



سازمان فروش محصولات گام الکتریک و جوشا



تحت لیسانس مرگله آلمان

معرفی جامع دستگاه ها



اسکن کنید

آدرس کارخانه : مازندران ، ساری ، کمربندی قائم شهر، روبروی اداره هواشناسی
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نمایشگاه دائمی البرز : کرج، بلوار شهید بهشتی، بعد از پل کیانپور ، پلاک 742

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سایت رسمی شرکت : www.Gaamelectricalborz.com



امروزه در ایران هنگامی که سخن از کیفیت دستگاه‌های جوش و برش به میان می‌آید گروه صنعتی گام الکتریک اولین است. این گروه طراحی دستگاه‌های جوشکاری را از سال ۱۳۵۸ آغاز نمود و در سال ۱۳۵۹ اولین نمونه‌های تولیدی خود را در «سازمان تحقیقات علمی و صنعتی ایران» به ثبت رساند.

گروه صنعتی گام الکتریک (شرکت‌های گام الکتریک و جوشا) در صنعت جوش و برش همواره پیشرو بوده که موارد زیر بیانگر آن است:

- اولین دارنده نشان استاندارد ملی ایران نشان CE در صنعت جوش و برش
- مجهز به آزمایشگاه برای آزمون تجهیزات و دستگاه‌های جوشکاری قوس الکتریکی
- اولین دارنده پروانه تحقیق و توسعه از وزارت صنایع در صنعت جوش و برش
- برنده جایزه اول کشوری به عنوان بهترین نمونه محصول در سال‌های ۱۳۸۵، ۱۳۸۸، ۱۳۸۹ و ۱۳۹۳
- برگزیده شده به عنوان بهترین واحد تحقیق و توسعه (R & D) کشور توسط وزارت صنایع در سال‌های ۱۳۸۶، ۱۳۸۷، ۱۳۸۸ و ۱۳۸۹
- برگزیده شده به عنوان واحد نمونه کیفی کشوری در سال ۱۳۹۱ و به عنوان واحد نمونه کیفی استانی در سال ۱۳۹۴
- برگزیده شده به عنوان بهترین تولید کننده کشور توسط وزارت صنایع در سال ۱۳۸۷
- موسس کمیته فنی INEC/TC26 (جوشکاری الکتریکی) متناظر با INEC/TC26 (Electric Welding) در ایران، نمایندگی گام الکتریک
- بعنوان یکی از ده عضو برگزیده از بین شرکت‌های سراسر دنیا در تدوین استانداردهای سری IEC60974 در آلمان
- تدوین کننده استاندارد ملی تجهیزات جوشکاری قوس الکتریکی (سری استانداردهای IEC60974)
- دارنده بیش از ۱۰ فقره گواهی نامه ثبت اختراع از اداره کل ثبت شرکت‌ها و مالکیت صنعتی ایران





TECHNICAL

Maxi Arc 281G Maxi Arc 221G-Cell

WELDING OUTPUT

Current Range	A	10-280
Welding Current at 60% Duty Cycle ¹	A	280
Welding Current at 100% Duty Cycle (40°C)	A	175
No. Load Voltage	V	65

MAINS CONNECTION

Power Supply Voltage	V	1*230
Fuse	A	D50
Primary current at 100% Duty Cycle	A	32.5
Installed Power (Max)	KVA	14.3
Mains Cable Cross Section(Cu,Nayy)	mm ²	3*4
Protection Class (Acc. to IEC529)		IP21S
Dimension (LxWxH)	cm	50*28*18
Weight	kg	12

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TECHNICAL

PARS EL 633 SX

WELDING OUTPUT

Current Range	A	20-500
Welding Current at 15% Duty Cycle ¹	A	500
Welding Current at 100% Duty Cycle (40°C)	A	280
No. Load Voltage	V	62

MAINS CONNECTION

Power Supply Voltage	V	3*400
Fuse	A	D50A
Primary current at 100% Duty Cycle	A	28.5A
Installed Power (Max)	KVA	33.2
Mains Cable Cross Section(Cu,Nayy)	mm ²	4*4
Protection Class (Acc. to IEC529)		IP21S
Dimension (LxWxH)	cm	70*65*65
Weight	kg	105



