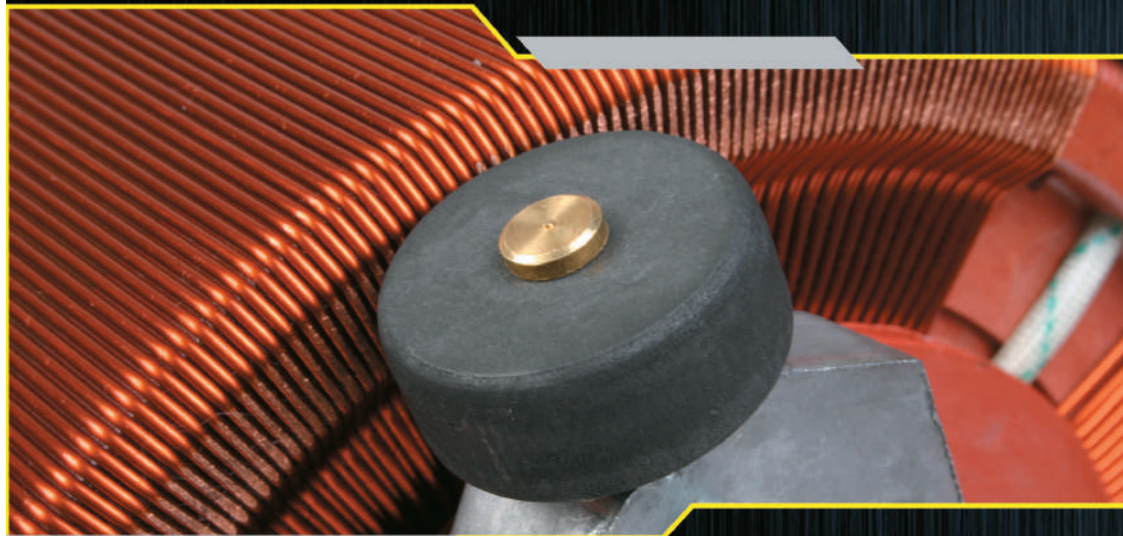


DEMİR İZ®



DEMİR İZ®

DISTRIBUTOR

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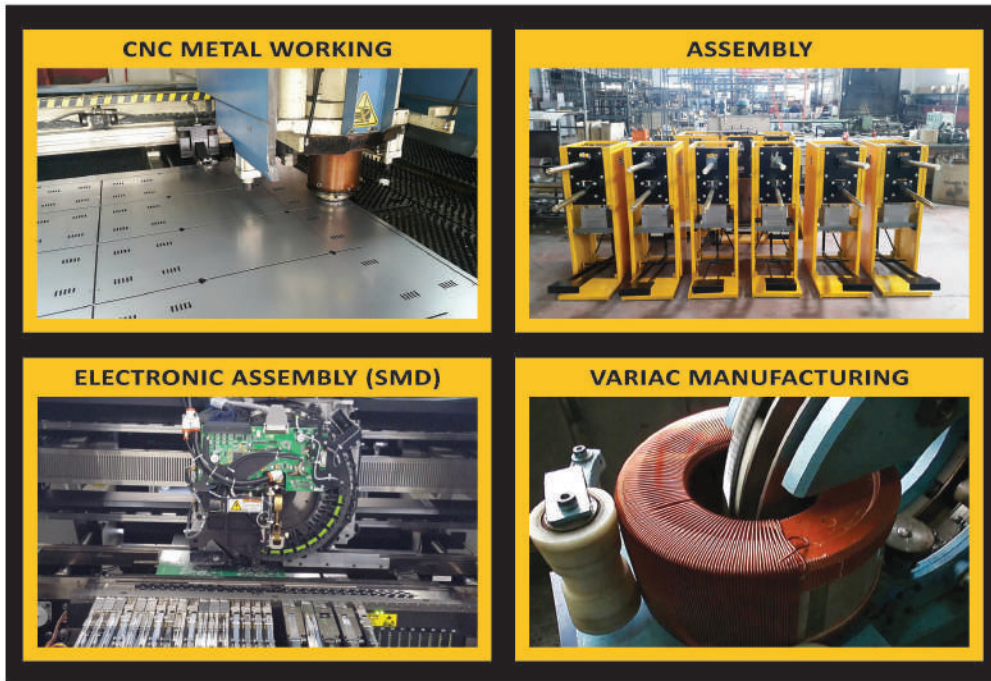
2019
PRODUCT RANGE

Demiriz is established as a small workplace in Istanbul by Salih Güven DEMİRİZ in 1980. At the start, the products were step controlled voltage stabilizers, isolated transformers and traditional welding equipments. Then, battery chargers, servo automatic voltage stabilizers and spot welding machines are added to product range.

The culture of mass production process is assimilated in a good way after the factory is built in Silivri Ortaköy Industrial Zone. Demiriz performs production, research and development in the usage area as 5.750 m², also machine park and physical assets are strong enough to fulfil the mass order. Demiriz having vendors over 100, services over 40 throughout Turkey and the world always offers high quality to customers with such certifications as TSE and CE.

Demiriz decided to produce ARC 200 and ARC 220 PRO models of inverter stick welders with the development of welding technology. Demiriz has become a manufacturer which produce electronics based products with this decision. Besides, arc welding cables have been produced since 2007. The potential of welding cables are increased day by day.

Demiriz Electric has aimed at continuous improvement, renewal of products and strengthening market presence.



SINCE
1980



2 YEARS
WARRANTY

Digital Step Controlled MIG/MAG Welding Machines MIG 275 E, MIG 375 E, MIG 420 E, MIG 470 EW, MIG 570 EW	4 - 5
Step Controlled MIG/MAG Welding Machines MIG 250 S, MIG 350 S, MIG 400 A, MIG 450 W, MIG 550 W	6 - 7
Monophase MIG/MAG Welding Machine MIG 200 M	8
Electromechanical DC Electrode Welding Machines TDC 455, TDC 475, TDC 600	8 - 9
Monophase Inverter DC Electrode Welding Machines ARC 200, ARC 220 PRO	10 - 11
Precise Adjusted AC Electrode Welding Machines E-250 CA, E-250 B	12
Step Controlled AC Electrode Welding Machines T-250 CA, T-250 B	12
Electromechanical AC Electrode Welding Machines T-400 CA, T-400 B, T-500 CB	13
Portable Spot Welding Machines DP 1, DP 1 E	14
Step Controlled Spot Welding Machines DP 10, DP 15, DP 20, DP 30	15
Electronic Controlled Spot Welding Machines DP 10 E, DP 15 E, DP 20 E, DP 30 E	16
Pneumatical Electronic Spot Welding Machines DPP 10 E, DPP 15 E, DPP 20 E, DPP 30 E, DPP 45 E, DPP 60 E	17
Ventilating Duct Spot Welding Machine KANAL 45	18
Water Cooling Units for Spot Welders CHILLER 1/4, CHILLER 1/2, CHILLER 1, DSU 6	19
Car Body Spotter Machines CS 5000, CS 9000, CS 10000, CS 12000	20 - 21
Copper Pipe Welding Machine DCP-3	22
Plastic Pipe Welding Machine Set DPB-1	22
Monophase and Triphase Cable Reels DM and DT series	23
Automatic Battery Chargers BC 1215 E, BC 2415 E, BC 1230 E, BC 2430 E	23
Manual Battery Chargers BC 1208, BC 1215, BC 2415, BC 4815, BC 9015, BC 1225, BC 2425, BC 4825, BC 9025 BC 1240, BC 2440, BC 4840, BC 9040, BC 1260, BC 2460, BC 4860, BC 9060	24 - 25
Monophase Relay Type Automatic Voltage Regulators MRR series	26
Monophase Servo Automatic Voltage Regulators MSR series	27
Triphase Servo Automatic Voltage Regulators TSR series	28 - 29
Monophase and Triphase Isolated/Auto Transformers Monophase and Triphase	30
Monophase Variable Transformers MPV Series	30
Coaxial Cables RG 6/U-4, RG 6/U-6, CCTV, DT 8, J-Y(st)...Lg, H03VH-H, VBV	31
Arc Welding Cables H01N2-D	31

