400	230 / 400	230 / 400	230 / 400	230 / 400
Frequency	Hz	50	50	50	50	50	50
Dimensions (L x W x H)	mm	3050x1420x2260	4400x2140x2549	3050x1420x2260	4400x2140x2549	4100x1800x2100	5300x2450x2700
Weight	kg	4500	5900	4500	5900	6500	9900
Noise level	dB(A)	83	73	83	73	81	73
Fuel tank capacity	l	1000	1000	1000	1000	1000	1000
Engine	**MTU**	**12V 1600 G10F**	**12V 1600 G10F**	**12 V 1600 G20F**	**12 V 1600 G20F**	**12 V 2000 G26F**	**12 V 2000 G26F**
Speed range	rpm	1500	1500	1500	1500	1500	1500
Speed governor		electrical	electrical	electrical	electrical	electrical	electrical
Fuel		Diesel	Diesel	Diesel	Diesel	Diesel	Diesel
Cooling system		Water + air	Water + air	Water + air	Water + air	Water + air	Water + air
Displacement	l	21	21	21	21	26,8	26,8
Engine output	kW	524	524	576	576	709	709
Starter	V	24	24	24	24	24	24
Engine oil volume	l	64	64	64	64	80	80
Fuel consumption load 100/75%	l / h	119,8 / 93,1	119,8 / 93,1	131,7 / 101,3	131,7 / 101,3	160,3 / 122,2	160,3 / 122,2
Generator		synchronous	synchronous	synchronous	synchronous	synchronous	synchronous
Isolation type		H	H	H	H	H	H
Protection class		IP 23	IP 23	IP 23	IP 23	IP 23	IP 23

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900 - 1250 KVA ENGINES MTU



Model		RID 900 G-SERIES	RID 900 G-SERIES S	RID 1000 G-SERIES	RID 1000 G-SERIES S	RID 1250 G-SERIES	RID 1250 G-SERIES S
Version		open skid	silent	open skid	silent	open skid	silent
Nom. output P.R.P. (cos = 0,8)	**kVA/kW**	**900 / 720**	**900 / 720**	**1000 / 800**	**1000 / 800**	**1250 / 1000**	**1250 / 1000**
Maximum / Nominal current	A	1299,0 | 1039,2	1299,0 | 1039,2	1443,3 | 1154,7	1443,3 | 1154,7	1804,2 | 1443,3	1804,2 | 1443,3
Voltage	V	230 / 400	230 / 400	230 / 400	230 / 400	230 / 400	230 / 400
Frequency	Hz	50	50	50	50	50	50
Dimensions (L x W x H)	mm	4500x2000x2200	6000x2700x2900	4500x2000x2200	6000x2700x2900	4500x2100x2400	6100x2700x2900
Weight	kg	7500	10200	7500	10200	11000	12900
Noise level	dB(A)	100	71	100	71	105	72
Fuel tank capacity	l	bis zu 1000	bis zu 1000	bis zu 1000	bis zu 1000	bis zu 1000	bis zu 1000
Engine	**MTU**	**16V 2000 G16F**	**16V 2000 G16F**	**16V 2000 G26F**	**16V 2000 G26F**	**18 V 2000 G26F**	**18 V 2000 G26F**
Speed range	rpm	1500	1500	1500	1500	1500	1500
Speed governor		electrical	electrical	electrical	electrical	electrical	electrical
Fuel		Diesel	Diesel	Diesel	Diesel	Diesel	Diesel
Cooling system		Water + air	Water + air	Water + air	Water + air	Water + air	Water + air
Displacement	l	31,8	31,8	31,8	31,8	40,2	40,2
Engine output	kW	806	806	890	890	1102	1102
Starter	V	24	24	24	24	24	24
Engine oil volume	l	102	102	102	102	110	110
Fuel consumption load 100/75%	l / h	178 / 136	178 / 136	202,4 / 154,2	202,4 / 154,2	261,1 / 194,8	261,1 / 194,8
Generator		synchronous	synchronous	synchronous	synchronous	synchronous	synchronous
Isolation type		H	H	H	H	H	H
Protection class		IP 23	IP 23	IP 23	IP 23	IP 23	IP 23

Additional options and detailed genset information can be found at the end of this catalog, where all available configurations and technical specifications are clearly listed

Founded in 1912, Yanmar is one of the world's leading manufacturers of compact diesel engines. Renowned for their reliability, compact design and exceptional power density, Yanmar engines are trusted across a wide range of power generation and industrial applications.