TECHNICAL

PARS EL 3500 G

WELDING OUTPUT

Current Range	A	20-500
Welding Current at 25% Duty Cycle ¹	A	500
Welding Current at 100% Duty Cycle (40°C)	A	320
No. Load Voltage	V	85

MAINS CONNECTION

Power Supply Voltage	V	3*400
Fuse	A	D50A
Primary current at 100% Duty Cycle	A	29
Installed Power (Max)	KVA	31.5
Mains Cable Cross Section(Cu,Nayy)	mm ²	4*6
Protection Class (Acc. to IEC529)		IP21S
Dimension (LxWxH)	cm	75.8*44.5*52
Weight	kg	140



TECHNICAL

PARS EL 502P

WELDING OUTPUT

Current Range	A	20-500
Welding Current at 15% Duty Cycle ¹	A	500
Welding Current at 100% Duty Cycle (40°C)	A	390
No. Load Voltage	V	85

MAINS CONNECTION

Power Supply Voltage	V	3*400
Fuse	A	D50A
Primary current at 100% Duty Cycle	A	31.5
Installed Power (Max)	KVA	29.5
Mains Cable Cross Section(Cu,Nayy)	mm ²	4*6
Protection Class (Acc. to IEC529)		IP21S
Dimension (LxWxH)	cm	86*45*72
Weight	kg	187



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TECHNICAL DIGI ARC 501 Professional

WELDING OUTPUT

Current Range	A	15-500
Welding Current at 60% Duty Cycle ¹	A	340
Welding Current at 100% Duty Cycle (40°C)	A	320
No. Load Voltage	V	95

MAINS CONNECTION

Power Supply Voltage	V	3*400
Fuse	A	D50A
Primary current at 100% Duty Cycle	A	22
Installed Power (Max)	KVA	29
Mains Cable Cross Section (Cu, Napp)	mm ²	4*4
Protection Class (Acc. to IEC529)		IP21S
Dimension (LxWxH)	cm	65*45*63
Weight	kg	29



TECHNICAL

Carry EL 503 G 504 Professional

WELDING OUTPUT

Current Range	A	15-500	10-500
Welding Current at 60% Duty Cycle ¹	A	400	400
Welding Current at 100% Duty Cycle (40°C)	A	380	330
No. Load Voltage	V	70	95

MAINS CONNECTION

Power Supply Voltage	V	3*400	3*400
Fuse	A	D50A	D50A
Primary current at 100% Duty Cycle	A	32	24
Installed Power (Max)	KVA	29	29
Mains Cable Cross Section (Cu, Napp)	mm ²	4*6	4*4
Protection Class (Acc. to IEC529)		IP21S	IP21S
Dimension (LxWxH)	cm	45*48*89	54.5*43*54
Weight	kg	33	27



TECHNICAL

Mini EL 203 252 D 202 D G CELL

WELDING OUTPUT

Current Range	A	14-200	10-250	10-200
Welding Current at 60% Duty Cycle ¹	A	140	180	150
Welding Current at 100% Duty Cycle (40°C)	A	125	165	140
No. Load Voltage	V	81	63	93

MAINS CONNECTION

Power Supply Voltage	V	1*230	1*230	1*230
Fuse	A	D25A	D35A	D35A
Primary current at 100% Duty Cycle	A	23	32	27
Installed Power (Max)	KVA	9.2	11.3	9.4
Mains Cable Cross Section (Cu, Napp)	mm ²	3*4	3*4	3*4
Protection Class (Acc. to IEC529)		IP21S	IP21S	IP21S
Dimension (LxWxH)	cm	39.5*15*25	45*15*25	52.5*17*30.5
Weight	kg	7.300	7.300	12.6



