

REDSTAR EQUIPMENT COMPLETE RANGE GUIDE



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REDSTAR
EQUIPMENT

GENERATORS



PRIME MOBILE QAS GENERATORS	QAS 14	QAS 20	QAS 30	QAS 40	QAS 60	QAS 80	QAS 100	QAS 125
Prime power	13.6kVa	20kVa	30kVa	40kVa	60kVa	80kVa	100kVa	125kVa
Fuel consumption	3.5L/h (100% load)	4.9L/h (100% load)	7L/h (100% load)	9.5L/h (100% load)	14L/h (100% load)	19L/h (100% load)	23L/h (100% load)	26L/h (100% load)
Engine	Kubota	Kubota	Kubota	Kubota	Perkins	Perkins	Perkins	Volvo
Alternator	Leroy Somer	Leroy Somer	Leroy Somer	Leroy Somer	Leroy Somer	Leroy Somer	Leroy Somer	Leroy Somer



PRIME MOBILE QAS GENERATORS	QAS 150	QAS 200	QAS 250	QAS 325	QAS 400	QAS 500	QAS 630
Prime power	150kVa	200kVa	250kVa	325kVa	400kVa	500kVa	629kVa
Fuel consumption	30.6L/h (100% load)	41.4L/h (100% load)	51.4L/h (100% load)	68L/h (100% load)	83L/h (100% load)	102.6L/h (100% load)	124.4L/h (100% load)
Engine	Volvo	Volvo	Volvo	Volvo	Volvo	Volvo	Volvo
Alternator	Leroy Somer	Leroy Somer	Leroy Somer	Leroy Somer	Leroy Somer	Leroy Somer	Leroy Somer



PRIME MOBILE QAC GENERATORS	QAC 1000	QAC 1100 Twin Power	QAC 1250	QAC 1450
Prime power	1000kVa	1000kVa	1250kVa	1450kVa
Fuel consumption	181L/h (100% load)	146L/h (75% load)	241L/h (100% load)	211L/h (77% load)
Engine	Cummins	Scania	Cummins	Scania
Alternator	Leroy Somer	WEG	Leroy Somer	Leroy Somer

GENERATORS



Prime power	9kVa	13.8kVa	20kVa	30kVa	42kVa	63kVa	84kVa	102kVa
Fuel consumption	2.4L/h (100% load)	3.5L/h (100% load)	5L/h (100% load)	6.9L/h (100% load)	9.8L/h (100% load)	13.1L/h (100% load)	17.6L/h (100% load)	22L/h (100% load)
Engine	Kubota	Kubota	Kubota	Kubota	Kubota	John Deere	John Deere	John Deere
Alternator	Mecc Alte	Mecc Alte	Mecc Alte	Mecc Alte	Mecc Alte	Mecc Alte	Mecc Alte	Mecc Alte



Prime power	123kVa	157kVa	197kVa	249kVa	323kVa	400kVa	500kVa	800kVa
Fuel consumption	26.4L/h (100% load)	33.5L/h (100% load)	44.1L/h (100% load)	52L/h (100% load)	63L/h (100% load)	83L/h (100% load)	103L/h (100% load)	116.2L/h (75% load)
Engine	John Deere	John Deere	John Deere	Volvo	Volvo	Volvo	Volvo	MTU
Alternator	Mecc Alte	Mecc Alte	Mecc Alte	Mecc Alte	Mecc Alte	Mecc Alte	Mecc Alte	Mecc Alte



Prime power	910kVa	1011kVa	1144kVa	1270kVa	800kVa	1000kVa	1250kVa
Fuel consumption	68L/h (75% load)	150.6L/h (75% load)	170.1L/h (75% load)	180.7L/h (75% load)	147L/h (100% load)	189.3L/h (100% load)	250.7L/h (100% load)
Engine	MTU	MTU	MTU	MTU	Cummins	Cummins	Cummins
Alternator	Mecc Alte	Mecc Alte	Mecc Alte	Mecc Alte	Leroy Somer	Leroy Somer	Leroy Somer