Yanmar offers an extensive portfolio of diesel engines covering diverse performance requirements and operating environments. Developed and manufactured primarily in Japan, these engines are built to the highest quality standards and reflect more than a century of engineering expertise.

Yanmar engines combine excellent fuel efficiency with outstanding performance, providing a cost-effective and dependable power solution. Their advanced design ensures low noise levels, reduced emissions and environmentally responsible operation without compromising durability or reliability.

Even under demanding operating conditions, Yanmar engines deliver consistent performance and long service life. Their robust construction, efficient operation and proven dependability make them an ideal choice for modern power generation applications worldwide.



30 - 40 KVA ENGINES YANMAR



Model		RID 30 Y-SERIES	RID 30 Y-SERIES S	RID 40 Y-SERIES	RID 40 Y-SERIES S
Version		open skid	silent	open skid	silent
Nom. output P.R.P. (cos = 0,8)	**kVA/kW**	**30 / 24**	**30 / 24**	**40 / 32**	**40 / 32**
Maximum / Nominal current	A	43,3 | 34,6	43,3 | 34,6	57,7 | 46,1	57,7 | 46,1
Voltage	V	230 / 400	230 / 400	230 / 400	230 / 400
Frequency	Hz	50	50	50	50
Dimensions (L x W x H)	mm	1500x752x1204	1800x940x1310	1500x752x1262	1800x940x1310
Weight	kg	670	815	710	920
Noise level	dB(A)	85	69	85	69
Fuel tank capacity	l	150	230	150	230
Engine	**YANMAR**	**4TNV98I-G**	**4TNV98I-G**	**4TNV98T-G**	**4TNV98T-G**
Speed range	rpm	1500	1500	1500	1500
Speed governor		mechanical	mechanical	mechanical	mechanical
Fuel		Diesel	Diesel	Diesel	Diesel
Cooling system		Water + air	Water + air	Water + air	Water + air
Displacement	l	3,3	3,3	3,3	3,3
Engine output	kW	31	31	38	38
Starter	V	12	12	12	12
Engine oil volume	l	10,5	10,5	10,5	10,5
Fuel consumption load 100/75%	l / h	7,6 / 5,7	7,6 / 5,7	9,16 / 6,94	9,16 / 6,94
Generator		synchronous	synchronous	synchronous	synchronous
Isolation type		H	H	H	H
Protection class		IP 23	IP 23	IP 23	IP 23

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TELECOM GENSET

CANOPY DESIGN:

- Anti vandal design
- Low noise level design
- Low dimension design
- Fuel tank available in four capacities: 300L, 500L, 700L and 900L
- Easy maintenance access
- Disassemble able
- High accuracy fuel control (1%)
- Full remote implemented
- No switch box access from outside, only with open canopy

ANTI VANDAL DESIGN:

- Air inlet indirect and covered 100% with metal sheet, no direct access with stick, pin, etc..
- Air outlet indirect to the side, same as above
- 100% No bolt fixing outside, no hinges
- No direct cable connection outside, only through basement
- Canopy made from one single welded part, no disassembly
- Individual lock design per each genset possible