TECHNICAL

ECOWELD Mobi ARC 201 3202

WELDING OUTPUT

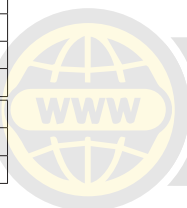
Current Range	A	15-200	10-160
Welding Current at 60% Duty Cycle ¹	A	140	130
Welding Current at 100% Duty Cycle (40°C)	A	130	120
No. Load Voltage	V	63	57

MAINS CONNECTION

Power Supply Voltage	V	1*230	1*230
Fuse	A	D35A	D25A
Primary current at 100% Duty Cycle	A	24	24
Installed Power (Max)	KVA	9.66	7.5
Mains Cable Cross Section (Cu, Napp)	mm ²	3*4	3*4
Protection Class (Acc. to IEC529)		IP21S	IP21S
Dimension (LxWxH)	cm	39.5*15*25	35*15*23
Weight	kg	7	5.1



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TECHNICAL

Easy MIG 501T

WELDING OUTPUT

Current Range	A	25-450
Welding Current at 60% Duty Cycle ¹	A	450
Welding Current at 100% Duty Cycle (40°C)	A	400
No. Load Voltage	V	53

MAINS CONNECTION

Power Supply Voltage	V	3*400
Fuse	A	D40
Primary current at 100% Duty Cycle	A	32
Installed Power (Max)	KVA	27
Mains Cable Cross Section(Cu,Nayy)	mm ²	4*4
Protection Class (Acc. to IEC529)		IP21S
Dimension (LxWxH)	cm	102*48*87
Weight	kg	170



TECHNICAL

Revo MIG SP1601 Revo MIG SP1601 (Robotic)

WELDING OUTPUT

Current Range	A	25-450
Welding Current at 60% Duty Cycle ¹	A	450
Welding Current at 100% Duty Cycle (40°C)	A	420
No. Load Voltage	V	54

MAINS CONNECTION

Power Supply Voltage	V	3*400
Fuse	A	D40A
Primary current at 100% Duty Cycle	A	33
Installed Power (Max)	KVA	26.6
Mains Cable Cross Section(Cu,Nayy)	mm ²	4*4
Protection Class (Acc. to IEC529)		IP21S
Dimension (LxWxH)	cm	103*49*91
Weight	kg	163



TECHNICAL

Revo MIG SC 2001 Revo MIG SC 1601

WELDING OUTPUT

Current Range	A	20-500
Welding Current at 25% Duty Cycle ¹	A	600
Welding Current at 100% Duty Cycle (40°C)	A	450
No. Load Voltage	V	55

MAINS CONNECTION

Power Supply Voltage	V	3*400
Fuse	A	D50A
Primary current at 100% Duty Cycle	A	35
Installed Power (Max)	KVA	33
Mains Cable Cross Section(Cu,Nayy)	mm ²	4*6
Protection Class (Acc. to IEC529)		IP21S
Dimension (LxWxH)	cm	102*91*49
Weight	kg	163



TECHNICAL

PARS MIG SP601

WELDING OUTPUT

Current Range	A	25-600
Welding Current at 60% Duty Cycle ¹	A	550
Welding Current at 100% Duty Cycle (40°C)	A	490
No. Load Voltage	V	60

MAINS CONNECTION

Power Supply Voltage	V	3*400
Fuse	A	D63
Primary current at 100% Duty Cycle	A	46
Installed Power (Max)	KVA	37.5
Mains Cable Cross Section(Cu,Nayy)	mm ²	4*6
Protection Class (Acc. to IEC529)		IP21S
Dimension (LxWxH)	cm	75*50*82
Weight	kg	198

TECHNICAL

PRO MIG DIGI MIG 502 401 501 501 PULSE

WELDING OUTPUT					
Current Range	A	10-500	10-400	60-500	60-500
Welding Current at 60% Duty Cycle ¹	A	430	350	420	480
Welding Current at 100% Duty Cycle (40°C)	A	370	310	380	440
No. Load Voltage	V	70	70	105	85
MAINS CONNECTION					
Power Supply Voltage	V	3*400	3*400	3*400	3*400
Fuse	A	D50A	D35A	D35A	D35A
Primary current at 100% Duty Cycle	A	26.7	26	22.7	28
Installed Power (Max)	KVA	31.2	22.8	24	24
Mains Cable Cross Section(Cu,Nayy)	mm ²	4*6	4*6	4*6	4*6
Protection Class (Acc. to IEC529)		IP21S	IP21S	IP21S	IP21S
Dimension (LxWxH)	cm	60*33*57	68.5*29*55	64*30.5*67	65*33*57
Weight	kg	54	48.6	53	55