MIG 275 E

Turkish Product



- Ideal for welding metals sheets up to 10 mm
- Microprocessor controlled wire feeder system
- 2 rollers wire drive
- Current setting with 2 thick and 7 thin steps
- Digital screen for voltage, current and wire speed
- 2T / 4T function
- Adjustable burn-back, pre-gas, post-gas functions
- Fan cooling
- Protected against overheating
- Plug for CO₂ heater

MIG 275 E	
Input Voltage	3 Phase, 380 V 50 Hz.
Required Input Fuse	C Type 3x25 A
Current Setting	(2x7) 14 Steps
Wire Diameter	
Non-Alloyed	0.80 - 1.00
Stainless	0.80 - 1.00
Aluminum	0.80 - 1.00
Standard Package:	
Mains Cable	3 m. 4x1.50 mm ²
Torch	3 m. Air Cooled Torch
Earth Cable	3 m. 25 mm ²
Dimensions (w/d/h) (cm)	51 x 100 x 75
Weight	90 kgs

MIG 420 E

Turkish Product



- Ideal for welding metals sheets up to 20 mm
- Microprocessor controlled wire feeder system
- 2 rollers wire drive
- Current setting with 2 thick and 7 thin steps
- Digital screen for voltage, current and wire speed
- 2T / 4T function
- Adjustable burn-back, pre-gas, post-gas functions
- Fan cooling
- Protected against overheating
- Plug for CO₂ heater

MIG 420 E	
Input Voltage	3 Phase, 380 V 50 Hz.
Required Input Fuse	C Type 3x32 A
Current Setting	(2x7) 14 Steps
Wire Diameter	
Non-Alloyed	0.80 - 1.00
Stainless	0.80 - 1.00
Aluminum	0.80 - 1.00
Standard Package:	
Mains Cable	3 m. 4x2.50 mm ²
Torch	3 m. Air Cooled Torch
Earth Cable	3 m. 25 mm ²
Wire Feeding Unit Cable	5 m.
Dimensions (w/d/h) (cm)	51 x 100 x121
Weight	135 kgs

MIG 375 E

Turkish Product



- Ideal for welding metals sheets up to 15 mm
- Microprocessor controlled wire feeder system
- 2 rollers wire drive
- Current setting with 2 thick and 7 thin steps
- Digital screen for voltage, current and wire speed
- 2T / 4T function
- Adjustable burn-back, pre-gas, post-gas functions
- Fan cooling
- Protected against overheating
- Plug for CO₂ heater

MIG 375 E	
Input Voltage	3 Phase, 380 V 50 Hz.
Required Input Fuse	C Type 3x25 A
Current Setting	(2x7) 14 Steps
Wire Diameter	
Non-Alloyed	0.80 - 1.00
Stainless	0.80 - 1.00
Aluminum	0.80 - 1.00
Standard Package:	
Mains Cable	3 m. 4x1.50 mm ²
Torch	3 m. Air Cooled Torch
Earth Cable	3 m. 25 mm ²
Dimensions (w/d/h) (cm)	51 x 100 x 75
Weight	100 kgs

MIG 470 EW

Turkish Product



MIG 570 EW

Turkish Product

- Ideal for welding metals sheets up to 25 mm (MIG 450 W)
- Ideal for welding metals sheets up to 35 mm (MIG 550 W)
- Microprocessor controlled wire feeder system
- 2 rollers wire drive
- Current setting with 2 thick and 7 thin steps (MIG 450 W)
- Current setting with 4 thick and 10 thin steps (MIG 550 W)
- Digital screen for voltage, current and wire speed
- 2T / 4T function
- Adjustable burn-back, pre-gas, post-gas functions
- Fan cooling
- Protected against overheating
- Plug for CO₂ heater

	MIG 470 EW	MIG 570 EW
Input Voltage	3 Phase, 380 V 50 Hz.	3 Phase, 380 V 50 Hz.
Required Input Fuse	C Type 3x40 A	C Type 3x63 A
Current Setting	(2x7) 14 Steps	(4x10) 40 Steps
Wire Diameter		
Non-Alloyed	0.80 - 1.00 - 1.20	0.80 - 1.00 - 1.20 - 1.60
Stainless	0.80 - 1.00 - 1.20	0.80 - 1.00 - 1.20 - 1.60
Aluminum	0.80 - 1.00 - 1.20	0.80 - 1.00 - 1.20 - 1.60
Standard Package:		
Mains Cable	3 m. 4x2.50 mm ²	3 m. 4x4.00 mm ²
Torch	3 m. Water Cooled Torch	3 m. Water Cooled Torch
Earth Cable	3 m. 35 mm ²	3 m. 50 mm ²
Wire Feeding Unit Cable	5 m.	5 m.
Dimensions (w/d/h) (cm)	70 x 107 x138	70 x 107 x138
Weight	220 kgs	260 kgs

MIG 250 S

Turkish Product



- Ideal for welding metals sheets up to 10 mm
- Microprocessor controlled wire feeder system
- 2 rollers wire drive
- Current setting with 2 thick and 7 thin steps
- 2T / 4T function
- Adjustable burn-back function
- Fan cooling
- Protected against overheating
- Plug for CO₂ heater

MIG 250 S	
Input Voltage	3 Phase, 380 V 50 Hz.
Required Input Fuse	C Type 3x25 A
Current Setting	(2x7) 14 Steps
Wire Diameter	
Non-Alloyed	0.80 - 1.00
Stainless	0.80 - 1.00
Aluminum	0.80 - 1.00
Standard Package:	
Mains Cable	3 m. 4x1.50 mm ²
Torch	3 m. Air Cooled Torch
Earth Cable	3 m. 25 mm ²
Dimensions (w/d/h) (cm)	51 x 100 x 75
Weight	90 kgs

MIG 400 A

Turkish Product



- Ideal for welding metals sheets up to 20 mm
- Microprocessor controlled wire feeder system
- 2 rollers wire drive
- Current setting with 2 thick and 7 thin steps
- 2T / 4T function
- Adjustable burn-back function
- Fan cooling
- Protected against overheating
- Plug for CO₂ heater

MIG 400 A	
Input Voltage	3 Phase, 380 V 50 Hz.
Required Input Fuse	C Type 3x32 A
Current Setting	(2x7) 14 Steps
Wire Diameter	
Non-Alloyed	0.80 - 1.00
Stainless	0.80 - 1.00
Aluminum	0.80 - 1.00
Standard Package:	
Mains Cable	3 m. 4x2.50 mm ²
Torch	3 m. Air Cooled Torch
Earth Cable	3 m. 25 mm ²
Wire Feeding Unit Cable	5 m.
Dimensions (w/d/h) (cm)	51 x 100 x 121
Weight	135 kgs

MIG 350 S

Turkish Product



- Ideal for welding metals sheets up to 15 mm
- Microprocessor controlled wire feeder system
- 2 rollers wire drive
- Current setting with 2 thick and 7 thin steps
- 2T / 4T function
- Adjustable burn-back function
- Fan cooling
- Protected against overheating
- Plug for CO₂ heater

MIG 350 S	
Input Voltage	3 Phase, 380 V 50 Hz.
Required Input Fuse	C Type 3x25 A
Current Setting	(2x7) 14 Steps
Wire Diameter	
Non-Alloyed	0.80 - 1.00
Stainless	0.80 - 1.00
Aluminum	0.80 - 1.00
Standard Package:	
Mains Cable	3 m. 4x1.50 mm ²
Torch	3 m. Air Cooled Torch
Earth Cable	3 m. 25 mm ²
Dimensions (w/d/h) (cm)	51 x 100 x 75
Weight	100 kgs