10 - 15 KVA ENGINES MITSUBISHI





Model		RID 10 E-SERIES S	RID 10/1 E-SERIES S	RID 15 E-SERIES	RID 15/1 E-SERIES S
Version		silent	silent	silent	silent
Nom. output P.R.P. (cos = 0,8)	**kVA/kW**	**10 / 8**	**10 / 8**	**15 / 12**	**15 / 12**
Maximum / Nominal current	A	14,4 | 11,5	43,5	21,6 | 17,3	65,2
Voltage	V	230 / 400	230 / -	230 / 400	230 / -
Frequency	Hz	50	50	50	50
Dimensions (L x W x H)	mm	1650x1100x1575	1650x1100x1575	1650x1100x1575	1650x1100x1575
Weight	kg	655	595	700	685
Noise level	dB(A)	59	59	59	59
Fuel tank capacity	l	300 *(opt. 500/700/900)*	300 *(opt. 500/700/900)*	300 *(opt. 500/700/900)*	300 *(opt. 500/700/900)*
Engine	**Mitsubishi**	**S3L2**	**S3L2**	**S4L2**	**S4L2**
Speed range	**rpm**	1500	1500	1500	1500
Speed governor		mechanical	mechanical	mechanical	mechanical
Fuel		Diesel	Diesel	Diesel	Diesel
Cooling system		Water + air	Water + air	Water + air	Water + air
Displacement	l	1,3	1,3	3,3	3,3
Engine output	kW	9,9	9,9	14,5	14,5
Starter	V	12	12	12	12
Engine oil volume	l	4,2	4,2	6,0	6,0
Fuel consumption load 100/75%	l / h	3,1 / 2,4	3,1 / 2,4	4,4 / 3,4	4,4 / 3,4
Generator		synchronous	synchronous	synchronous	synchronous
Isolation type		H	H	H	H
Protection class		IP 23	IP 23	IP 23	IP 23

Additional options and detailed genset information can be found at the end of this catalog, where all available configurations and technical specifications are clearly listed

20 - 40 KVA ENGINES DEUTZ





Model		RID 20 S-SERIES	RID 20/1 S-SERIES S	RID 30 S-SERIES	RID 40 S-SERIES S
Version		silent	silent	silent	silent
Nom. output P.R.P. (cos = 0,8)	**kVA/kW**	**20 / 16**	**20 / 16**	**30 / 24**	**40 / 32**
Maximum / Nominal current	A	28,8 | 23,0	86,9 | -	43,3 | 34,6	57,7 | 46,1
Voltage	V	230 / 400	230 / -	230 / 400	230 / 400
Frequency	Hz	50	50	50	50
Dimensions (L x W x H)	mm	1650x1100x1575	1650x1100x1575	1850x1100x1490	1850x1100x1490
Weight	kg	655	655	1190	1250
Noise level	dB(A)	59	59	60	60
Fuel tank capacity	l	300 *(opt. 500/700/900)*	300 *(opt. 500/700/900)*	300 *(opt. 500/700/900)*	300 *(opt. 500/700/900)*
Engine	**DEUTZ**	**F3M2011**	**F3M2011**	**F4M2011**	**BF4M2011**
Speed range	**rpm**	1500	1500	1500	1500
Speed governor		mechanical	mechanical	mechanical	mechanical
Fuel		Diesel	Diesel	Diesel	Diesel
Cooling system		Oil + air	Oil + air	Oil + air	Oil + air
Displacement	l	2,3	2,3	3,1	3,1
Engine output	kW	20,4	20,4	29,4	29,4
Starter	V	12	12	12	12
Engine oil volume	l	9,0	9,0	13,5	13,5
Fuel consumption load 100/75%	l / h	5,8 / 4,2	5,8 / 4,2	8,0 / 5,8	11,3 / 8,1
Generator		synchronous	synchronous	synchronous	synchronous
Isolation type		H	H	H	H
Protection class		IP 23	IP 23	IP 23	IP 23

Additional options and detailed genset information can be found at the end of this catalog, where all available configurations and technical specifications are clearly listed



In the field of fire and civil protection, practical implementation of real operational requirements is a top priority. Every solution is individually engineered to meet the specific needs, procedures and standards of the respective organization. Particular emphasis is placed on reliability, ease of operation and maximum readiness for deployment under the most demanding conditions. The result is a carefully designed system that delivers safe, efficient and dependable performance whenever it matters most.