GENERATORS



STANDBY GENERATORS	QIS 10	QIS 16	QIS 25	QIS 35	QIS 45	QIS 70	QIS 90	QIS 110	QIS 135
Standby power	10kVa	16kVa	21.5kVa	32.5kVa	46kVa	71kVa	92kVa	112kVa	135kVa
Fuel consumption	2.1L/h (75% load)	2.8L/h (75% load)	3.9L/h (75% load)	5.6L/h (75% load)	7.2L/h (75% load)	11.5L/h (75% load)	15.5L/h (75% load)	19.4L/h (75% load)	20L/h (75% load)
Engine	Kubota	Kubota	Kubota	Kubota	Kubota	John Deere	John Deere	John Deere	John Deere
Alternator	Mecc Alte	Mecc Alte	Mecc Alte	Mecc Alte	Mecc Alte	Mecc Alte	Mecc Alte	Mecc Alte	Mecc Alte



STANDBY GENERATORS	QIS 175	QIS 215	QIS 220	QIS 330	QIS 470	QIS 510	QIS 580	QIS 630	QIS 700
Standby power	173kVa	217kVa	220kVa	330kVa	470kVa	509kVa	580kVa	630kVa	700kVa
Fuel consumption	26L/h (75% load)	35L/h (75% load)	31.7L/h (75% load)	47L/h (75% load)	65.1L/h (75% load)	72.9L/h (75% load)	83.4L/h (75% load)	94.2L/h (75% load)	103.8L/h (75% load)
Engine	John Deere	John Deere	Doosan	Doosan	Doosan	Doosan	Doosan	Doosan	Doosan
Alternator	Mecc Alte	Mecc Alte	Mecc Alte	Mecc Alte	Mecc Alte	Mecc Alte	Mecc Alte	Mecc Alte	Mecc Alte



STANDBY GENERATORS	QIS 735	QIS 830	QIS 875	QIS 1015	QIS 1115	QIS 1250	QIS 1420
Standby power	735kVa	830kVa	874kVa	1015kVa	1115kVa	1250kVa	1420kVa
Fuel consumption	109.2L/h (75% load)	119.1L/h (75% load)	110L/h (75% load)	136L/h (75% load)	153L/h (75% load)	181L/h (75% load)	181L/h (75% load)
Engine	Doosan	Doosan	MTU	MTU	MTU	MTU	MTU
Alternator	Mecc Alte	Mecc Alte	Mecc Alte	Mecc Alte	Mecc Alte	Mecc Alte	Mecc Alte

GENERATORS



STANDBY GENERATORS	QIS 225 Vod	QIS 275 Vod	QIS 335 Vod	QIS 355 Vod	QIS 415 Vod
Standby power	220kVa	275kVa	330kVa	352kVa	418kVa
Fuel consumption	35L/h (75% load)	43L/h (75% load)	44L/h (75% load)	48L/h (75% load)	56L/h (75% load)
Engine	Volvo	Volvo	Volvo	Volvo	Volvo
Alternator	Mecc Alte	Mecc Alte	Mecc Alte	Mecc Alte	Mecc Alte



STANDBY GENERATORS	QIS 435 Vod	QIS 515 Vod	QIS 545 Vod	QIS 655 Vod	QIS 705 Vod
Standby power	437kVa	509kVa	546kVa	656kVa	706kVa
Fuel consumption	61L/h (75% load)	69L/h (75% load)	75L/h (75% load)	89L/h (75% load)	96L/h (75% load)
Engine	Volvo	Volvo	Volvo	Volvo	Volvo
Alternator	Mecc Alte	Mecc Alte	Mecc Alte	Mecc Alte	Mecc Alte

PORTABLE GENERATORS



PORTABLE GENERATORS	P 2000i	P 3000	P 3500i	P 6500	P 6500 T	P 8000	P 8000 T
Rated voltage	230v	230v	230v	230v	400/230v	230v	400/230v
Nominal power output	1.6kVa	2.3kVa	3kVa	5kVa	6.2kVa	6.0kVa	7.5kVa
Peak power output	1.8kVa	2.5kVa	3.3kVa	5.5kVa	6.8kVa	6.5kVa	8.1kVa
Fuel tank capacity	4l	15l	10l	25l	25l	25l	25l
Engine	AC148F Gasoline	AC200FA Gasoline	AC170FD Gasoline	AC390FD Gasoline	AC390FD Gasoline	AC420FD Gasoline	AC420FD Gasoline
Sound pressure level (LpA) @ 7m	65 dB(A)	70dB (A)	63dB (A)	72dB (A)	72dB (A)	76dB (A)	76dB (A)