MIG 450 W

Turkish Product

MIG 550 W

Turkish Product



- Ideal for welding metals sheets up to 25 mm (MIG 450 W)
- Ideal for welding metals sheets up to 35 mm (MIG 550 W)
- Microprocessor controlled wire feeder system
- 2 rollers wire drive
- Current setting with 2 thick and 7 thin steps (MIG 450 W)
- Current setting with 4 thick and 10 thin steps (MIG 550 W)
- 2T / 4T function
- Adjustable burn-back function
- Fan cooling
- Protected against overheating

	MIG 450 W	MIG 550 W
Input Voltage	3 Phase, 380 V 50 Hz.	3 Phase, 380 V 50 Hz.
Required Input Fuse	C Type 3x40 A	C Type 3x63 A
Current Setting	(2x7) 14 Steps	(4x10) 40 Steps
Wire Diameter		
Non-Alloyed	0.80 - 1.00 - 1.20	0.80 - 1.00 - 1.20 - 1.60
Stainless	0.80 - 1.00 - 1.20	0.80 - 1.00 - 1.20 - 1.60
Aluminum	0.80 - 1.00 - 1.20	0.80 - 1.00 - 1.20 - 1.60
Standard Package:		
Mains Cable	3 m. 4x2.50 mm ²	3 m. 4x4.00 mm ²
Torch	3 m. Water Cooled Torch	3 m. Water Cooled Torch
Earth Cable	3 m. 35 mm ²	3 m. 50 mm ²
Wire Feeding Unit Cable	5 m.	5 m.
Dimensions (w/d/h) (cm)	70 x 107 x 138	70 x 107 x 138
Weight	220 kgs	260 kgs

MIG 200 M

Turkish Product

- Provides better results on thin metal sheets
- Ideal for body repair workshop, hobby activities and small
- Capability to work with 15 kgs wire basket
- Microprocessor controlled wire feeder system
- Current setting with 7 steps
- 2 rollers wire drive
- Fan cooling
- Protected against overheating
- Plug for CO₂ heater



MIG 200 M	
Input Voltage	1 Phase, 220 V 50 Hz.
Required Input Fuse	C Type 32 A
Current Setting	7 Steps
Wire Diameter	
Non-Alloyed	0.60 - 0.80 - 1.00
Stainless	0.60 - 0.80 - 1.00
Aluminum	0.60 - 0.80 - 1.00
Standard Package:	
Mains Cable	3 m. 3x2.50 mm ²
Torch	3 m. Air Cooled Torch
Earth Cable	3 m. 16 mm ²
Dimensions (w/d/h) (cm)	51 x 100 x 75
Weight	80 kgs

TDC 475

Turkish Product

- Capability to weld rutile, basic and cellulosic electrodes
- Suitable for heavy conditions
- Precise welding current adjustment with magnetic core
- Separated main and choke transformers
- Fan cooling



TDC 475	
Input Voltage	3 Phase, 380 V 50 Hz.
Required Input Fuse	C Type 3x63 A
Current Setting	Magnetic Core
Electrode Diameter	
Rutile	3.25 - 4.00 - 5.00 - 6.00
Basic	3.25 - 4.00 - 5.00 - 6.00
Cellulosic	3.25 - 4.00 - 5.00 - 6.00
Standard Package:	
Mains Cable	3 m. 4x4.00 mm ²
Electrode Cable	5 m. 50 mm ²
Earth Cable	3 m. 50 mm ²
Dimensions (w/d/h) (cm)	64 x 91 x 70
Weight	205 kgs

TDC 455

Turkish Product

- Capability to weld rutile and basic electrodes
- Suitable for heavy conditions
- Precise welding current adjustment with magnetic core
- 9 coils transformer system
- Fan cooling



TDC 455	
Input Voltage	3 Phase, 380 V 50 Hz.
Required Input Fuse	C Type 3x63 A
Current Setting	Magnetic Core
Electrode Diameter:	
Rutile	2.50 - 3.25 - 4.00 - 5.00
Basic	2.50 - 3.25 - 4.00 - 5.00
Standard Package:	
Mains Cable	3 m. 4x4.00 mm ²
Electrode Cable	5 m. 35 mm ²
Earth Cable	3 m. 35 mm ²
Dimensions (w/d/h) (cm)	66 x 83 x 74
Weight	180 kgs

TDC 600

Turkish Product

- Capability to weld rutile, basic and cellulosic electrodes
- Suitable for heavy conditions
- Precise welding current adjustment with magnetic core
- Separated main and choke transformers
- Fan cooling



TDC 600	
Input Voltage	3 Phase, 380 V 50 Hz.
Required Input Fuse	C Type 3x80 A
Current Setting	Magnetic Core
Electrode Diameter	
Rutile	4.00 - 5.00 - 6.00 - 8.00
Basic	4.00 - 5.00 - 6.00 - 8.00
Cellulosic	4.00 - 5.00 - 6.00 - 8.00
Standard Package:	
Mains Cable	3 m. 4x6.00 mm ²
Electrode Cable	5 m. 70 mm ²
Earth Cable	3 m. 70 mm ²
Dimensions (w/d/h) (cm)	77 x 110 x 80
Weight	300 kgs



ARC 200

Turkish Product

- IGBT inverter technology
- High duty cycle
- Capability to weld rutile and basic electrodes
- Toroidal winding powerful output transformer
- 35-50 mm² CE certificated welding plugs
- 32 A C type automated fuse at input
- Hot-Start function
- Anti-Stick function
- Capability to work with generator
- Fan cooling
- Protected against overheating



ARC 200	
Input Voltage	1 Phase, 220 V 50 Hz.
Input Fuse	C Type 32 A
Current Setting Range	20 A - 200 A
Duty Cycle	200 A at 15%
Electrode Diameter:	
Rutile	2.50 - 3.25 - 4.00 (max.)
Basic	2.50 - 3.25 - 4.00 (max.)
Standard Package:	
Mains Cable	3 m. 3x2.50 mm ²
Electrode Cable	2.5 m. 16 mm ²
Earth Cable	2.5 m. 16 mm ²
Diemensions (w/d/h) (cm)	16 x 35 x 26
Weight	7 kgs

ARC 220 PRO

Turkish Product

- IGBT inverter technology
- High duty cycle
- Capability to weld rutile, basic and cellulosic electrodes
- Digital current display
- Adjustable arc force function
- Toroidal winding powerful output transformer
- 35-50 mm² CE certificated welding plugs
- 40 A C type automated fuse at input
- Hot-Start function
- Anti-Stick function
- Capability to work with generator
- Fan cooling
- Protected against overheating



ARC 220 PRO	
Input Voltage	1 Phase, 220 V 50 Hz.
Input Fuse	C Type 40 A
Current Setting Range	20 A - 220 A
Duty Cycle	220 A at 35%
Electrode Diameter	
Rutile	2.50 - 3.25 - 4.00
Basic	2.50 - 3.25 - 4.00
Cellulosic	2.50 - 3.25 - 4.00
Standard Package:	
Mains Cable	3 m. 3x2.50 mm ²
Electrode Cable	3 m. 16 mm ²
Earth Cable	3 m. 16 mm ²
Diemensions (w/d/h) (cm)	16 x 40 x 26
Weight	9 kgs

PRECISE ADJUSTED AC ELECTRODE WELDING MACHINE

E-250 CA

Turkish Product

E-250 B

Turkish Product

- Capability to weld rutile electrodes
- Light and ergonomic design
- Precise welding current adjustment with electronic board
- 4 coils transformer system
- Fan cooling
- Protected against overheating