MIG/MAG

TECHNICAL

Multi ARC 451C 351C 271C 201C 1611 2011

WELDING OUTPUT							
Current Range	A	50-450	50-350	50-270	10-200	50-450	50-600
Welding Current at 60% Duty Cycle ¹	A	400	-	210	170	410	500
Welding Current at 100% Duty Cycle (40°C)	A	380	330	190	160	400	470
No. Load Voltage	V	70	65	55	50	70	85
MAINS CONNECTION							
Power Supply Voltage	V	3*400	3*400	3*400	1*230	3*400	3*400
Fuse	A	D50A	D25A	D20A	D35A	D50A	D50A
Primary current at 100% Duty Cycle	A	29	18.3	11.5	36	29.7	39
Installed Power (Max)	KVA	26.2	15.5	12.3	8.3	25.2	37.4
Mains Cable Cross Section(Cu,Nayy)	mm ²	4*6	4*4	4*2.5	3*4	4*6	4*10
Protection Class (Acc. to IEC529)		IP21S	IP21S	IP21S	IP21S	IP21S	IP21S
Dimension (LxWxH)	cm	93*45*81.5	95*47*80	85*45*70	85*45*70	96*50*78	96*50*103
Weight	kg	66.5	54	52.192	35	61	93



TECHNICAL

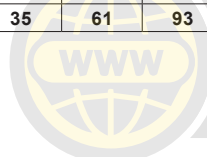
Mini MIG DIGI MIG 202C 201 201 LCD

WELDING OUTPUT				
Current Range	A	10-200	10-200	10-200
Welding Current at 60% Duty Cycle ¹	A	170	100	120
Welding Current at 100% Duty Cycle (40°C)	A	160	90	110
No. Load Voltage	V	50	58	45
MAINS CONNECTION				
Power Supply Voltage	V	1*230	1*230	1*230
Fuse	A	D35A	D25A	D25A
Primary current at 100% Duty Cycle	A	36	15	17.5
Installed Power (Max)	KVA	8.3	9	9
Mains Cable Cross Section(Cu,Nayy)	mm ²	4*3	3*2.5	3*2.5
Protection Class (Acc. to IEC529)		IP21S	IP21S	IP21S
Dimension (LxWxH)	cm	85*45*70	56*31.5*45.5	53*31*37
Weight	kg	16	19.5	16.6



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TECHNICAL

PARS CUT 150 TAW(CNC) 150 T/TW

WELDING OUTPUT

Current Range	A	20-150	20-150
Welding Current at 50% Duty Cycle ¹	A	-	150
Welding Current at 100% Duty Cycle (40°C)	A	150	115
No. Load Voltage	V	260	260

MAINS CONNECTION

Power Supply Voltage	V	3*400	3*400
Fuse	A	D63	D63
Primary current at 100% Duty Cycle	A	60	41
Installed Power (Max)	KVA	41.5	41.5
Mains Cable Cross Section(Cu,Nayy)	mm ²	4*10	4*10
Protection Class (Acc. to IEC529)		IP21S	IP21S
Dimension (LxWxH)	cm	85*49*93	73*45*76
Weight	kg	296	218



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TECHNICAL

PARS CUT SC 131

WELDING OUTPUT

Current Range	A	60-90-130
Welding Current at 35% Duty Cycle ¹	A	130
Welding Current at 100% Duty Cycle (40°C)	A	100
No. Load Voltage	V	260

MAINS CONNECTION

Power Supply Voltage	V	3*400
Fuse	A	D50A
Primary current at 100% Duty Cycle	A	31
Installed Power (Max)	KVA	33
Mains Cable Cross Section(Cu,Nayy)	mm ²	4*6
Protection Class (Acc. to IEC529)		IP21S
Dimension (LxWxH)	cm	73*45*76
Weight	kg	175