57 dB(A)

Our solutions are not built for mass production but are individually engineered to meet each customer's specific requirements. We place great emphasis on personal consultation and tailor-made configurations designed to match the intended application precisely. From initial planning through final implementation, every project is managed with the highest level of precision, flexibility and attention to detail. The result is a power solution that not only meets the highest technical standards but is also perfectly integrated into its operational environment.

AVAILABLE OPTIONS



An **Automatic Transfer Switch (ATS)** enables a genset to automatically take over the power supply in the event of a mains power failure without any manual intervention. It ensures continuous or minimally interrupted power availability by starting the generator, transferring the load and switching back to the utility supply once mains power has been restored.

Key Functions and Benefits

Automatic Start/Stop: The ATS continuously monitors the utility power supply. In the event of a power outage, it automatically starts the generator and transfers the load. Once mains power returns and stabilizes, the ATS switches the load back and shuts down the generator.

Safe Power Transfer: The ATS safely disconnects the installation from the utility grid before connecting it to the generator. This prevents back-feeding and ensures safe operation for both equipment and personnel.

Continuous System Monitoring: The ATS constantly monitors the status of the power supply and generator operation, ensuring a reliable and seamless transition between utility and backup power sources.



The **Engine Coolant & Oil Preheating System** keeps the engine at an optimal operating temperature even while the genset is on standby, ensuring immediate readiness for operation. By maintaining a preheated engine, starting performance, efficiency and overall engine longevity are significantly improved. Coolant heaters equipped with integrated circulation pumps provide uniform temperature distribution throughout the entire engine block.

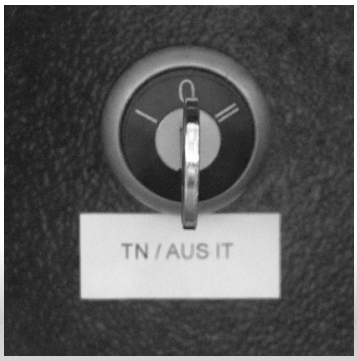
Immediate Readiness: Eliminates cold starts, allowing the engine to start quickly and reach full operating performance without delay.

Reduced Engine Wear: Preheated oil ensures immediate lubrication of critical engine components, minimizing mechanical wear during startup.

Extended Battery Life: Lower starting resistance reduces the load on both the starter motor and the battery, improving reliability and service life.

Condensation Prevention: Helps prevent moisture buildup inside the engine, protecting lubricants and internal components from corrosion and degradation.

Lower Emissions: Optimized combustion during startup reduces exhaust emissions and contributes to more environmentally friendly operation.



IT/TN System Switching allows electrical installations to operate flexibly within different grounding configurations, enhancing both safety and application versatility.

Flexible Network Configuration: Enables switching between IT systems (ungrounded) and TN systems (grounded) to meet specific operational requirements.

Enhanced Safety: Allows the power system to be adapted to different protection concepts, safety standards and site conditions.

Versatile Applications: Suitable for construction sites, industrial facilities and sensitive environments such as events, emergency operations and temporary installations.

Compliance with Standards: Supports compliance with applicable regulations, standards and installation requirements.



A **fuel filter with an integrated water separator** protects the engine by removing water from the fuel before it reaches sensitive components. Due to its higher density, water is separated from the fuel and collected within the filter housing, where it can be easily drained. This helps improve operational reliability and extends engine service life.

Corrosion Protection: Water contamination can promote corrosion and cause damage to critical components such as fuel pumps and injectors.

Preserved Lubrication Properties: Water reduces the lubricating capability of diesel fuel, leading to increased wear of fuel system components.