	E-250 CA	E-250 B
Input Voltage	1 Phase, 220 V 50 Hz.	1 Phase, 220 V 50 Hz.
Required Input Fuse	C Type 40 A	C Type 40 A
Current Setting	Electronic	Electronic
Winding Material	Enamelled Aluminum	Enamelled Copper
Electrode Diameter:		
Rutile	1.60 - 2.50 - 3.25	1.60 - 2.50 - 3.25
Standard Package:		
Mains Cable	2 m. 3x2.50 mm ²	2 m. 3x2.50 mm ²
Electrode Cable	2 m. 10 mm ²	2 m. 10 mm ²
Earth Cable	2 m. 10 mm ²	2 m. 10 mm ²
Dimensions (w/d/h) (cm)	17 x 32 x 27	17 x 32 x 27
Weight	15 kgs	16 kgs

ELECTROMECHANICAL AC ELECTRODE WELDING MACHINE

T-400 CA

Turkish Product

T-400 B

Turkish Product

- Capability to weld rutile electrodes
- Suitable for manufacturing plants and building sites
- Precise welding current adjustment with magnetic core
- 6 coils transformer system
- Fan cooling



	T-400 CA	T-400 B
Input Voltage	2 Phase, 380 V 50 Hz.	2 Phase, 380 V 50 Hz.
Required Input Fuse	C Type 2x63 A	C Type 2x63 A
Current Setting	Magnetic Core	Magnetic Core
Winding Material	Enamelled Aluminum	Enamelled Copper
Electrode Diameter:		
Rutile	2.50 - 3.25 - 4.00	2.50 - 3.25 - 4.00
Standard Package:		
Mains Cable	3 m. 2x4.00 mm ²	3 m. 2x4.00 mm ²
Electrode Cable	3 m. 25 mm ²	3 m. 25 mm ²
Earth Cable	2 m. 25 mm ²	2 m. 25 mm ²
Dimensions (w/d/h) (cm)	52 x 61 x 71	52 x 61 x 71
Weight	96 kgs	100 kgs

STEP CONTROLLED AC ELECTRODE WELDING MACHINE

T-250 CA

Turkish Product

T-250 B

Turkish Product

- Capability to weld rutile electrodes
- Welding current adjustment with 5 steps
- 4 coils transformer system
- Fan cooling



	T-250 CA	T-250 B
Input Voltage	1 Phase, 220 V 50 Hz.	1 Phase, 220 V 50 Hz.
Required Input Fuse	C Type 40 A	C Type 40 A
Current Setting	5 Steps	5 Steps
Winding Material	Enamelled Aluminum	Enamelled Copper
Electrode Diameter:		
Rutile	2.50 - 3.25	2.50 - 3.25
Standard Package:		
Mains Cable	2 m. 3x2.50 mm ²	2 m. 3x2.50 mm ²
Electrode Cable	2 m. 10 mm ²	2 m. 10 mm ²
Earth Cable	2 m. 10 mm ²	2 m. 10 mm ²
Dimensions (w/d/h) (cm)	25 x 36 x 29	25 x 36 x 29
Weight	22 kgs	24 kgs

ELECTROMECHANICAL AC ELECTRODE WELDING MACHINE

T-500 CB

Turkish Product

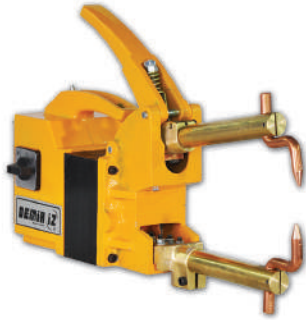
- Capability to weld rutile electrodes
- Suitable for manufacturing plants and building sites
- Precise welding current adjustment with magnetic core
- 6 coils transformer system
- Fan cooling



	T-500 CB
Input Voltage	2 Phase, 380 V 50 Hz.
Required Input Fuse	C Type 2x63 A
Current Setting	Magnetic Core
Winding Material	Enamelled Copper
Electrode Diameter:	
Rutile	2.50 - 3.25 - 4.00 - 5.00
Standard Package:	
Mains Cable	3 m. 2x4.00 mm ²
Electrode Cable	3 m. 25 mm ²
Earth Cable	2 m. 25 mm ²
Dimensions (w/d/h) (cm)	52 x 61 x 71
Weight	105 kgs

DP 1

Turkish Product



- Aluminum casting durable block
- 100% copper wound powerful transformer
- Working capability as portable
- Welding current adjustment with 3 steps
- German origin Eaton branded contactor

DP 1	
Input Voltage	1 Phase, 220 V 50 Hz.
Required Input Fuse	C Type 40 A
Power	1 kVA
Current Setting	3 Steps
Timer	-
Working Depth	20 cm
Welding Thickness:	
Steel	1.00 mm + 1.00 mm
Galvanised	0.50 mm + 0.50 mm
Dimensions (w/d/h) (cm)	11 x 46 x 30
Weight	12.5 kgs



- High power transformer
- Welding current adjustment with 5 steps
- High-conductivity brass arms
- Special produced copper welding nuts
- 50 cm working depth

DP 10

Turkish Product

DP 15

Turkish Product

DP 20

Turkish Product

DP 30

Turkish Product

	DP 10	DP 15	DP 20	DP 30
Input Voltage	2 Phase, 380 V 50 Hz.	2 Phase, 380 V 50 Hz.	2 Phase, 380 V 50 Hz.	2 Phase, 380 V 50 Hz.
Required Input Fuse	C Type 2x40 A	C Type 2x40 A	C Type 2x63 A	C Type 2x63 A
Power	10 kVA	15 kVA	20 kVA	30 kVA
Current Setting	5 Steps	5 Steps	5 Steps	5 Steps
Timer	-	-	-	-
Working Depth	50 cm	50 cm	50 cm	50 cm
Welding Thickness:				
Steel	2.00 mm + 2.00 mm	2.50 mm + 2.50 mm	3.00 mm + 3.00 mm	3.50 mm + 3.50 mm
Galvanised	0.80 mm + 0.80 mm	1.00 mm + 1.00 mm	1.20 mm + 1.20 mm	1.50 mm + 1.50 mm
Dimensions (w/d/h) (cm)	47 x 120 x 115	47 x 120 x 115	51 x 120 x 117	51 x 120 x 117
Weight	147 kgs	155 kgs	225 kgs	255 kgs

TIME-ADJUSTED PORTABLE SPOT WELDING MACHINE

DP 1 E

Turkish Product



Back Panel

- Aluminum casting durable block
- 100% copper wound powerful transformer
- Working capability as portable
- Welding current adjustment with 3 steps
- German origin Eaton branded contactor
- 0.1 second sensitively welding time adjustment with German origin Eaton branded timer relay

DP 1 E	
Input Voltage	1 Phase, 220 V 50 Hz.
Required Input Fuse	C Type 40 A
Power	1 kVA
Current Setting	3 Steps
Timer	0.1 s - 10 s
Working Depth	20 cm
Welding Thickness:	
Steel	1.00 mm + 1.00 mm
Galvanised	0.50 mm + 0.50 mm
Dimensions (w/d/h) (cm)	11 x 46 x 30
Weight	12.6 kgs



Optional Sliding System

- Optional sliding sub-arm (It can be pulled down 10 cm.)

IMPORTANT!

- Water cooling system for spot welding machines is too important to get good welding results. You can find them at Page 19.



- 1 Welding Current : Provides to adjust output power sensitively as 0-99.
- 2 Pressing Time : Duration between touching of work piece - welding electrodes and starting welding arc after the pressing foot pedal. It can be adjusted sensitively as 0.1 s.
- 3 Welding Time : Provides to adjust welding period sensitively as 0-99.
- 4 Cooling Time : Determines the waiting period for cooling work piece after welding time. It can be adjusted sensitively as 0.1 s.
- 5 Repeat Time : Duration between end of the cooling time and new welding pressing time on pneumatical spot welding machines. It can be adjusted sensitively as 0.1 s.
- 6 Current : Machine is ready to give output after pushing the button.
- 7 Recurrent : Machine repeats the welding periods during pushing foot pedal if the button is active.



