ID 500 MW PULSE SMART

Properties

- Operates with 3 Phase 400V-50/60 Hz mains voltage and generators, tolerates voltage fluctuations up to 15%.
- Due to inverter technology, energy efficiency is higher than the conventional machines.
- Excellent welding characteristics with all types of solid and flux cored wires with CO2 or Mix gases.
- Multi process welding; MIG/MAG, Stick Electrode, Carbon Gauging and TIG welding.
- No Spatter welding due to advanced electronically optimized inductance and pulsing functions. Excellent welding characteristics for all methods.
- 3 Operating Modes; "Synergic, Classic, Smart" . Conventional. With these options a welder can adapt from basic to synergic welding easily.
- LED Design for easy parameter selection; Wire type, wire diameter, gas type and thickness of the base metal for Synergic Welding and Soft Start, Pre-Gas, Post-Gas, Burn-Back, Crater Filling timer settings as GENERAL SETTINGS.
- 3 Different JOB and 2/4 Trigger mode selection from TORCH.
- Industry 4.0 features such as; OEE, Arc-On Time reporting, WP setting/controlling/reporting, Barcode and RF Card reading. (Optional)
- Separate Wire Feeder models are available.
- 4 Wheel Drive system, offers very powerful feedability for longer torches and offers less deformation on soft wires such as aluminum and flux cored wires.
- ROBOT connectivity due to very stable arc and advanced communication possibilities.
- The Separate wire feeder standard harness length is 5 m and can be extended up to 30 m upon request.
- Manual wire feeding & gas valve buttons are inside of the wire feeding cabinet.
- ø300 mm, ø270 mm and ø200 mm diameter spools and drums of any size can be used.
- 24V AC outlet for CO2 gas heater.
- Stable welding current without loss of performance due to electric line fluctuations or with long welding and

electrical cables.

- Built in gas cylinder platform with large wheels to ease mobility in workshops. Multipurpose drawer replaces water cooling unit if it is not needed.
- Intelligent control of temperature reduces energy consumption and extends the fan and machine life. (SmartFan)
- For water-cooled (W) models, provides powerful water cooling up to 50 m distance & 40°C ambient temperature.
- Submerged arc welding head can be coupled easily. (Option)
- Standard accessories come with the machine.

Technical Specifications

GUC KAYNAGI		
Mains Voltage (3Ph)	400	V
Input Power	32.7 (%40)	kVA
Welding Current Range	50 - 500	A
Nominal Welding Current	500 (%40)	A
Open Circuit Voltage	82	V
Dimensions (l x w x h)	1078 x 531 x 1348	mm
Weight (Net)	113.7	KG
WIRE DRIVE UNIT		
Welding Wire Diameter	0.80 - 1.60	mm
Wire Feeding Speed	1 - 24	m/dk
Torch Trigger Control	2 / 4	
Dimensions (l x w x h)	620 x 264 x 460	mm
Weight (Net)	23.7	KG
WATER COOLING UNIT		
Cooling Power	13205	BTU
Dimensions (l x w x h)	714 x 310 x 300	mm
Weight (Net)	24	KG

Standard Accessories

Accessories Picture	CODE	pcs	
	7907000002	GAZ HORTUMU	STANDARD

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Accessories Picture	CODE	pcs	
	7020001004	Argon Regulator	Optional
	7020009003	CO2 Heater	Optional
	7120050003	LAVA MIG 50W-3	Optional