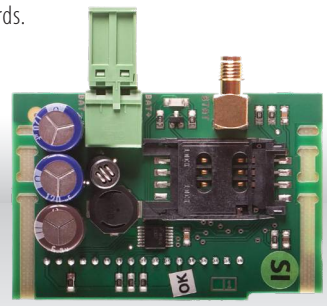
Reliable Combustion: Removing water from the fuel ensures efficient combustion, preventing power loss, unstable engine operation and unexpected shutdowns.

Prevention of Microbial Growth: Water-contaminated diesel fuel can promote the growth of microorganisms, commonly known as "diesel bug." These contaminants can create deposits that clog filters and fuel lines, negatively affecting system performance and reliability.

AVAILABLE OPTIONS



A **Insulation Monitoring System (Bender)** in a genset or standby power generator enhances electrical safety and increases power supply availability. It continuously monitors the insulation resistance in ungrounded (IT) systems and detects faults at an early stage before they can develop into critical failures.
Protection Against Electric Shock: Insulation faults are detected before hazardous touch voltages can develop, significantly improving personnel safety.
High Operational Reliability: Unlike conventional protection devices, the generator does not have to shut down immediately after the first insulation fault, allowing continued operation while maintaining system safety.
Reduced Downtime: Early fault detection enables preventive maintenance and planned service intervals, minimizing the risk of unexpected failures and costly outages.
Standards Compliance: For many mobile power generation applications, such as construction sites, emergency services and civil protection organizations, insulation monitoring is required to comply with applicable safety regulations and industry standards.



An **LTE or LAN modem with SNMP v2** enables reliable remote monitoring, control and diagnostics of a genset via mobile or IP-based networks. It allows seamless integration into supervisory control systems, building management systems and cloud-based monitoring platforms.
Remote Monitoring: Access real-time operating data including voltage, frequency, engine temperature, oil pressure, fuel level and operating hours.
Alarm & Fault Notifications: Automatic SNMP traps provide immediate alerts when alarms occur or predefined limits are exceeded, ensuring rapid response to critical events.
Remote Control: The generator can be started, stopped or reset remotely, improving operational flexibility and reducing response times.
System Integration: SNMP v2 offers straightforward implementation and broad compatibility with industrial monitoring and automation platforms.



An **integrated load bank** is a permanently installed testing system designed to simulate electrical loads within a genset. It enables realistic testing of both the engine and alternator without the need for external equipment, improving overall system reliability and operational readiness.
Prevention of Wet Stacking: Regular operation under load helps burn off carbon deposits and allows the engine to reach its optimal operating temperature.
Routine Performance Testing: Automated full-load test runs verify that the genset can deliver its rated output whenever required.
Space-Saving & Efficient Design: The integrated solution reduces installation requirements and eliminates the need for external load banks.
System Validation: Allows testing of cooling, fuel and control systems under realistic operating conditions.
Typical Applications: Ideal for data centers, hospitals, telecommunications facilities and other critical infrastructure applications.



A **Battery charger** in a genset or standby power system ensures that the starter battery remains fully charged and ready for operation at all times. Continuous maintenance charging helps extend battery life and guarantees reliable engine starting whenever backup power is required.
Reliable Starting Performance: Prevents battery self-discharge, particularly in standby generators that operate infrequently.
Maintenance Charging: Advanced charging technologies, such as IUoU charging, automatically adapt to the battery type and help prevent sulfation.
Automatic Operation: Continuously monitors battery voltage and charging status, providing fully automatic and maintenance-free operation.
Independent Charging Capability: Allows battery charging even when utility power is unavailable, ensuring maximum system readiness.

AVAILABLE OPTIONS



Type A and Type B residual current circuit breakers (RCCBs) provide reliable protection against fault currents, enhancing the electrical safety of both equipment and connected loads. They detect hazardous leakage currents at an early stage and automatically disconnect the circuit in the event of a fault. Depending on the selected type, the devices can detect AC, pulsating DC and smooth DC residual currents.
Reliable Personnel Protection: Fast disconnection in the event of a fault helps prevent dangerous touch voltages and electric shock hazards.
Type A / Type B Versions: Suitable for standard applications as well as advanced systems equipped with frequency converters, inverters and electronic loads.
Enhanced Operational Safety: Reduces risks to personnel, equipment and electrical installations.
Standards Compliance: Designed to meet applicable electrical safety and installation standards.