PLASMA



TECHNICAL

PARS CUT-EL 160(CNC)

WELDING OUTPUT

Current Range	A	20-160
Welding Current at 40% Duty Cycle ¹	A	160
Welding Current at 100% Duty Cycle (40°C)	A	95
No. Load Voltage	V	275

MAINS CONNECTION

Power Supply Voltage	V	3*400
Fuse	A	D50A
Primary current at 100% Duty Cycle	A	27
Installed Power (Max)	KVA	29
Mains Cable Cross Section(Cu,Nayy)	mm ²	4*10
Protection Class (Acc. to IEC529)		IP21S

TECHNICAL

WELDING OUTPUT

		Power CUT	101A	101A CNC	131A	161A CNC
Current Range	A		20-100	20-100	20-130	20-160
Welding Current at 60% Duty Cycle ¹	A		-	-	120	-
Welding Current at 100% Duty Cycle (40°C)	A		100	100	115	150
No. Load Voltage	V		300	300	300	300

MAINS CONNECTION

Power Supply Voltage	V		3*400	3*400	3*400	3*400
Fuse	A		D35A	D35A	D35A	D50A
Primary current at 100% Duty Cycle	A		28	28	31.5	50
Installed Power (Max)	KVA		19.5	19.5	21.7	34/7
Mains Cable Cross Section (Cu, Napp)	mm ²		4*6	4*6	4*6	4*10
Protection Class (Acc. to IEC529)			IP21S	IP21S	IP21S	IP21S
Dimension (LxWxH)	cm		73*47*69	73*47*69	64*43*66	73*47*92
Weight	kg		63.8	64.8	49.5	91.5



TECHNICAL

WELDING OUTPUT

Current Range	A	10-25
Welding Current at 60% Duty Cycle ¹	A	15
Welding Current at 100% Duty Cycle (40°C)	A	10
No. Load Voltage	V	470

MAINS CONNECTION

Power Supply Voltage	V	1*230
Fuse	A	D16A
Primary current at 100% Duty Cycle	A	9
Installed Power (Max)	KVA	4.5
Mains Cable Cross Section (Cu, Napp)	mm ²	3*1.5
Protection Class (Acc. to IEC529)		IP21S
Dimension (LxWxH)	cm	52*23*45
Weight	kg	20



PLASMA

TECHNICAL

WELDING OUTPUT

		Fine CUT	41	45	61
Current Range	A		20-40	20-45	20-60
Welding Current at 60% Duty Cycle ¹	A		26	35	55
Welding Current at 100% Duty Cycle (40°C)	A		23	30	46
No. Load Voltage	V		410	295	300

MAINS CONNECTION

Power Supply Voltage	V		1*230	1*230	3*400
Fuse	A		D16A	D16A	D16A
Primary current at 100% Duty Cycle	A		11	13	12
Installed Power (Max)	KVA		4.6	5.3	11
Mains Cable Cross Section (Cu, Napp)	mm ²		3*2.5	3*2.5	4*2.5
Protection Class (Acc. to IEC529)			IP21S	IP21S	IP21S
Dimension (LxWxH)	cm		51*18*34	49*18.5*35.5	54*25*42
Weight	kg		14.7	11.8	24.7



TECHNICAL

WELDING OUTPUT

		Super Carrier	G1	G2	P1
Mains Connection			1*230	1*230	1*230
Operating Voltage	V		42	42	42
Fuse	A		D2	D2	D2
Diameter of Circular Cutting	mm		300-2000	300-2000	300-2000
Maximum Cutting Speed	mm/min		750	750	2800
Dimension (L x W x H)	cm		41*59*43	41*59*43	41*24*25
Total Weight (without guidance rail)	kg		19	22	17.3
Guidance Rail Weight	kg		9.2	9.2	9.2



