

IMPACT MULTIFUNCTION WELDING SYSTEM



SYNSTAR 330 TC, art 386

Compact device including transport trolley, earth cable 50 sqmm/3.5 m with clamp, 4-roller wire feed, roller Ø 30mm for 0.6/0.8 & 1.0/1.2 mm for steel wire!!! 15-330 amps, duty cycle 60% at 300 amps.

(without hose package & pressure regulator)

APPLY NOW FOR UP TO 24 MONTHS WARRANTY!

Simply register at

<https://welding.cebora.it/de/assistance/register-your-product>
within 15 days of purchase.

CEBORA serial no.:

Article Number: **14704**

EAN Code: **9004853147043**

TECHNICAL FACTS

PRODUCT HIGHLIGHTS

SYNSTAR 330 TC & 330 TS SYNERGIC

The new SYNSTAR 330 TC and TS are three-phase multi-process power sources with inverter technology for MIG, TIG and MMA welding including 4-roll wire feeder from Cebora (Ø 30mm). The SYNSTAR models offer functions including dual value circuit (MIG Short process) and pulse and double pulse operation, as well as more than 70 welding programs for wire diameters 0.8/0.9/1.0/1.2mm. Synergetic programs for pulse welding of stainless steel are also provided, which are optimized for thin metal sheets. The TC model is available as a compact unit and the TS version as a 2-part unit.

Two different types of hose package can be used with this power source:

- The air-cooled orig. BINZEL hose package MB EVO 36
- The water-cooled orig. BINZEL hose package MB EVO 501

LCD TOUCH display

The LCD TOUCH display allows fast and intuitive selection of process, wire type, gas type, current, thickness, voltage and wire feed speed. The power source offers numerous functions that can be set on the TOUCH display, such as: arc

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length, short arc or pulse welding, 2-stroke or 4-stroke operation, spot welding time, pause time, throttle effect, push-pull force, burnback, soft start, gas pre-flow and gas post-flow. If required, it is also possible to equip it with a cooling unit (art. 1681). This particularly versatile power source is suitable for numerous applications, especially in medium-sized steel structures, and is characterised by its low current consumption (PFC). Complies with the EN 61000-3-12 standard.

Standard configuration

- SYNSTAR 330 TC
- Earth terminal with 3.5 m earth cable 50 mm²
- Welding cable plug, Ø 13 mm, 35/50/70 mm²
- Feed ring Ø 30 mm for welding wire Ø 0.6-0.8 and 1.0-1.2 mm f. Fe/CrNi/CuSi
- Operating instructions / CE

Possible applications

- Mechanical engineering
- Plant construction
- Container construction
- Steel construction
- Metalworking shops
- Forging
- Agriculture

Materials

- Steel
- CrNi
- Aluminium
- MIG brazing
- Cored wire

SPECIFICATIONS	
Material thickness	0,8 - 12 mm
steel / stainless steel wire diameter	0,8 - 1,2 mm
welding voltage adjustment	14,5 - 30,5 V
aluminium wire diameter	1,0 - 1,2 mm
welding wire roll diameter	200 / 300 mm
MIG-soldering diameter	0,8 - 1,2 mm

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welding wire roll weight	5/15 kg
duty cycle	270 A
welding current setting	15 - 330 A
ground connection plug / cross-section	13 / 50 O / mm ²
wire feed speed	22 m/min
welding power source (10 min at 40 °C) at welding current	40 / 330 % / A
Max. power consumption	12,4 kVA
voltage / phases	400 / 3 V / ~
Mains frequency	50 Hz
anti-surge fuse	16 AT
Degree of protection (IP)	23 S
feed drive	4 Rollers
connector	CEE 16 A
Width	510 mm
Depth	1022 mm
Height	960 mm
Weight	72 kg

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ELMAG® - Start-up Service

Competent execution guaranteed



Including ELMAG®-Quality Check

- Depreservation, degreasing and de-securing
- Assembly until ready for use
- Oil filling of gearboxes, oil baths and central lubrication systems
- Testing of electrics, safety components and devices
- Test run on all shift and power levels
- 30-minute test run at the highest power level
- Checking and, if necessary, adjustment of machine tolerances, e.g. V-belt tension and spindle concentricity
- Testing of all machine functions

For lathes, in addition:

- Lathe chuck reassembly with marking of minimum tolerance
- Measurement of the spindle nose to tolerance < 0.01 mm
- Measurement of the lathe chuck
- Setting the tailstock parallelism

For MIG/MAG/MMA/WIG welding, plasma cutting & induction heating equipment (depending on the type of equipment)

- Assembly of the unit, chassis assembly
- Intermediate hose assembly
- Mains plug assembly and gas hose assembly
- Connection preparation for gas or compressed air
- Control cable plug Assembly on hose assembly
- Installation & activation of water cooling unit for modular systems
- Filling with cooling liquid for liquid-cooled units
- Short test run or test welding