An **external 720- or 1000-liter fuel tank** significantly extends the operating time of a standby generator, allowing long periods of operation without manual refueling. This ensures maximum fuel autonomy and a reliable power supply, particularly during extended outages or continuous-duty applications.
Extended Runtime: Provides substantially longer operating periods, allowing many gensets to run for 24 hours or more without refueling.
Double-Wall Construction: Integrated leak protection helps ensure compliance with applicable environmental and safety regulations.
Fuel Level Monitoring (*Optional*): An optional level sensor enables continuous fuel monitoring and timely refueling planning.
Suitable for Outdoor Installation: Robust construction and integrated indicators make the tank ideal for reliable outdoor operation.



A **fuel transfer system** complete with diesel pump and 5-meter hose enables fast and safe fuel transfer from external fuel tanks to the genset. It is ideally suited for both stationary installations and mobile field applications.
Efficient Fuel Transfer: Self-priming 230 V diesel pump ensures reliable and efficient fuel delivery.
Flexible Refueling: The 5-meter hose provides convenient operation even when the fuel source is located at a greater distance.
Ready for Immediate Use: Compact, complete system design allows for quick installation and immediate operation.
Robust Construction: Designed for long-term use in industrial, construction and standby power applications.



A **3-way fuel valve** with quick couplings enables flexible external fuel supply and extends genset operating time without the need for manual refueling. It allows quick and convenient switching between the internal fuel tank and an external fuel source.
Fuel Source Selection: Easily switch between the internal tank and an external fuel supply, such as a fuel tank or fuel container.
Ideal for Extended Operation: Perfect for long runtime applications, as well as emergency service and civil protection operations.
Tool-Free Connection: Quick couplings allow fast connection and disconnection without the use of tools.
Clean & Safe Operation: Self-sealing connectors help prevent fuel leakage and air ingress into the fuel system.
Maximum Flexibility: External fuel tanks can be connected or disconnected quickly for transport, storage or deployment.

AVAILABLE OPTIONS





A **fire extinguisher and storage box** enhance the operational safety of standby generators by providing protected, readily accessible storage for essential safety equipment.
Enhanced Safety: The integrated fire extinguisher enables rapid response in the event of a fire near the generator.
Protected Storage: The robust storage box protects equipment from weather, dirt and mechanical damage.
Immediate Accessibility: All important safety equipment is centrally stored and easily accessible whenever needed.
Flexible Installation: Can be easily mounted on the genset or integrated into vehicle-mounted applications.
The combination of a fire extinguisher and storage box is particularly suitable for mobile power systems, construction equipment and emergency service vehicles.



Powder coating in standard or custom colors allows individual customization of the genset while providing a highly durable and long-lasting surface finish..
Custom Color Options: Available in standard colors or customized to match corporate branding and specific project requirements.
Superior Corrosion Protection: The durable coating provides reliable protection against weathering, corrosion and environmental influences.
Robust Surface Finish: Highly resistant to scratches, impacts and chemical exposure, ensuring long-term durability.
Consistent Quality: Uniform coating application delivers a clean, high-quality appearance and professional finish.
Powder coating combines functionality and aesthetics, making it ideal for demanding industrial and outdoor applications.



The **RID overvoltage protection** system has been specifically developed to protect both the RID controller and the customer's electrical installation against harmful overvoltages from the utility network. The system continuously monitors all three phases and reacts automatically when predefined voltage limits are exceeded.
Comprehensive Voltage Monitoring: All three phase conductors are continuously monitored to detect abnormal voltage conditions at an early stage.
Reliable System Protection: If the voltage between phase and neutral exceeds 280 V, the affected measuring circuit is disconnected from the RID controller and a potential-free alarm contact is activated.
Flexible Response Options: The alarm signal can be used to trigger a complete mains disconnection or generate a fault notification, depending on project requirements.
Integrated Device Protection: In the event of severe overvoltage above 400 V, an internal fuse provides additional protection for the monitoring device.



