

# Caddy® Mig C160i

## Portable MIG/MAG welding unit with built-in wire feeder for 200 mm spools

Caddy® C160i is used for MIG/MAG welding of mild steels for repair, maintenance and assembly work. This easy to use and powerful unit, offers excellent welding properties and is easy to take along to the job at hand. Great if you are welding in the workshop or on the move.

### Offering true portability

Not only is Caddy® Mig C160i small and of low weight. Thanks to its intelligent, compact design it is easy to take along to different indoor and outdoor worksites and also to tuck away when not used, making it handy both in the workshop and on the move. Torch fastening and built-in grooves for cables facilitate transportation. Polarity change enables usage of gasless cored (self-shield) wire, making the welder independent of gas tubes as well as wind conditions.

Single phase mains connection makes it easy to find an electricity supply for the unit, and it works equally well when powered by a portable generator. \*

Thanks to the built-in PFC circuit, Caddy® Mig C160i can operate with extra long mains cables, over 100 m, giving the welder a very large working radius.

### Impact resistant design

Composite materials in combination with smart design solutions provide a durable and impact resistant machine, adapted to rough conditions. The control panel is recessed, which provides additional protection and durability.

### Improving the weld quality

Set material thickness and start welding. With Caddy® Mig C160i you only need to set the plate thickness. The machine controls the rest and can be trusted to always help the welder achieve consistent, high quality welding results. Hotter or colder welds can easily be obtained by adjusting the knob.

\*To obtain full output use a 10 KvA portable generator with automatic voltage regulation

## Applications

- Repair, maintenance or assembly work
- Agricultural applications
- Auto-repair
- Light metal fabrication
- Transport
- Education
- Household and furniture
- Tack welding
- Use with an automatic voltage regulated generator



### Supporting the welder

Caddy® Mig C160i comes with a handy, ergonomic torch with a ball joint that decreases the stress on the welder's wrist and helps the welder access the material in confined spaces.

Supportive internal design makes bobbin change quick and convenient. The side panel under which the built-in bobbin holder is found can stay open both when the machine is in upright position and when in lying position, making the bobbin easy to access.

The unit comprises a rubber surface for storage and putting aside of loose items such as wear parts and tools.



- Easy to use - Set material thickness and start welding
- The low weight and small size makes it easy to get to the worksite, indoors or outdoors.
- Has PFC (power factor correction) and complies to European "Harmonics" demands = uses energy efficiently
- Polarity change = possibility to use gasless cored wire
- Fitted with ESAB high quality MXL180 torch, 3 m long
- Optimized for 0.8mm mild steel wires

## Technical data

<b>Mains supply, V/Ph Hz</b>	230 1ph 50/60 +-15%
<b>Fuse (slow), A</b>	16
Auto fuse (MCB) EN 60898 type B	16
<b>Recommended generator size</b>	10
<b>Mains cable, mm<sup>2</sup></b>	3x2,5
<b>Maximum welding output, A</b>	160 Amps
<b>Permitted load, at 40°C</b>	
35% duty cycle, A/V	150/20.5
<b>Setting range, A</b>	30-160
<b>Open circuit voltage, V</b>	60
Wire feed speed, m/min	2 – 11
Maximum size of the wire reel, mm (kg)	200 (5)
<b>Open circuit power, W</b>	15
<b>Power factor</b> at maximum current	0.99
<b>Efficiency</b> at maximum current, %	82
<b>Dimensions LxWxH, mm</b>	449x198x347
<b>Weight with torch &amp; cables, kg</b>	11.4
<b>Enclosure class</b>	IP23C
<b>Application class</b>	S
<b>Standards</b>	IEC/EN 60974-1, EN 60974-05, EN 60974-10
<b>Operating temperature, °C</b>	-10 to +40



Angled panel, shelf for wear parts & tools, grooves for cables and torch storage under transport are just a few design features to simplify your work



Standard with shoulder strap.



**Trolley** - for easier transport of gas bottle and Caddy® Mig.

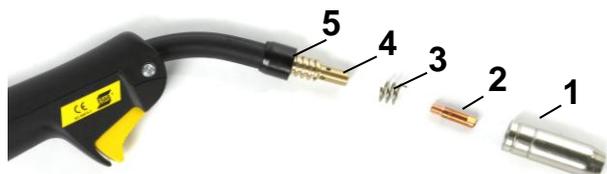
## Accessories

Trolley (for 20 to 50 l gas cylinder)	0459 366 887
Trolley (for 20 to 50 l gas cylinder)	0460 330 880
Warrior Tech Helmet Black	0700 000 400
Warrior Tech Helmet Yellow	0700 000 401
ESAB Curved MIG GLOVE, L	0700 005 043
Welding gloves Heavy Duty Basic	0700 005 007
Welding gloves Heavy Duty Regular	0700 005 008
Welding gloves Heavy Duty Excel, L	0700 005 009
Universal tool mini	0000 139 054

## Wear parts

Feed roller with groove	0349 311 890
Pressure roller	0349 312 062
Inlet nozzle, in feeder	0455 049 002
Gas nozzle (1)	0700 200 054
Contact tip (2) for 0.8mm wire	0700 200 064
Nozzle spring (3)	0700 200 078
Steel liner (4) for 0.8mm wire	0700 200 085
Tip adapter(5)	0700 200 072

## Wear parts, torch MXL180



## Technical data MXL 180

<b>Type of cooling</b>	gas
<b>Permitted load at 35% duty cycle</b>	
Carbon dioxide CO <sub>2</sub>	180 A
Mixed gas Ar/CO <sub>2</sub>	150 A
Self-shielded	100 A
<b>Recommended gas flow</b>	8 - 15 l/min
<b>Wire diameter</b>	0.6 - 1.0 mm
<b>Weight</b>	1.32 kg
<b>Cable assembly</b>	3.0 m
<b>Standard control cable</b>	2-pole

## Consumable wires on Ø200 mm bobin

OK Autrod 12.51 Ø 0.8mm, 5kg	1251084600
Coreshield 15 Ø 0.8 mm, 4.5kg	35UE084630

## Ordering information

Caddy® Mig C160i, 1ph 230V	0349 310 850
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**Delivery content:** 3 m torch, 3 m mains cable with plug, 4,5 m gas hose clamp and quick connector, return cable with clamp, basic shoulder strap, fitted wear parts in torch/feeder (for 0,8 mm wire) and instruction manual. 1 kg OK Autrod 12.51, 0.8 mm wire is also included.



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