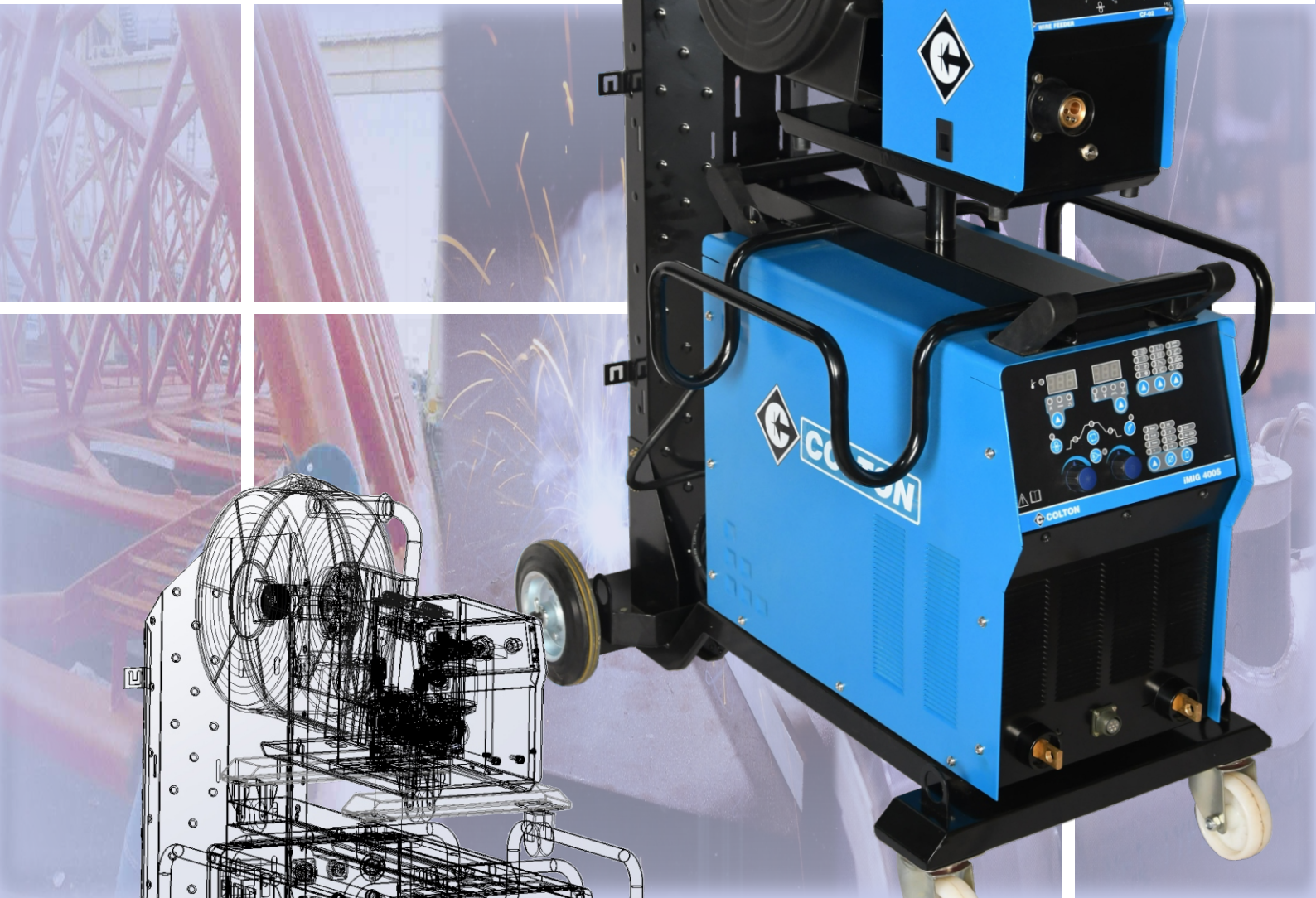




COLTON
MASTERING THE ARC

MULTI FUNCTION SYNERGIC MIG/MAG



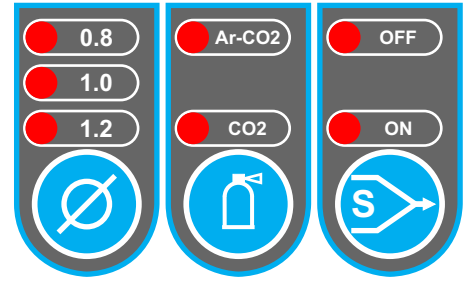
eMIG

Special Features

Synergic MIG/MAG welding :

Welding voltage automatically adjusts to the welding current based on the preset selections of material, wire diameter and gas.

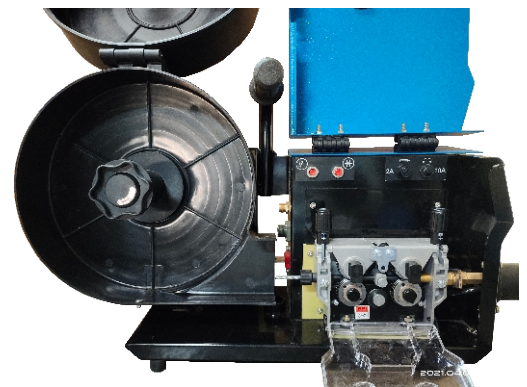
Electronic control of parameters ensures uniform penetration and better weld bead profile.



WIRE FEEDER :Light weight, easy to operate and move.

heavy duty 4-roll geared drive with easy replacement of rollers without tools.

interchangeable with V, U & knurled rollers



CYLINDER TROLLEY : The power source, water cooling unit & cylinder are mounted on to a trolley for easy movement & less floor space

The trolley is designed with low base for easy mounting of cylinder

Special Features:-

- Full Digital architecture with high level of integration & low failure rate.
- Advanced soft switch inverter for reliability & long life.
- Optimised Synergic welding characteristics for different materials, gas & wire diameters ensuring welder ease & low spatter.
- Modified wave control feature offers better welding results. stable arc at low currents, less spatter at high currents & perfect arc start/stops.
- Simplified and user friendly front panel.
- Multi Function inverter:
MMAW
NORMAL/SYNERGIC GMAW

SPECIFICATIONS		eMIG 270	eMIG 400	eMIG 500
Input Supply	V/Ph	415 / 3	415 / 3	415 / 3
Frequency	Hz	50/60	50/60	50/60
Input Power	KVA	10.2	18.3	24
Input Current	A	12	24	36
Open Circuit Voltage	V	72	72	80
Welding Voltage Range	V	15 - 30	15 - 40	15 - 50
Welding Current Range	A	40 - 270	40 - 400	40 - 500
Duty Cycle	%	60	60	100
Trigger Modes		2T / 4T / SPOT	2T / 4T / SPOT	2T / 4T / SPOT
Wire Sizes	mm	0.8, 1.0, 1.2	0.8, 1.0, 1.2, 1.6	0.8, 1.0, 1.2, 1.6
Cooling		Air Cooled	Air Cooled	Air Cooled
Protection Class	IP	IP21S	IP23	IP23
Insulation Class		H	H	H
Dimensions	mm	520 x 250 x 360	640 x 310 x 590	640 x 310 x 590
Weight	Kg.	22	40	44

WIRE FEEDER		2 / 4 ROLL GEAR DRIVE
Wire Dia.	mm	0.8, 1.0, 1.2, 1.6
Wire Feed Speed	m/min	1.5 - 20
Weight	Kg.	10

In view of continuous development, design and specifications are subject to change without notice.



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