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TECHNICAL

SUB ARC 4S

WELDING OUTPUT

Current Range	A	20-1000
Welding Current at 50% Duty Cycle ¹	A	1000
Welding Current at 100% Duty Cycle (40°C)	A	850
No. Load Voltage	V	56

MAINS CONNECTION

Power Supply Voltage	V	3*400
Fuse	A	D100
Primary current at 100% Duty Cycle	A	67
Installed Power (Max)	KVA	61
Mains Cable Cross Section(Cu,Nayy)	mm ²	4*25
Protection Class (Acc. to IEC529)		IP21S
Dimension (LxWxH)	cm	85*49*94
Weight	kg	225



TECHNICAL

PARS ARC 1203TS

WELDING OUTPUT

Current Range	A	250-1200
Welding Current at 60% Duty Cycle ¹	A	-
Welding Current at 100% Duty Cycle (40°C)	A	1200
No. Load Voltage	V	60

MAINS CONNECTION

Power Supply Voltage	V	3*400
Fuse	A	D125A
Primary current at 100% Duty Cycle	A	110
Installed Power (Max)	KVA	76.2
Mains Cable Cross Section(Cu,Nayy)	mm ²	4*25
Protection Class (Acc. to IEC529)		IP21S
Dimension (LxWxH)	cm	100*56*99
Weight	kg	435

TECHNICAL DATA

PARS CAT (Feeder with Carriage)

ARC FEED (Stationary Feeders without Carriage)

PARS CAT P2310

ARC FEED P2310

Maximum Current	A	1400	1400
No. of Rolls		2	2
Type of power supply		PARS ARC 4S / 1203T / 1401T	PARS ARC 4S/1203T /1401T
Wire Diameter	mm	2.4 / 3.2 / 4 / 5	2.4 / 3.2 / 4 / 5
Wire Feed Speed	m/min	0.1 - 10	0.1 - 10
Internal Wire Reel Diameter	mm	300	300
Voltage	V	42	42
Cross Slide	mm	100	100
Vertical Slide	mm	100	100
Travers / Column		Rotatable 360 o / Various Adjustable in Planes	Rotatable 360 o /Various Adjustable in Planes
Welding Head		Various Adjustment in Three Planes	Various Adjustment in Three Planes
Tractor Speed	m/min	0.1 - 1.8	-
Weight	kg	72	62
Max. Dimension (LxWxH)		90 x70 x 90	90 x 70 x 80
Minimum Widths	cm	35	35



SUBMERGED



TECHNICAL

Fine Power 1002

WELDING OUTPUT

Current Range	A	100-1000
Welding Current at 60% Duty Cycle ¹	A	-
Welding Current at 100% Duty Cycle (40°C)	A	1000
No. Load Voltage	V	87

MAINS CONNECTION

Power Supply Voltage	V	3*400
Fuse	A	D100A
Primary current at 100% Duty Cycle	A	80
Installed Power (Max)	KVA	55.5
Mains Cable Cross Section (Cu, Napp)	mm ²	4*2.5
Protection Class (Acc. to IEC529)		IP21S
Dimension (LxWxH)	cm	73*36*86
Weight	kg	83



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TECHNICAL DATA

PARS CAT (Feeder with Carriage)

ARC FEED (Stationary Feeders without Carriage)

PARS CAT P2310

ARC FEED P2310

Maximum Current	A	1400	1400
No. of Rolls		2	2
Type of power supply		PARS ARC 4S / 1203T / 1401T	PARS ARC 4S/1203T /1401T
Wire Diameter	mm	2.4 / 3.2 / 4 / 5	2.4 / 3.2 / 4 / 5
Wire Feed Speed	m/min	0.1 - 10	0.1 - 10
Internal Wire Reel Diameter	mm	300	300
Voltage	V	42	42
Cross Slide	mm	100	100
Vertical Slide	mm	100	100
Travers / Column		Rotatable 360 o / Various Adjustable in Planes	Rotatable 360 o / Various Adjustable in Planes
Welding Head		Various Adjustment in Three Planes	Various Adjustment in Three Planes
Tractor Speed	m/min	0.1 - 1.8	-
Weight	kg	72	62
Max. Dimension (LxWxH)		90 x70 x 90	90 x 70 x 80
Minimum Widths	cm	35	35