LED area and interior lighting for gensets provides optimal visibility and improves safety during operation, maintenance and servicing activities.
Flexible Configuration: Wahlweise 4x LED-Außenleuchten zur Umfeldbeleuchtung oder LED-Innenbeleuchtung im Gehäuse.
Excellent Visibility: Bright, uniform lighting ensures safe and efficient operation, even in low-light or nighttime conditions.
Energy Efficient: Modern LED technology offers low power consumption and a long service life.
Robust Design: Built for reliable operation in demanding industrial and outdoor environments.
Ideal for construction sites, emergency response vehicles and stationary installations where enhanced visibility and operational safety are essential.

AVAILABLE OPTIONS



Pneumatic Lighting Mast (5.5 m or 9 m) with 4 × 135 W LED Floodlights
The pneumatic lighting mast provides powerful and wide-area illumination for work sites and operational areas during nighttime or low-light conditions. Designed specifically for trailer-mounted applications, it can be seamlessly integrated into mobile systems and deployed flexibly at various locations. Its robust construction ensures reliable operation even when fully extended.
High-Performance Lighting: Four 135 W LED floodlights provide bright, uniform illumination across large working areas.
Pneumatic Mast System: Quick and easy extension to heights of 5.5 m or 9 m for optimal lighting coverage.
Wide Illumination Area: Ideal for construction sites, emergency operations, events and temporary work locations.
Robust Construction: Designed for reliable operation under demanding environmental and operational conditions.



The **Rotation & Tilt System for Lighting Mast** enables precise and flexible positioning of the lighting mast floodlights for optimal illumination of the working area. It allows the light to be directed exactly where it is needed without having to reposition the mast or trailer. Modern systems provide near-complete rotation and a wide tilt range, ensuring efficient illumination even in hard-to-reach areas.
360° Rotation: Allows full directional adjustment of the entire lighting assembly.
Wide Tilt Range: Enables precise aiming of the floodlights for targeted illumination.
Efficient Light Positioning: Optimizes light coverage without relocating the lighting system.
Robust Construction: Designed for reliable long-term operation under demanding working conditions.



A **Braked Trailer with Fixed Drawbar** provides safe and flexible transportation of gensets and power equipment for a wide range of mobile applications.
Braked Design: Enhanced safety during transport, particularly when handling heavier generator units.
Fixed Drawbar Construction: Robust design ensures stable towing characteristics and easy maneuverability.
Support Legs Included: Integrated support legs provide a secure and stable position during operation without a towing vehicle.
Spare Wheel: Additional reliability and peace of mind for mobile applications.
Wheel Chocks: Prevent unintended movement and ensure safe positioning during operation.
Ideal for mobile power applications in construction, industry, emergency services and civil protection operations.



Braked Trailer with Height-Adjustable Drawbar, A braked trailer with a height-adjustable drawbar offers maximum flexibility and safety for transporting gensets and power equipment across a wide range of applications.
Height-Adjustable Drawbar: Allows adaptation to different towing vehicles, ensuring optimal towing performance and stability.
DIN Tow Eye: Robust, standards-compliant coupling system designed for professional use.
Braked Design: Provides enhanced safety and controlled handling, even when transporting heavier loads.
Support Legs Included: Integrated support legs ensure a stable and secure position during operation without a towing vehicle.
Spare Wheel: Additional reliability and peace of mind for mobile applications.
Wheel Chocks: Provide secure protection against unintended movement during operation.
Ideal for demanding applications in construction, industry, emergency services and civil protection operations.