COMPRESSORS



SERIES 8 PORTABLE COMPRESSORS	XAS 38 Kd	XAHS 38 Kd	XAS 48 Kd	XAS 58 Kd	XAS 68 Kd	XATS 68 Kd	XAS 78 Kd	XAS 88 Kd
Working pressure	100psi (g)	175psi (g)	100psi (g)	100psi (g)	100psi (g)	150psi (g)	100psi (g)	100psi (g)
Free air delivery	70CFM	80CFM	90CFM	120CFM	135CFM	135CFM	160CFM	175CFM
Noise sound pressure level @ 7m	70dB (A)	70dB (A)	70dB (A)	70dB (A)	70dB (A)	70dB (A)	70dB (A)	70dB (A)
Engine	Kubota D 722	Kubota V 1505	Kubota D 902	Kubota V 1505	Kubota V 1505	Kubota V 1505 T	Kubota V 1505 T	Kubota V 1505 T
Fuel tank capacity	27l	60l	27l	60l	60l	60l	60l	60l



HIGH CAPACITY PORTABLE COMPRESSORS	XAS 185 DD7	XAS 138	XAHS 108	XAS 300 DD7	XAS 375 DD6	XAHS 375 DD6	XAVS 340	XAMS 600+ DD7
Working pressure	102psi (g)	100psi (g)	175psi (g)	102psi (g)	102psi (g)	175psi (g)	204psi (g)	125psi (g)
Free air delivery	190CFM	250CFM	189CFM	269CFM	392CFM	371CFM	335CFM	604CFM
Max sound pressure level @ 7m	70dB (A)	98dB (A)	98dB (A)	76dB (A)	71dB (A)	71dB (A)	71dB (A)	76dB (A)
Engine	Deutz	Kubota	Kubota	Deutz	Deutz	Deutz	Deutz	Deutz
Fuel tank capacity	80l	87l	87l	117l	174l	174l	174l	249l

2-IN-1 COMPRESSOR & GENERATOR



	XAS 48 KdG	XAS 68 KdG	XAS 185 DD7 (G)
Working pressure	100psi (g)	100psi (g)	102psi (g)
Free air delivery	90CFM	135CFM	190cu.ft/min
Max sound pressure level @ 7m	70dB (A)	70dB (A)	70 dB (A)
Output power	6.5 or 12kVa	6.5 or 12kVa	6.5 or 12kVa
Engine	Kubota V 1505	Kubota V 1505 T	Deutz
Fuel tank capacity	60l	60l	80l

SERIES 8



	U 75	U 110	U 110 PACE	U 130	U 175	U 190	U 190 PACE
Working pressure	100psi (g)	100psi (g)	70-150psi (g)	100psi (g)	100psi (g)	100psi (g)	70-150psi (g)
Free air delivery	75CFM	100CFM	45-100CFM	130CFM	175CFM	190CFM	90-190CFM
Engine	Kubota	Kubota	Kubota	Kubota	Kubota	Kubota	Kubota
Fuel tank capacity	30l	30l	30l	62l	62l	62l	62l

