



# SMARTMIG



## STEP ADJUSTMENT SEMIAUTOMATIC COMPACT WELDING EQUIPMENT

Semi-automatic welding machines with undergear and built-in professional wire feeder, suitable to be used with CO<sub>2</sub> gas and mixture. SMARTMIG's are recommended for light fabrication work, car body repairs, agriculture and maintenance. Robust, easy to use and with innovative design, SMARTMIG M's (single phase) and SMARTMIG T's (three phase) provide excellent welding performance also with aluminium and stainless steel wires.



- ▶ Excellent welding performance on any metal and thin lamination sheets
- ▶ QBS feeding motor Quick Brake System for constant and repeated arc striking
- ▶ Burn Back and motor ramp are integrated on M 20 and externally adjustable on T 25
- ▶ Control panel protected against accidental hits
- ▶ Sloping front panel easy to read and adjust, highly visible from any direction
- ▶ Standard supplied with cylinder carriage and robust wheels for an easy manoeuvrability
- ▶ Quick connection for the ground cable T 25
- ▶ Large inner lodging to easily accommodate also metallic coils (up to 300 Ø mm)
- ▶ Professional double hook spool support and adjustable brake spindle to provide steady and trouble free wire feeding
- ▶ Professional feeding system to ensure a precise and constant wire feeding



### CONTROL PANELS

1. Mains and voltage adjustment switch (M 20).
2. Voltage adjustment switch (T 25).
3. Mains switch (T 25).
4. Electronic wire speed adjustment.
5. Spot timer on all models.
6. EURO central connection for the torch.
7. Thermostatic protection pilot light.
8. External burn back adjustment (T 25).
9. External motor ramp adjustment for a precise arc striking (T 25)

TECHNICAL DATA		SMARTMIG	
		M 20	T 25
Single phase input 50/60 Hz	V	230	---
Three phase input 50/60 Hz	V	---	230/400
Input Power @ I <sub>2</sub> Max	kVA	11,5	9,7
Delayed Fuse (I <sub>2</sub> @ 60%)	A	25	16/10
Power Factor / cos φ		0,63	0,75
Efficiency Degree		0,66	0,76
Open circuit voltage	V	19,5 - 40	17 - 38
Adjustment positions	N°	6	10
Current range	A	30 - 180	25 - 250
Duty cycle at (40°C)	A 100%	70	120
	A 60%	95	160
	A 35%	125	210
	A X%	180 (15%)	250 (25%)
Wires	Ø mm	0,6 - 1,0	0,6 - 1,2
Standards		EN 60974 - 1 • EN 60974 - 5 • EN 60974 - 10	
Protection Class	IP	<b>S</b>	
Dimensions	↗ mm	830	830
	→ mm	400	400
	↑ mm	615	615
Weight	kg	42	53



M20



T25

Other voltages available on request

These power sources are built for industrial environment use. EMC (CISPR 11): class A