Optional Sliding System

• Optional sliding sub-arm (It can be pulled down 10 cm.)

- DP 10 E**
Turkish Product
- DP 15 E**
Turkish Product
- DP 20 E**
Turkish Product
- DP 30 E**
Turkish Product

- High power transformer
- Welding current and time adjustment with microprocessor control unit
- High-conductivity brass arms
- Special produced copper welding nuts
- 50 cm working depth

IMPORTANT !

• Water cooling system for spot welding machines is too important to get good welding results. You can find them at Page 19.

	DP 10 E	DP 15 E	DP 20 E	DP 30 E
Input Voltage	2 Phase, 380 V 50 Hz.	2 Phase, 380 V 50 Hz.	2 Phase, 380 V 50 Hz.	2 Phase, 380 V 50 Hz.
Required Input Fuse	C Type 2x40 A	C Type 2x40 A	C Type 2x63 A	C Type 2x63 A
Power	10 kVA	15 kVA	20 kVA	30 kVA
Current Setting	Electronic	Electronic	Electronic	Electronic
Timer	Electronic	Electronic	Electronic	Electronic
Working Depth	50 cm	50 cm	50 cm	50 cm
Welding Thickness:				
Steel	2.00 mm + 2.00 mm	2.50 mm + 2.50 mm	3.00 mm + 3.00 mm	3.50 mm + 3.50 mm
Galvanised	0.80 mm + 0.80 mm	1.00 mm + 1.00 mm	1.20 mm + 1.20 mm	1.50 mm + 1.50 mm
Diemensions (w/d/h) (cm)	47 x 120 x 115	47 x 120 x 115	51 x 120 x 117	51 x 120 x 117
Weight	147 kgs	155 kgs	225 kgs	255 kgs



- High power transformer
- Welding current and time adjustment with microprocessor control unit
- Pneumatical system
- High-conductivity brass arms
- Special produced copper welding nuts
- 50 cm working depth

IMPORTANT !

• Water cooling system for spot welding machines is too important to get good welding results. You can find them at Page 19.

- DPP 10 E**
Turkish Product
- DPP 15 E**
Turkish Product
- DPP 20 E**
Turkish Product
- DPP 30 E**
Turkish Product

	DPP 10 E	DPP 15 E	DPP 20 E	DPP 30 E
Input Voltage	2 Phase, 380 V 50 Hz.	2 Phase, 380 V 50 Hz.	2 Phase, 380 V 50 Hz.	2 Phase, 380 V 50 Hz.
Required Input Fuse	C Type 2x40 A	C Type 2x40 A	C Type 2x63 A	C Type 2x63 A
Power	10 kVA	15 kVA	20 kVA	30 kVA
Current Setting	Electronic	Electronic	Electronic	Electronic
Timer	Electronic	Electronic	Electronic	Electronic
Working Depth	50 cm	50 cm	50 cm	50 cm
Welding Thickness:				
Steel	2.00 mm + 2.00 mm	2.50 mm + 2.50 mm	3.00 mm + 3.00 mm	3.50 mm + 3.50 mm
Galvanised	0.80 mm + 0.80 mm	1.00 mm + 1.00 mm	1.20 mm + 1.20 mm	1.50 mm + 1.50 mm
Diemensions (w/d/h) (cm)	47 x 120 x 115	47 x 120 x 115	51 x 120 x 117	51 x 120 x 117
Weight	140 kgs	148 kgs	225 kgs	255 kgs



- High power transformer
- Welding current and time adjustment with microprocessor control unit
- Pneumatical system
- High-conductivity brass arms
- Special produced copper welding nuts
- 35 cm working depth

IMPORTANT !

• Water cooling system for spot welding machines is too important to get good welding results. You can find them at Page 19.

- DPP 45 E**
Turkish Product
- DPP 60 E**
Turkish Product

	DPP 45 E	DPP 60 E
Input Voltage	2 Phase, 380 V 50 Hz.	2 Phase, 380 V 50 Hz.
Required Input Fuse	C Type 2x80 A	C Type 2x80 A
Power	45 kVA	60 kVA
Current Setting	Electronic	Electronic
Timer	Electronic	Electronic
Working Depth	35 cm	35 cm
Welding Thickness:		
Steel	4.00 mm + 4.00 mm	4.50 mm + 4.50 mm
Galvanised	2.00 mm + 2.00 mm	2.00 mm + 2.00 mm
Diemensions (w/d/h) (cm)	51 x 107 x 145	51 x 107 x 145
Weight	300 kgs	325 kgs



KANAL 45

Turkish Product

- Designed to weld flange on ventilating duct
- High power transformer
- Welding current and time adjustment with microprocessor control unit
- Pneumatical system
- High-conductivity copper arms
- Special produced copper welding nuts
- 125 cm working height for ventilating duct

KANAL 45	
Input Voltage	2 Phase, 380 V 50 Hz.
Required Input Fuse	C Type 2x80 A
Power	45 kVA
Current Setting	Electronic
Timer	Electronic
Working Depth	125 cm (Vertical)
Welding Thickness:	
Steel	4.00 mm + 4.00 mm
Galvanised	2.00 mm + 2.00 mm
Dimensions (w/d/h) (cm)	62 x 95 x 152
Weight	232 kgs



- Provides decreasing of water temperature to target temperature
- Its working principle is chiller. It is similar with refrigerator.
- Reduces the welding tracks on work piece and splashing satifiably

CHILLER 1/4

Turkish Product

CHILLER 1/2

Turkish Product

CHILLER 1

Turkish Product

	CHILLER 1/4	CHILLER 1/2	CHILLER 1
Input Voltage	1 Phase, 220 V 50 Hz.	1 Phase, 220 V 50 Hz.	1 Phase, 220 V 50 Hz.
Required Input Fuse	C Type 25 A	C Type 25 A	C Type 25 A
Cooling Capacity	780 kcal/h	1300 kcal/h	1800 kcal/h
Temperature Setting	Electronic	Electronic	Electronic
Target Temperature	4 °C - 30 °C	4 °C - 30 °C	4 °C - 30 °C
Water Tank	10 liter	10 liter	28 liter
Compressor	1/4 Hp	1/2 Hp	1 Hp
Cooling Gas	R 134	R 134	R 134
Dimensions (w/d/h) (cm)	40 x 70 x 50	44 x 70 x 55	54 x 80 x 65
Weight	45 kgs	53 kgs	75 kgs



Copper Nuts

DP 1 / DP 1 E

Turkish Product



Upper Gripper + Nut

DPP 45 E/DPP 60 E

Turkish Product



Copper Nuts

DP 10/15/20/30

Turkish Product



Sub Gripper + Nut

DPP 45 E/DPP 60 E

Turkish Product



Copper Nuts

DPP 45 E/DPP 60 E

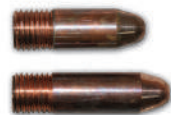
Turkish Product



Welding Electrodes

DP 10/15/20/30

Turkish Product



Copper Nuts

KANAL 45

Turkish Product

DSU 6

Turkish Product

- Provides decreasing of water temperature to ambient temperature
- 6 liters water tank
- Extra winged cooling radiator
- Water circulation with pump
- Powerful cooling fan (40 cm)



DSU 6	
Input Voltage	1 Phase, 220 V 50 Hz.
Required Input Fuse	C Type 25 A
Water Tank	6 liter
Pump	1/2 Hp
Dimensions (w/d/h) (cm)	45 x 43 x 72
Weight	37 kgs

CS 5000

Turkish Product



- Ideal for dent pulling and straightening of low thickness car body elements (hood, door, roof panel)
- Current adjustment with 5 steps
- Plastic knob for spotter gun
- High-conductivity brass spotter gun