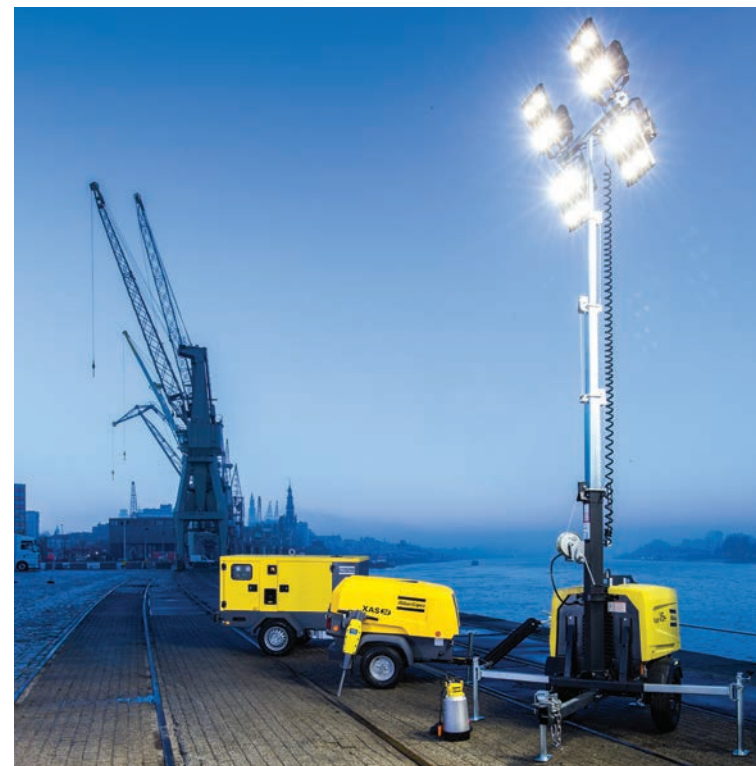
LIGHTING TOWERS



HILIGHT TOWERS	HiLight B5+	HiLight H5+	HiLight H4	HiLight V4	HiLight V5+	HiLight E2	HiLight E3+
Light Coverage m ²	5.000 (average of 20 luxes)	5.000 (average of 20 luxes)	4.000 (average of 20 luxes)	4.000 (average of 20 luxes)	5.000 (average of 20 luxes)	2.000 (average of 10 luxes)	3.000 (average of 10 luxes)
Lamps	LED 4x350W	LED 4x350W	Metal Halide 4x1.000W	Metal Halide 4x1.000W	LED 4x350W	Metal Halide 4x400W	LED 4x350W
Mast	Vertical hydraulic	Vertical hydraulic	Vertical hydraulic	Vertical manual	Vertical manual	Vertical manual	Vertical manual
Features	Compact box	Galvanized canopy	Galvanized canopy	HardHat® Canopy	HardHat® Canopy	Electric	Electric
Engine	Kubota Z482	Hatz 1 B 50	Kubota D1105-EBG2	Kubota Z482	Kubota Z482	-	-
Fuel tank capacity	122l	120l	110l	105l	105l	-	-
Fuel autonomy	175hrs	185hrs	65hrs	57hrs	150hrs	-	-



HILIGHT TOWERS	HiLight V2+	HiLight V3+	HiLight P2+
Light Coverage m ²	2.000 (average 10 luxes)	2.500 (average 10 luxes)	2.000 (average 10 luxes)
Lamps	LED	LED	LED
Mast	Vertical manual	Vertical manual	Vertical manual
Features	Electric	Electric	Electric
Engine	-	-	-
Fuel tank capacity	-	-	-
Fuel autonomy	-	-	-



PUMPS



PAS PUMPS	PAS4-KDS3A	PAS6-KDS3A	PAS8-KDS3A
Maximum capacity	240m ³ /h	500m ³ /h	590m ³ /h
Max head	33m.w.c.	37m.w.c.	33m.w.c.
Solids handling	45mm	76mm	76mm
Engine	Kubota V2403-M-DI	Kubota V2607-DI-T	Kubota V3307-DI-T
Cooling system	Watercooled	Liquid cooled	Liquid cooled