TECHNICAL

Engine Welder 180PRO

WELDING OUTPUT

Current Range	A	10-180
Welding Current at 30% Duty Cycle ¹	A	180
Welding Current at 100% Duty Cycle (40°C)	A	100
No. Load Voltage	V	75

AUXILIARY OUT PUT

Out Put Power	240V/60Hz
Output	25
Rpm(Max)	3600
Fuel Tank	19L
Protection Class (Acc. to IEC529)	IP21S
Dimension (LxWxH)	cm 90*80*65
Weight	kg 140



مارکت

گام



TECHNICAL

PARS G 1002T (TS)

WELDING OUTPUT

Current Range	A	20-1000
Welding Current at 25% Duty Cycle ¹	A	1000
Welding Current at 100% Duty Cycle (40°C)	A	650
No. Load Voltage	V	85

MAINS CONNECTION

Power Supply Voltage	V	3*400
Fuse	A	D100
Primary current at 100% Duty Cycle	A	52
Installed Power (Max)	KVA	69
Mains Cable Cross Section(Cu,Nayy)	mm ²	4*10
Protection Class (Acc. to IEC529)		IP21S
Dimension (LxWxH)	cm	85*49*93
Weight	kg	249



مارکت
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ENGINE WELDER

TECHNICAL

DA 222

WELDING OUTPUT

Current Range	A	50-200
Welding Current at 60% Duty Cycle ¹	A	-
Welding Current at 100% Duty Cycle (40°C)	A	-
No. Load Voltage	V	85

MAINS CONNECTION

Power Supply Voltage	V	3*400
Fuse	A	D125A
Primary current at 100% Duty Cycle	A	-
Installed Power (Max)	KVA	118
Mains Cable Cross Section (Cu, Nany)	mm ²	4*35
Protection Class (Acc. to IEC529)		IP21S
Dimension (LxWxH)	cm	71*36*77
Weight	kg	70



TECHNICAL

DA 161

WELDING OUTPUT

Current Range	A	100-1000
Welding Current at 60% Duty Cycle ¹	A	-
Welding Current at 100% Duty Cycle (40°C)	A	-
No. Load Voltage	V	80

MAINS CONNECTION

Power Supply Voltage	V	3*400
Fuse	A	D80A
Primary current at 100% Duty Cycle	A	-
Installed Power (Max)	KVA	53
Mains Cable Cross Section (Cu, Nany)	mm ²	4*10
Protection Class (Acc. to IEC529)		IP21S
Dimension (LxWxH)	cm	69*47.5*60.5
Weight	kg	48



TECHNICAL

DA 122

WELDING OUTPUT

Current Range	A	50-900
Welding Current at 60% Duty Cycle ¹	A	-
Welding Current at 100% Duty Cycle (40°C)	A	-
No. Load Voltage	V	85

MAINS CONNECTION

Power Supply Voltage	V	3*400
Fuse	A	D50A
Primary current at 100% Duty Cycle	A	-
Installed Power (Max)	KVA	55.4
Mains Cable Cross Section (Cu, Nany)	mm ²	4*6
Protection Class (Acc. to IEC529)		IP21S
Dimension (LxWxH)	cm	56.5*33.5*50
Weight	kg	40



TECHNICAL

CD 601i 802i 1001i

WELDING OUTPUT

Single Phase Input 50HZ 1, 60HZ	VAC	230-115	230-115	230-115
Fuse ²	A	T16	T16	T16
Power Source		Capacitor bank	Capacitor bank	Capacitor bank
Welding Range for Mild steel	mm	M3-M6	M3-M8	M3-M10

MAINS CONNECTION

Charging Capacity	μF	44000	66000	132000
Charging Voltage	VDC	50-200	50-200	50-200
Welding Time	S	0.001-0.003	0.001-0.003	0.001-0.003
Insulation Class		F	F	F
Protection Class	IP	IP21S	IP21S	IP21S
Dimension (LxWxH)	cm	50.5x18.5x34	50.5x18.5x34	50.5x43.5x22.5
Weight	kg	11.9	13	20