CS 5000	
Input Voltage	1 Phase, 220 V 50 Hz.
Required Input Fuse	C Type 40 A
Power	5 kVA
Current Setting	5 Steps
Spotter Capability	0.60 mm to 0.80 mm
Standard Package:	
Mains Cable	2 m. 3x2.50 mm ²
Spotter Gun	1 piece
Power Cable	2 m. 35 mm ²
Earth Cable	2 m. 35 mm ²
Dimensions (w/d/h) (cm)	24 x 35 x 31
Weight	26 kgs

CS 10000

Turkish Product



- Dedicated for all dent pulling and straightening body shop operations (hood, roof panel, door, rocker panel, rear fender, sill, wheel house)
- Current adjustment with (2 thick and 5 thin) 10 steps
- Plastic knob for spotter gun
- Plastic knob for one sided gun
- Plastic knob for double sided gun
- High-conductivity brass for guns

CS 12000

Turkish Product

	CS 10000	CS 12000
Input Voltage	1 Phase, 220 V 50 Hz.	1 Phase, 220 V 50 Hz.
Required Input Fuse	C Type 40 A	C Type 63 A
Power	10 kVA	12 kVA
Current Setting	(2x5) 10 Steps	(2x5) 10 Steps
Spotter Capability	0.80 mm to 1.00 mm	0.80 mm to 1.20 mm
One Sided Spot Capability	0.60 mm + 0.60 mm	0.80 mm + 0.80 mm
Double Sided Spot Cap.	1.00 mm + 1.00 mm	1.00 mm + 1.00 mm
Standard Package:		
Mains Cable	2 m. 3x2.50 mm ²	2 m. 3x2.50 mm ²
Spotter Gun	1 piece	1 piece
One Sided Gun	1 piece	1 piece
Double Sided Gun	1 piece	1 piece
Power Cable	2 m. 50 mm ²	2 m. 50 mm ²
Earth Cable	2 m. 50 mm ²	2 m. 50 mm ²
Dimensions (w/d/h) (cm)	51 x 53 x 92	51 x 57 x 92
Weight	52 kgs	73 kgs

CS 9000

Turkish Product



- Dedicated for various dent pulling and straightening body shop operations (hood, roof panel, door, rocker panel)
- Current adjustment with (2 thick and 5 thin) 10 steps
- Plastic knob for spotter gun
- Plastic knob for double sided gun
- High-conductivity brass for guns

CS 9000	
Input Voltage	1 Phase, 220 V 50 Hz.
Required Input Fuse	C Type 40 A
Power	9 kVA
Current Setting	(2x5) 10 Steps
Spotter Capability	0.80 mm to 1.00 mm
Double Sided Spot Cap.	1.00 mm + 1.00 mm
Standard Package:	
Mains Cable	2 m. 3x2.50 mm ²
Spotter Gun	1 piece
Double Sided Gun	1 piece
Power Cable	2 m. 50 mm ²
Earth Cable	2 m. 50 mm ²
Dimensions (w/d/h) (cm)	51 x 53 x 92
Weight	51 kgs



Spotter Gun

Turkish Product



One Sided Gun

Turkish Product



Double Sided Gun

Turkish Product



Power Cables

Turkish Product



Trolley

Turkish Product



Switch with Cable

Turkish Product



Stub

Turkish Product



Gripper + Stub

Turkish Product



DCP-3
Turkish Product

DCP-3	
Input Voltage	1 Phase, 220 V 50 Hz.
Required Input Fuse	C Type 16 A
Power	3 kVA
Current Setting	5 Steps
Maximum Pipe Diameter	15 mm (Wall Thickness: 1 mm)
Dimensions (w/d/h) (cm)	17 x 25 x 23
Weight	13 kgs



Tong
Turkish Product



Cable + Tong
Turkish Product



Carbon Rod
Turkish Product



DM	Monophase Empty Cable Reel	Turkish Product
DM 25 S2	25 m. 3x1,50 mm ² Cable Reel (Copper)	Turkish Product
DM 35 S2	35 m. 3x1,50 mm ² Cable Reel (Copper)	Turkish Product
DM 50 S2	50 m. 3x1,50 mm ² Cable Reel (Copper)	Turkish Product
DM 25 S3	25 m. 3x2,50 mm ² Cable Reel (Copper)	Turkish Product
DM 35 S3	35 m. 3x2,50 mm ² Cable Reel (Copper)	Turkish Product
DM 50 S3	50 m. 3x2,50 mm ² Cable Reel (Copper)	Turkish Product



DT	Triphase Empty Cable Reel	Turkish Product
DT 25 S1	25 m. 4x1,50 mm ² Cable Reel (Copper)	Turkish Product
DT 35 S1	35 m. 4x1,50 mm ² Cable Reel (Copper)	Turkish Product
DT 50 S1	50 m. 4x1,50 mm ² Cable Reel (Copper)	Turkish Product
DT 25 S2	25 m. 4x2,50 mm ² Cable Reel (Copper)	Turkish Product
DT 30 S2	30 m. 4x2,50 mm ² Cable Reel (Copper)	Turkish Product
DT 35 S2	35 m. 4x2,50 mm ² Cable Reel (Copper)	Turkish Product



DPB-1
Turkish Product

DPB-1	
Input Voltage	1 Phase, 220 V 50 Hz.
Required Input Fuse	C Type 16 A
Heater Power	1400 W
Switch	2 Steps
Distock Diameters	20 - 25 - 32 - 40
Dimensions (w/d/h) (cm)	4 x 27 x 11
Weight	5.5 kgs



Ø20 Distock
Turkish Product

Ø25 Distock
Turkish Product

Ø32 Distock
Turkish Product

Ø40 Distock
Turkish Product



- Microprocessor controlled battery charging system
- Digital voltage and current display
- Current steps as min and max
- Closing the output when battery is fully charged
- Recharging if the battery goes down

BC 1215 E
Turkish Product

BC 1230 E
Turkish Product

BC 2415 E
Turkish Product

BC 2430 E
Turkish Product

	BC 1215 E	BC 2415 E	BC 1230 E	BC 2430 E
Input Voltage	1 Phase, 220 V 50 Hz.	1 Phase, 220 V 50 Hz.	1 Phase, 220 V 50 Hz.	1 Phase, 220 V 50 Hz.
Required Input Fuse	C Type 16 A	C Type 16 A	C Type 16 A	C Type 16 A
Battery Voltage	12 V	24 V	12 V	24 V
Maximum Charge Current	15 A	15 A	30 A	30 A
Current Steps	min - max	min - max	min - max	min - max
Battery Type	Lead Acid	Lead Acid	Lead Acid	Lead Acid
Battery Capacity	up to 105 Ah	up to 105 Ah	up to 200 Ah	up to 200 Ah
Dimensions (w/d/h) (cm)	18 x 25 x 15	18 x 25 x 15	23 x 27 x 33	23 x 27 x 33
Weight	8 kgs	8.5 kgs	13 kgs	18.6 kgs

BC 1208

Turkish Product



BC 1215

Turkish Product



BC 2415

Turkish Product



BC 4815

Turkish Product

BC 9015

Turkish Product

	BC 1208	BC 1215	BC 2415	BC 4815	BC 9015
Input Voltage	1 Phase, 220 V 50 Hz.	1 Phase, 220 V 50 Hz.	1 Phase, 220 V 50 Hz.	1 Phase, 220 V 50 Hz.	1 Phase, 220 V 50 Hz.
Required Input Fuse	C Type 10 A	C Type 16 A	C Type 16 A	C Type 16 A	C Type 16 A
Charge Voltage Steps	12 V	12 V	6 V - 12 V - 24 V	6 V - 12 V - 24 V 36 V - 48 V	12 V - 24 V - 36 V - 48 V 60 V - 72 V - 84 V
Maximum Charge Current	8 A	15 A	15 A	15 A	15 A
Current Steps	-	3 Steps	3 Steps	5 Steps	7 Steps
Battery Type	Lead Acid	Lead Acid	Lead Acid	Lead Acid	Lead Acid
Battery Capacity	up to 72 Ah	up to 105 Ah	up to 105 Ah	up to 105 Ah	up to 105 Ah
Dimensions (w/d/h) (cm)	21 x 18 x 17	25 x 23 x 22	36 x 29 x 24	36 x 29 x 24	36 x 29 x 24
Weight	4.5 kgs	8.2 kgs	12 kgs	17.7 kgs	21.4 kgs