DRY PRIME PAS PUMPS	PAS 100MF 225	PAS 100MF 250	PAS 100MF 260	PAS 150MF 250	PAS 200MF 300
Maximum capacity (m ³ /h)	230	250	325	540	720
Suction/discharge sizes	DN100(4")	DN100(4")	DN100(4")	DN150(6")	DN200(8")
Max head (m)	58.4	36	42	37	31
Max solids (mm)	35	50	76	76	60
Engine	Air Cooled Hatz 3M41 (HT27)	Water Cooled Kohler KDI 1903M (KL17)/ Air Cooled Deutz D2011L031 (ZD51)	Water Cooled Kohler KDI 2504M (KL19)/ Air Cooled Deutz D2011L031 (ZD51)	Water Cooled Kohler KDI 1903M(KL10)/ Air Cooled Deutz D2011L031 (ZD51)	Water Cooled Kohler KDI 2504TCR (KL28)/ Air Cooled Deutz F4L914 (ZD52)
Power (kW)	35.8	23/24.5	28.4/24.3	21.6/24.3	47.7/45



DRY PRIME PAS PUMPS	PAS 200MF 305	PAS 300MF 390	PAS 100HF 250	PAS 150HF 300	PAS 200HF 305
Maximum capacity (m ³ /h)	630	1130	280	520	920
Suction/discharge sizes	DN200(8")	DN300(12")	DN100(4")	DN150(6")	DN200(8")
Max head (m)	30	29.5	51	51	50
Max solids (mm)	76	76	76	76	76
Engine	Water Cooled Kohler KDI 1903TCR (KL16)/ Air Cooled Deutz D2011L041(ZD43)	Water Cooled Perkins 1104D-E44TAG2 (PK12)	Water Cooled Deutz D2.9 L4(ZD53)	Water Cooled Deutz TD 2.9L4 (ZD54)	Water Cooled Deutz TDC 3.6L4 (ZD55)
Power (kW)	33.6/30.6	92.1	31	51.2	79.1



WET PRIME VAR PUMPS	VAR 4-225	VAR 4-250	VAR 4-316	VAR 6-250	VAR 6-251	VAR 6-350
Maximum capacity (m³/h)	150	180	190	340	260	310
Suction/discharge sizes	DN100(4")	DN100(4")	DN100(4")	DN150(6")	DN150(6")	DN150(6")
Max head (m)	53	40	57.5	33	24.5	44
Max solids (mm)	35	50	38	76	50	37
Engine	Air Cooled Hatz 2M41 (HT26)	Water Cooled Kohler 1903M (KL17)/ Air Cooled Kohler 9LD625-2 (KL34)/ Air Cooled Deutz D2011LO31 (ZD51)	Water Cooled Kohler KDI 2504M (KL11)/ Air Cooled Deutz D2011LO41 (ZD48)	Water Cooled Kohler KDI 1903M (KL10)/ Water Cooled Kohler KDI 2504M (KL19)/ Air Cooled Deutz D2011LO31 (ZD35)/ Air Cooled Deutz D2011LO31 (ZD51)	Air Cooled Kohler 9LD625-2(KL34)	Water Cooled Kohler KDI 2504TCR(KL36)/ Air Cooled Hatz 4M41 (HT33)
Power (kW)	23.7	23/10.7/24.3	27/33.3	21.6/28.4/22.1/24.3	10.7	47.7/45



WET PRIME VAR PUMPS	VAR 6-400	VAR 8-300	VAR 8-305	VAR 10-305	VAR 12-400
Maximum capacity (m³/h)	480	580	560	690	1400
Suction/discharge sizes	DN150(6")	DN200(8")	DN200(8")	DN250(10")	DN300(12")
Max head (m)	58	32.5	35	39	29.5
Max solids (mm)	50	60	76	76	70
Engine	Water Cooled Deutz TCD 3.6 L4 (ZD47)/ Air Cooled Deutz BF6L914 (ZD18)	Water Cooled Kohler KDI 2504TCR (KL28)/ Air Cooled Deutz F4L914 (ZD52)	Water Cooled Kohler KDI 1903TCR (KL16)/ Air Cooled Deutz D2011LO41 (ZD43)	Water Cooled Kohler KDI 2504TCR (KL28)/ Air Cooled Deutz F4L914 (ZD52)	Water Cooled Deutz TCD 3.6 L4 (ZD46)/ Air Cooled Deutz BF6L914 (ZD24)
Power (kW)	78.2/87	47.7/45	33.6/30.6	47.7/45	79.1/100.1

