

www.ceaweld.com



CEA

MIG/MAG

made in italy
SINCE 1950





MOBILE / MOBILE PULSE

THE CUTTING EDGE OF MULTIPROCESS PORTABLE ALL-ROUNDER

MIG-MAG INVERTER PORTABLE EQUIPMENT

Powerful welding equipment in the size of just one wire feeder unit: this is the main peculiarity of the MOBILE / MOBILE PULSE series.

MOBILE / MOBILE PULSE equipment thanks to their high technological conception and high welding performance, are ideal for on-site work, maintenance job, car body repair and light fabrication work.

MOBILE



MOBILE PULSE



X Vision LCD panel interface

Versatile, easy-to-carry and user friendly, MOBILE PULSE equipment are standard equipped with the X VISION interface for the total control of all welding parameters.



Multi-process and synergic control

These innovative synergic and multi-process generators are ideal for MIG/MAG, MMA, and TIG welding with "Lift" mode. MOBILE PULSE, thanks to the Pulse and Dual Pulse processes, guarantees high-quality performance on all materials, particularly stainless steel, galvanized steel, and aluminum. This minimizes any rework caused by welding spatter.

Single phase version with PFC

MOBILE 201 / MOBILE 206 PULSE, with single phase input power, have PFC facility which optimizes the amount of energy consumption by allowing their use, at maximum power, on 16 A fuse mains and with power generator sets without any problems.

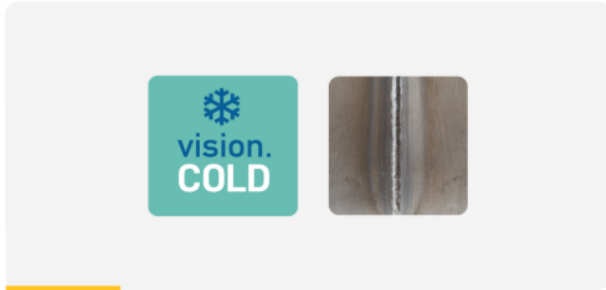




Other characteristics

- vision.COLD and vision.ULTRASPEED included
- Digital control with synergic curves preset according to used type of material, gas and wire
- User friendly and easy-to-use selection and recalling of the parameters and welding programs
- Built-in polarity changeover feature for most common gas and gasless wires
- Lodging for wire spool up to Ø 300 mm
- Professional single feeding mechanism with 4 rolls of Ø 37 mm
- "Energy saving" function to operate the power source cooling fan only when necessary
- Initial and final crater control
- Possibility to use Up/Down torches and Digitorch with display
- Ability to partially or totally lock the equipment with access key by Password
- LED LIGHT in the feeder compartment

TECHNICAL FEATURES



VISION.COLD

vision.COLD is an innovative low heat transfer MIG/MAG process, developed by CEA for welding thin thickness lamination sheets and for MIG brazing in all welding positions.

ADVANTAGES

Welding of high carbon and highly alloyed steel thin sheets – Very contained damage to zinc in Mig Brazing – Significant reduction of heat input with minimal deformation – Lack of spatters and projections – Vertical down welding

APPLICATIONS

Welding of thin thickness laminations with low heat transfer – Open gap joints in all positions – MIG brazing with low heat transfer

VISION.ULTRASPEED

HIGH SPEED MIG/MAG WELDING

vision.ULTRASPEED is an innovative MIG/MAG process developed by CEA for welding steel and non ferrous materials which, thanks to the arc increased magnetic strength and a narrower arc cone, allows a remarkable increase in welding speed.

This process grants an inferior overheating of the base material with less shrinkage tension and consequently less workpiece reworking and finishing job.

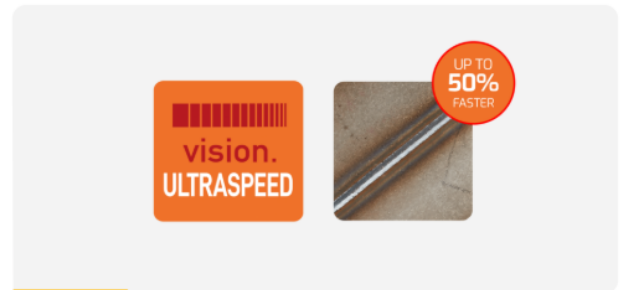
vision.ULTRASPEED allows to replace short-arc and mixed-arc MIG/MAG with a remarkable increase in the welding job completion.

ADVANTAGES

- Very high welding speed
- Welding of medium thickness carbon steel, stainless and aluminium
- Narrower welding beads with less filler material and shielding gas
- Reduction of heat input in the welding puddle
- Lack of spatters and projections in wire deposition

APPLICATIONS

Light and medium fabrication work – Manufacture of mild and stainless steel and aluminium – Automotive industry – Petrochemical industry – Food industry – Railway wagon manufacturing – Small medium size tank and container construction



VISION.PULSE

vision.PULSE allows a constantly controlled short arc pulse welding, by optimizing the results of traditional pulse welding. This enables to reduce the high heat input, typical in pulse welding, with a consequent reduction in distortions, an improvement off the puddle and considerable increase in welding speed too.