TECHNICAL

DIGITIG 401 AC/DC 402 AC/DC 501 AC/DC

WELDING OUTPUT

	A	5-400	5-400	10-400	7-400	10-500	7-500
Current Range	A	5-400	5-400	10-400	7-400	10-500	7-500
Welding Current at 60% Duty Cycle ¹	A	400	350	-	340	500	420
Welding Current at 100% Duty Cycle (40°C)	A	360	310	400	310	440	400
No. Load Voltage	V	83	83	70	70	72	72

MAINS CONNECTION

Power Supply Voltage	V	3*400	3*400	3*400	3*400	3*400	3*400
Fuse	A	D35A	D35A	D35A	D35A	D35A	D35A
Primary current at 100% Duty Cycle	A	12	12	22	22	29	29
Installed Power (Max)	KVA	19	19	20	20	23	23
Mains Cable Cross Section(Cu,Nayy)	mm ²	4*4	4*4	4*4	4*4	4*6	4*6
Protection Class (Acc. to IEC529)		IP21S	IP21S	IP21S	IP21S	IP21S	IP21S
Dimension (LxWxH)	cm	67*30*61	67*30*61	96*50*102	96*50*102	77*32*60	77*32*60
Weight	kg	56	56	80	80	58	58

TECHNICAL

PRO TIG 402 DC-PULSE

WELDING OUTPUT

Current Range	A	8-400
Welding Current at 60% Duty Cycle ¹	A	-
Welding Current at 100% Duty Cycle (40°C)	A	400
No. Load Voltage	V	20

MAINS CONNECTION

Power Supply Voltage	V	3*400
Fuse	A	D35A
Primary current at 100% Duty Cycle	A	25
Installed Power (Max)	KVA	17.3
Mains Cable Cross Section(Cu,Nayy)	mm ²	4*6
Protection Class (Acc. to IEC529)		IP21S
Dimension (LxWxH)	cm	96*77*92
Weight	kg	68

TECHNICAL

Carry TIG 503 DC 403 DC 251 DC

WELDING OUTPUT

Current Range	A	8-500	8-400	20-250
Welding Current at 60% Duty Cycle ¹	A	450	-	220
Welding Current at 100% Duty Cycle (40°C)	A	430	400	200
No. Load Voltage	V	20	20	75

MAINS CONNECTION

Power Supply Voltage	V	3*400	3*400	3*400
Fuse	A	D50A	D35A	D16A
Primary current at 100% Duty Cycle	A	28	25	9.2
Installed Power (Max)	KVA	24	17.3	9.7
Mains Cable Cross Section(Cu,Nayy)	mm ²	4*6	4*6	4*2.5
Protection Class (Acc. to IEC529)		IP21S	IP21S	IP21S
Dimension (LxWxH)	cm	96*77*92	96*77*92	50*25*44
Weight	kg	68	68	22.5

TECHNICAL

Mini TIG 201 AC/DC 202 P 251 DC Easy TIG

WELDING OUTPUT

Current Range	A	10-200	5-200	10-200	10-250
Welding Current at 60% Duty Cycle ¹	A	140	100	180	190
Welding Current at 100% Duty Cycle (40°C)	A	130	90	160	180
No. Load Voltage	V	50	50	65	63

MAINS CONNECTION

Power Supply Voltage	V	1*230	1*230	1*230	1*230
Fuse	A	D25A	D25A	D25A	D35A
Primary current at 100% Duty Cycle	A	13.5	9	21	22
Installed Power (Max)	KVA	6.3	6.3	8.7	11.3
Mains Cable Cross Section(Cu,Nayy)	mm ²	3*2.5	3*2.5	3*4	3*4
Protection Class (Acc. to IEC529)		IP21S	IP21S	IP21S	IP21S
Dimension (LxWxH)	cm	50.5*18.5*34	50.5*18.5*34	39.5*15*25	53*17.5*32.5
Weight	kg	12	12	6.7	10.5