PUMPS



SMALL PORTABLE PUMPS	JB 40G	JB 50G	ETP 50B	ETP 80B	ETP 100B	ETP 100D
Max. flow rate	416l/min	566l/min	830l/min	1500l/min	2500l/min	2500l/min
Max. head	24m	22.5m	28m	28m	29m	29m
Solids handling	20mm	17mm	27mm	38mm	40mm	40mm
Weight (dry)	26kg	28kg	32kg	57kg	73kg	93kg
Engine	Honda GX 120 Gasoline, aspirated	Honda GX 120 Gasoline, aspirated	Honda GX 160 Gasoline	Honda GX 270 Gasoline	Honda GX 390 Gasoline	Lombardini 15LD500 Diesel



SMALL PORTABLE PUMPS	LB 80B	LB 80D	LB 100B	LB 100D	LB 80E	LB 100E
Max. flow rate	325l/min	325l/min	530l/min	530l/min	325l/min	520l/min
Max. head	15m	15m	15m	15m	15m	15m
Solids handling	50mm	51mm	52mm	53mm	54mm	55mm
Weight (dry)	74kg	92kg	144kg	155kg	71kg	137kg
Engine	Honda GX 160 Gasoline	Lombardini 15LD225 Diesel	Honda GX 270 Gasoline	Lombardini 15LD350 Diesel	Electric three phase	Electric three phase

PUMPS



WEDA PUMPS	WEDA 04	WEDA 04B	WEDA 04S	WEDA 08	WEDA 08S
Discharge (Smooth and threaded BSP)	50mm	25mm (50mm optional)	50mm	50mm	50mm
Motor rating	0.40kW	0.40kW	0.40kW	0.75kW	0.75kW
Max. power input	0.65kW	0.65kW	0.65kW	1.2kW	1.2kW
Voltage	220V	220V	220V	220V	220V
Rated current	2.8A	2.8A	2.8A	5.2A	5.2A
Max. flow	250l/min	225l/min (with 2" discharge)	270l/min	325l/min	317l/min
Head	11.3m	12m	10.5m	15.2m	13m
Weight	9kg	9.5kg	10kg	12.4kg	13kg
Max. size of solids handled	7.5mm	4.5mm	25mm	7.5mm	25mm



WEDA PUMPS	WEDA 10	WEDA 30	WEDA 40	WEDA 50	WEDA 60	WEDA 60S	WEDA 70	WEDA 90	WEDA 100
Rated output	1=1.0kW, 3=1.0kW	1=2.0kW, 3=2.0kW	3=3.0kW	L/N/H=4.7kW	N/H=7.5kW	3=7.5kW	L/H=11.8kW	L/H=26.5kW	3=54kW
Max. power input	1=1.5, 3=1.2	1=2.6, 3=2.5	3=3.4	L=5.1, N=4.8, H=6.0	N=9.5, H=11.2	3=8.5	L=14.0, H=13.8	L/H=29.3	3=65
Rated current A 230v	1=6.1, 3=4.0	1=11.0, 3=7.3	3=10.0	L=13, N/H=0.R	N=25.5, H=30	3=26	-	-	-
Rated current A 400v	3=2.0	3=4.0	3=5.3	L=10, N=9.5, H=11	N=16, H=19	3=16	L=23, H=25	L=45, H=47	3=110
Shaft speed	1 and 3=2900rpm	1 and 3=2900rpm	3=2900rpm	L/N/H=2900rpm	N/H=2900rpm	2900rpm	L/H=2900rpm	L/H=2900rpm	3=1450rpm
Discharge connection	1 and 3=2"(1.5")	1 and 3=3"(4")	3=3"(4")	L/N=4"(3"), H=3"(4")	N=4"(3"), H=3"(4")	3"(4")	L=6"(4") H=4"(6")	L=6"(4") H=4"(6")	3=10"
Weight/max solid size	1 and 3=12.5kg/4mm	1 and 3=20kg/7mm	3=25kg/7mm	N/L=55kg, H=63kg/6mm	N=55kg, H=63kg/6mm	70kg/50mm	L/H=95kg/7mm	L/H=180kg/7mm	3=510kg/12mm