BC 1225

Turkish Product



BC 2425

Turkish Product



BC 4825

Turkish Product

BC 9025

Turkish Product

	BC 1225	BC 2425	BC 4825	BC 9025
Input Voltage	1 Phase, 220 V 50 Hz.	1 Phase, 220 V 50 Hz.	1 Phase, 220 V 50 Hz.	1 Phase, 220 V 50 Hz.
Required Input Fuse	C Type 16 A	C Type 16 A	C Type 16 A	C Type 16 A
Charge Voltage Steps	12 V	6 V - 12 V - 24 V	6 V - 12 V - 24 V 36 V - 48 V	12 V - 24 V - 36 V - 48 V 60 V - 72 V - 84 V
Maximum Charge Current	25 A	25 A	25 A	25 A
Current Steps	3 Steps	3 Steps	5 Steps	7 Steps
Battery Type	Lead Acid	Lead Acid	Lead Acid	Lead Acid
Battery Capacity	up to 180 Ah	up to 180 Ah	up to 180 Ah	up to 180 Ah
Dimensions (w/d/h) (cm)	38 x 29 x 26	39 x 40 x 40	39 x 40 x 40	39 x 40 x 40
Weight	13 kgs	17.6 kgs	23.8 kgs	28.1 kgs

BC 1240

Turkish Product



BC 2440

Turkish Product



BC 4840

Turkish Product

BC 9040

Turkish Product

	BC 1240	BC 2440	BC 4840	BC 9040
Input Voltage	1 Phase, 220 V 50 Hz.	1 Phase, 220 V 50 Hz.	1 Phase, 220 V 50 Hz.	1 Phase, 220 V 50 Hz.
Required Input Fuse	C Type 16 A	C Type 16 A	C Type 16 A	C Type 16 A
Charge Voltage Steps	12 V	6 V - 12 V - 24 V	6 V - 12 V - 24 V 36 V - 48 V	12 V - 24 V - 36 V - 48 V 60 V - 72 V - 84 V
Maximum Charge Current	40 A	40 A	40 A	40 A
Current Steps	3 Steps	3 Steps	5 Steps	7 Steps
Battery Type	Lead Acid	Lead Acid	Lead Acid	Lead Acid
Battery Capacity	up to 250 Ah	up to 250 Ah	up to 250 Ah	up to 250 Ah
Dimensions (w/d/h) (cm)	38 x 29 x 26	39 x 40 x 40	39 x 40 x 40	39 x 40 x 40
Weight	18 kgs	24 kgs	28.5 kgs	36.5 kgs

BC 1260

Turkish Product



BC 2460

Turkish Product



BC 4860

Turkish Product

BC 9060

Turkish Product

	BC 1260	BC 2460	BC 4860	BC 9060
Input Voltage	1 Phase, 220 V 50 Hz.	1 Phase, 220 V 50 Hz.	1 Phase, 220 V 50 Hz.	1 Phase, 220 V 50 Hz.
Required Input Fuse	C Type 16 A	C Type 16 A	C Type 16 A	C Type 16 A
Charge Voltage Steps	12 V	6 V - 12 V - 24 V	6 V - 12 V - 24 V 36 V - 48 V	12 V - 24 V - 36 V - 48 V 60 V - 72 V - 84 V
Maximum Charge Current	60 A	60 A	60 A	60 A
Current Steps	3 Steps	3 Steps	5 Steps	7 Steps
Battery Type	Lead Acid	Lead Acid	Lead Acid	Lead Acid
Battery Capacity	up to 350 Ah	up to 350 Ah	up to 350 Ah	up to 350 Ah
Dimensions (w/d/h) (cm)	39 x 29 x 26	39 x 40 x 40	39 x 40 x 40	39 x 40 x 40
Weight	22 kgs	29.4 kg	37 kgs	47 kgs

- Input : 1 Phase + Neutral ; Output : 1 Phase + Neutral
- Safe usage with all electrical devices
- Full-automatic relay type working principle
- Microprocessor control system
- 90 V/s regulation speed
- True RMS voltage measurement
- Digital display for input and output voltages

- Wide power and voltage range
- Drives linear and non-linear loads
- High endurance against electrical noise
- High sensitivity at output voltage
- Load transfer via By-Pass pole switch
- Protection against low and over voltage (standard)
- Silent running



- Input : 1 Phase + Neutral ; Output : 1 Phase + Neutral
- Safe usage with all electrical devices
- Full-automatic servo working principle
- Microprocessor control system
- 90 V/s regulation speed
- True RMS voltage measurement
- Digital display for input and output voltages

- Wide power and voltage range
- Drives linear and non-linear loads
- High endurance against electrical noise
- High sensitivity at output voltage
- Load transfer via By-Pass pole switch
- Protection against low and over voltage (optional)
- Silent running



MODEL	MRR 0,5	MRR 1	MRR 2	MRR 3,5	MRR 5	MRR 7,5	MRR 10	MRR 15
Nominal Power	500 VA	1 kVA	2 kVA	3,5 kVA	5 kVA	7,5 kVA	10 kVA	15 kVA
Power Factor	0.8							
Working Principle	Microprocessor Controlled, Full Automatic Relay Type							
By-Pass	Optional							
INPUT								
Input Voltage Range	160 V - 250 V / 130 V - 250 V (AC) (1 Ph+N)							
Input Frequency	45 - 65 Hz.							
Connection Type	Terminal Block							
Input Protection	Output High/Low Voltage, Ground-N Protection							
OUTPUT								
Regulated Output Voltage	220 V / 230 V (AC) (1 Ph+N)							
Maximum Output Current	2 A	3,5 A	7 A	12 A	18 A	27 A	37 A	55 A
Output Frequency	Same as Input Frequency							
Efficiency	up to 98%							
Display	Input and Output Voltage Digital Display							
Output Protection	Output Overload, Output Short Circuit							
ENVIROMENTAL								
Operation Temperature	- 10 C° - 50 C°							
Relative Humidity	<%0 - %95 (non-condensing)							
Protection Class	IP 20							
Noise	≤ 50 dB							
Dimensions (w/d/h) (cm)							27 kgs	
Weight								

MODEL	MSR 1	MSR 2	MSR 3,5	MSR 5	MSR 7,5	MSR 10	MSR 15	MSR 20	MSR 25	MSR 30	MSR 40	MSR 50
Nominal Power	1 kVA	2 kVA	3,5 kVA	5 kVA	7,5 kVA	10 kVA	15 kVA	20 kVA	25 kVA	30 kVA	40 kVA	50 kVA
Power Factor	0.8											
Working Principle	Microprocessor Controlled, Full Automatic Servo											
By-Pass	Main - Regulator Voltage Selected CAM Switch											
INPUT												
Input Voltage Range	160 V - 250 V / 120 V - 230 V (AC) (1 Ph+N)											
Input Frequency	45 - 65 Hz.											
Connection Type	Terminal Block											
Input Protection	Output High/Low Voltage, Ground-N Protection (optional)											
OUTPUT												
Regulated Output Voltage	220 V / 230 V (AC) (1 Ph+N)											
Maximum Output Current	3.5 A	7 A	12 A	18 A	27 A	37 A	55 A	72 A	90 A	109 A	145 A	180 A
Output Frequency	Same as Input Frequency											
Efficiency	up to 98%											
Display	Input and Output Voltage Digital Display											
Output Protection	Output Overload, Output Short Circuit (optional)											
ENVIROMENTAL												
Operation Temperature	- 10 C° - 50 C°											
Relative Humidity	<%0 - %95 (non-condensing)											
Protection Class	IP 20											
Noise	≤ 50 dB											
Dimensions (w/d/h) (cm)	34x38x26	27x43x29	45x40x28	51x44x29	57x45x32							45x55x84
Weight												