AVAILABLE OPTIONS







A **Storage Box with Roller Shutter** provides a practical and protected storage solution for tools, accessories and equipment directly on the genset or trailer. The integrated roller shutter allows quick and convenient access while minimizing the space required for opening, making it ideal for confined working environments.
Space-Saving Roller Shutter: No additional swing clearance is required, allowing easy access even in restricted spaces.
Quick Access: Fast and convenient opening and closing for efficient day-to-day operation.
Weather-Protected Storage: Keeps tools, cables and accessories protected from weather, dirt and environmental influences.
Robust Construction: Designed for reliable operation under demanding industrial and outdoor conditions.
Ideal for mobile applications where organization, protection and easy accessibility are essential.

The **Power Distribution Panel** provides a safe and practical interface for power distribution and the connection of external loads. Its ergonomic layout ensures quick access to all outlets and protective devices, while the integrated design allows safe and convenient operation at all times.
Integrated RCCB/MCB Protection: Outgoing circuits are protected by integrated residual current and circuit breakers, accessible without opening the control cabinet.
Inspection Window: Provides direct visibility and easy monitoring of protective devices and circuit status.
LED Illumination: Automatic LED lighting ensures clear visibility of the control cabinet and power distribution area, even in low-light conditions.
Protected Cable Routing: Cables can be routed safely and neatly through dedicated openings in the trailer chassis.
Lockable Outlet Panel: Allows secure operation while cables remain connected, protecting outlets and connections from unauthorized access.





The **100 km/h Approval for Tandem Trailers** allows faster and more efficient road transportation while maintaining a high level of safety. Certification is granted in accordance with applicable regulations and requires suitable technical equipment such as approved tires, shock absorbers and a compatible towing vehicle. This ensures stable and reliable handling even at higher speeds.
Higher Transport Speed: Permits travel speeds of up to 100 km/h on highways and major roads where legally permitted.
Safe Handling: Optimized suspension and chassis components provide excellent stability and road holding characteristics.
Standards-Compliant Design: Meets all applicable legal requirements for 100 km/h trailer operation.
Improved Efficiency: Reduces travel times and increases productivity when frequent site changes are required.
Ideal for mobile applications with regular transportation and deployment requirements.

Aluminum Checker Plate Fenders for tandem trailers provide reliable protection and a highly durable solution for mobile applications. The non-slip tread pattern allows the fenders to be used as convenient step surfaces during maintenance and service work, while the robust construction ensures long-term reliability and a professional appearance.
Durable Construction: Made from corrosion-resistant aluminum checker plate, offering excellent resistance to weather and mechanical stress.
Reliable Protection: Prevents water, dirt and road debris from being thrown up during transport.
Long Service Life: Designed for continuous use in demanding industrial and mobile applications.
Optimized for Tandem Trailers: Precisely designed to provide effective coverage for both trailer axles.
The combination of strength, low weight and practical functionality makes these fenders an ideal choice for professional trailer applications.

ORIGINAL SPARE PARTS AND SERVICE KITS

For spare parts and service support, we maintain close partnerships with leading manufacturers. This enables us to provide consistently high-quality components and ensure the availability of precisely matching parts for a wide range of systems and applications. Our customers benefit from reliable access to genuine spare parts, short delivery times and competitive conditions.

Through our direct manufacturer relationships, we can respond quickly to individual requirements and source specialized or less common components when needed. At the same time, we have access to up-to-date technical information and product-specific expertise, ensuring that every part is perfectly matched to its intended application.

Access to comprehensive manufacturer databases and spare parts catalogs allows us to accurately identify components, prevent ordering errors and improve maintenance planning. This also enables us to efficiently support older installations and custom-engineered solutions.

In addition to spare parts supply, we offer complete service kits containing all essential components required for scheduled maintenance intervals. These kits simplify service planning, reduce downtime and help maintain long-term operational reliability.

By combining technical expertise, direct manufacturer access and a strong commitment to quality, RID provides a dependable partner for spare parts and maintenance solutions – efficient, practical and tailored to customer needs.






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