Available accessories

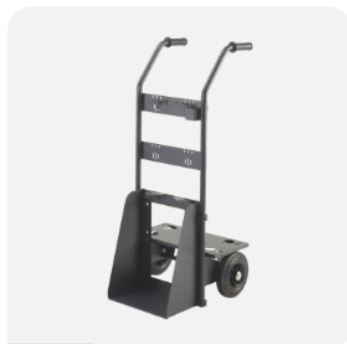
DISCOVER ALL AVAILABLE ACCESSORIES



HRX 52
032130



CEA CL-1100
402275A



TROLLEY VT 101
234929



**ADAPTOR SUPPORT
PLATE FOR MOBILE WITH
VT 101**
031177



TROLLEY CT 401
234931



**ADAPTOR SUPPORT
PLATE FOR MOBILE WITH
CT 401**
449466



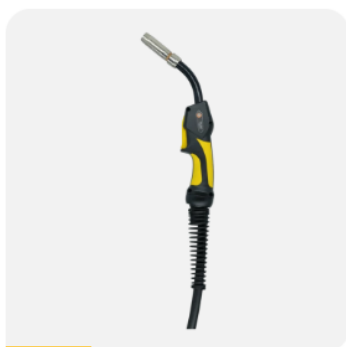
**ADAPTOR SUPPORT
PLATE HRX 52 FOR CT
401**
031168



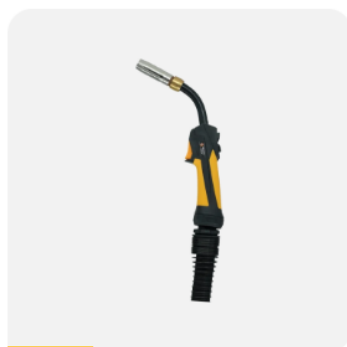
**ACCESSORY BOX KIT FOR
MOBILE**
344013



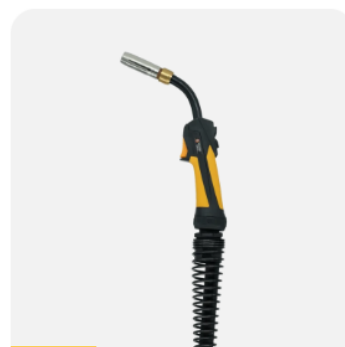
**WK 2 EXTRA-LARGE
WHEEL KIT**
031007



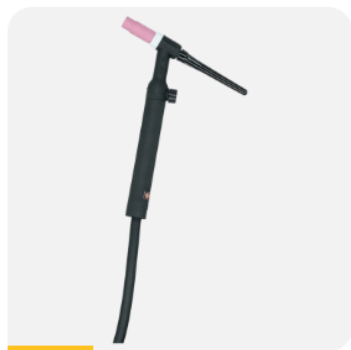
CEA TORCH CX 251/3
020458



**CEA TORCH CXH 302/4
UP/DOWN-6P**
021001

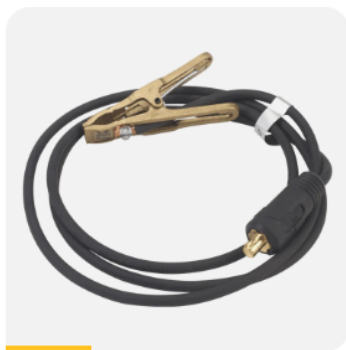


**CEA TORCH CX 353/4
UP/DOWN-6P**
021002



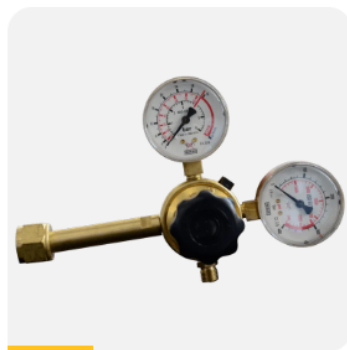
CEA TORCH RTX 26.4

020568



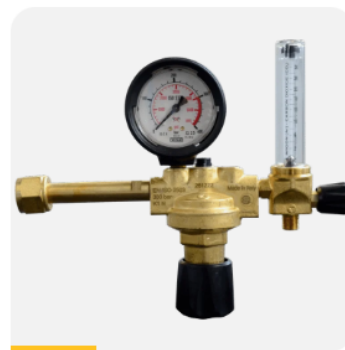
**35 MM² / 4 M GROUND
CABLE WITH CLAMP**

239601



**REDUCER WITH 2
MANOMETERS**

020855



**REDUCER WITH
FLOWMETER AND 1
MANOMETER**

020916

Datasheet

MOBILE / MOBILE PULSE: TECHNICAL FEATURES

TECHNICAL DATA			MOBILE 201 / MOBILE 206 PULSE			MOBILE 301 / MOBILE 306 PULSE		
			MIG/MAG	TIG	MMA	MIG/MAG	TIG	MMA
Single phase input 50/60 Hz	V	+15% -15%	230			-		
Three phase input 50/60 Hz	V	+15% -15%	-			400		
Input Power @ I ₂ Max	kVA		6	4,6	7,1	13,3/11,9 PULSE	11,6	11,9
Delayed Fuse (I eff)	A		16	16	16	16	16	16
Power Factor / cos φ			0,98/0,99	0,98/0,99	0,98/0,99	0,75/0,99 0,73/0,99 PULSE	0,69/0,99	0,75/0,99
Efficiency Degree			0,84			0,86		
Open circuit voltage	V		45	45	45	60	60	60
Current range	A		10-200	5-200	10-200	10-300 10-270 PULSE	5-300	10-250
Duty cycle at (40°C)	A 100%		105	105	105	180	180	180
	A 60%		140	140	140	200	200	200
	A X%		200(25%)	200(25%)	200(25%)	300 (30%) 270(35%) PULSE	300(30%)	250(35%)
Wires	Ø mm		0,6-1,2	-	-	0,6-1,2	-	-
Coil	Ø mm		300	-	-	300	-	-
Standards			EN 60974-1 • EN 60974-5 • EN 60974-10					
								
Protection Class	IP		23S			23S		
Dimensions (LxWxH)	mm		640 x 325 x 400			640 x 325 x 400		
Weight	kg		19,5			20		



WELDING TOGETHER

www.ceaweld.com