- Input : 3 Phase + Neutral ; Output : 3 Phase + Neutral
- Safe usage with all electrical devices
- Full-automatic working principle
- Microprocessor control system
- 90 V/s regulation speed
- True RMS voltage measurement
- Digital display for input and output voltages

- Wide power and voltage range
- Drives linear and non-linear loads
- High endurance against electrical noise
- High sensitivity at output voltage
- Load transfer via By-Pass pole switch for each phases
- Protection against low and over voltage (optional)
- Silent running

- Input : 3 Phase + Neutral ; Output : 3 Phase + Neutral
- Safe usage with all electrical devices
- Full-automatic working principle
- Microprocessor control system
- 90 V/s regulation speed
- True RMS voltage measurement
- Digital display for input and output voltages

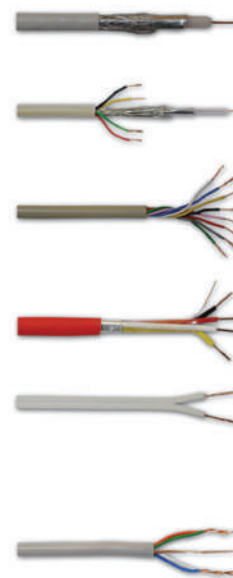
- Wide power and voltage range
- Drives linear and non-linear loads
- High endurance against electrical noise
- High sensitivity at output voltage
- Load transfer via By-Pass pole switch for each phases
- Protection against low and over voltage (optional)
- Silent running



MODEL	TSR 10,5	TSR 15	TSR 22,5	TSR 30	TSR 45	TSR 60	TSR 75	TSR 100	TSR 120	TSR 150	
Nominal Power	3x3,5 kVA	3x5 kVA	3x7,5 kVA	3x10 kVA	3x15 kVA	3x20 kVA	3x25 kVA	3x33 kVA	3x40 kVA	3x50 kVA	
Power Factor	0.8										
Working Principle	Microprocessor Controlled, Full Automatic Servo										
By-Pass	Main - Regulator Voltage Selected CAM Switch										
INPUT											
Input Voltage Range	275 V - 450 V / 205 V - 400 V (AC) (3 Ph+N)										
Input Frequency	45 - 65 Hz.										
Connection Type	Terminal Block										
Input Protection	Output High/Low Voltage, Ground-N Protection (optional)										
OUTPUT											
Regulated Output Voltage	380 V (AC) (1 Ph+N)										
Maximum Output Current	3x12 A	3x18 A	3x27 A	3x37 A	3x55 A	3x72 A	3x90 A	3x109 A	3x145 A	3x180 A	
Output Frequency	Same as Input Frequency										
Efficiency	up to 98%										
Display	Input and Output Voltage Digital Display										
Output Protection	Output Overload, Output Short Circuit (optional)										
ENVIROMENTAL											
Operation Temperature	- 10 C° - 50 C°										
Relative Humidity	<%0 - %95 (non-condensing)										
Protection Class	IP 20										
Noise	≤ 50 dB										
Dimensions (w/d/h) (cm)	50 x 45 x 92			60 x 50 x 117			70 x 55 x 138			85 x 60 x 148	
Weight											

MODEL	TSR 200	TSR 250	TSR 300	TSR 400	TSR 500	TSR 600	TSR 800	TSR 1000	TSR 1250	TSR 1500
Nominal Power	3x66 kVA	3x83 kVA	3x100 kVA	3x133 kVA	3x166 kVA	3x200 kVA	3x266 kVA	3x333 kVA	3x416 kVA	3x500 kVA
Power Factor	0.8									
Working Principle	Microprocessor Controlled, Full Automatic Servo									
By-Pass	Main - Regulator Voltage Selected CAM Switch									
INPUT										
Input Voltage Range	275 V - 450 V / 205 V - 400 V (AC) (3 Ph+N)									
Input Frequency	45 - 65 Hz.									
Connection Type	Bus Bar									
Input Protection	Output High/Low Voltage, Ground-N Protection (optional)									
OUTPUT										
Regulated Output Voltage	380 V (AC) (1 Ph+N)									
Maximum Output Current	3x245 A	3x300 A	3x365 A	3x485 A	3x600 A	3x735 A	3x970 A	3x1200 A	3x1500 A	3x1800 A
Output Frequency	Same as Input Frequency									
Efficiency	up to 98%									
Display	Input and Output Voltage Digital Display									
Output Protection	Output Overload, Output Short Circuit (optional)									
ENVIROMENTAL										
Operation Temperature	- 10 C° - 50 C°									
Relative Humidity	<%0 - %95 (non-condensing)									
Protection Class	IP 20									
Noise	≤ 50 dB									
Dimensions (w/d/h) (cm)										
Weight										

- Used on energy transformation
- Available for isolated or auto type
- 100% copper wire winding
- Step-up or step-down voltage transformation
- Delta or Star connection for input and output
- High power density
- Steel cases (optional)



RG 6/U-4	Center: Cu 1,00 mm Screen: Al-Pet Coaxial Cable
RG 6/U-6	Center: Cu 1,00 mm Screen: Cu-Pet Coaxial Cable
CCTV 2+1	2 + 1 Camera Cable
CCTV 4+1	4 + 1 Camera Cable
DT 8	Diaphone Cable
J-Y(st)Y...Lg	2 + 1 Fire Resistant Cable
J-Y(st)Y...Lg	4 + 1 Fire Resistant Cable
H03VH-H	2 x 0,75 mm ² PVC Isolated Cable
VBV	1 x 2 x 0,50 + 0,50 mm Telecommunication Cable
VBV	2 x 2 x 0,50 + 0,50 mm Telecommunication Cable
VBV	3 x 2 x 0,50 + 0,50 mm Telecommunication Cable
VBV	4 x 2 x 0,50 + 0,50 mm Telecommunication Cable
VBV	5 x 2 x 0,50 + 0,50 mm Telecommunication Cable
VBV	6 x 2 x 0,50 + 0,50 mm Telecommunication Cable
VBV	10 x 2 x 0,50 + 0,50 mm Telecommunication Cable

- Used on energy transformation
- Available for auto type
- 100% copper wire winding
- Step-up or step-down voltage transformation
- High power density
- Power from 2.5 kVA to 15 kVA in monophase
- Steel cases (optional)



- These cables are used as a connection to welding robots in automotive industry, shipyards etc. robust cable structure of these cable makes them resistant to low and high temperatures ozone and radiation, oil, acids, fats and petrols. These cables are also ideal for outside installation in dry, moist and wet areas.



H01N2-D	
Conductor	Annealed Stranded Copper
Outer Sheath	Rubber Compound
Conductor Operating T.	Max. 85 C
Min. Bending Radius	HD 516 Table 7c
Operating Voltage	100 V

Cross Section	Permanent Operation		
	100%	One Period Operation 60%	One Period Operation 35%
10 mm ²	100 A	105 A	110 A
16 mm ²	135 A	140 A	150 A
25 mm ²	180 A	190 A	215 A
35 mm ²	225 A	245 A	280 A
50 mm ²	285 A	315 A	370 A
70 mm ²	355 A	405 A	480 A
95 mm ²	430 A	490 A	600 A
120 mm ²	500 A	650 A	850 A