

# Caddy<sup>®</sup> Mig C200i

Portable MIG/MAG welding unit with built-in wire feeder for Ø200 mm spools

**For tradesmen – repair, maintenance and assembly welding of mild steels, aluminium and stainless steels as well as brazing. This easy to use, intelligent 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.**

## Advanced design gives you options

Advanced and modern materials provide lightweight, durable and impact resistant housing with inbuilt cable wraps for ease of transportation. The low weight of 11.5 kg makes it easy to move to different indoor or outdoor worksites.

## Applications

The performance of this unit makes it superb for a large variety of applications. Weld mild steels, stainless steels or aluminium. MIG/MAG brazing of galvanized plates is another application. Solid or gasless cored wires can be used. A versatile unit for repair, maintenance or assembly work in the workshop, outdoors or at different sites. Single phase mains connection makes it easy to find an electricity supply. Works equally as well when powered by a portable generator\*

## QSet™, the intelligent arc setting

Set the plate thickness, test weld for a few seconds and the unit will automatically set the welding arc. QSet™ will always maintain the best welding arc. QSet™ provides easy machine setting and will ensure consistent quality and ease of operation. Conventional setting of wire feed speed and voltage is also possible.

\*To obtain full output use a 6.5 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

XA00149420



## More welding power than ever before

The PFC (power factor correction) gives 30 % more welding power from the same fuse size.

## Description

Caddy Mig C200i is an efficient inverter power source. Under the side panel there is a built-in wire feeder and a holder for the wire spool. In this compartment, polarity change can also be done, for optimal welding with gasless cored wires.

## Spool type needed

Wire spool size: inner diameter 51 mm, external diameter 200 mm and width 55 mm.

## Recommended ESAB wires

**OK Autrod 12.51, Ø 0.8** (0.6 & 1.0) for welding of mild steels. **Coreshield 15, Ø 0.8** for gasless welding of mild steels. **OK Autrod 19.30, Ø 0.8** (1.0) for MIG /MAG brazing. **OK Autrod 308LSi, Ø 0.8** (0.6 & 1.0) for 18Cr 8Ni stainless steel welding. **OK Autrod 316LSi, Ø 0.8** (0.6 & 1.0) for stainless steel welding. **OK Autrod 5183, Ø 1.0** for aluminium welding.

- Can weld mild & stainless steels, aluminium, as well as MIG/MAG brazing
- QSet™, intelligent arc setting, ensures consistent quality and makes it easy to use
- Has PFC (power factor correction) and complies to European Harmonics demands = uses energy efficiently – lots of power.
- Easy to change polarity = possibility to use gasless cored wire
- Fitted with ESAB, high quality, MXL180 torch, 3 m long

## Technical data

<b>Mains voltage, V/Ph Hz</b>	230 +-15% / 1ph 50/60
<b>Fuse (slow), A</b>	16
Auto fuse (MCB) EN 60898 type B	20
<b>Mains cable, Ø mm<sup>2</sup></b>	1.5
<b>Maximum welding output, A</b>	200
<b>Permitted load at</b>	
25% duty cycle, A/V	180 /23
100% duty cycle, A/V	100/19
<b>Power factor at maximum current</b>	0,99
<b>Efficiency at maximum current, %</b>	82
<b>Setting range, A</b>	30-200
<b>Open circuit voltage, V</b>	60
Wire feed speed, m/min	2 – 12
Max. size of the wire reel, mm (kg)	200 (5)
<b>Open circuit power, W</b>	15
<b>Dimensions l x w x h, mm</b>	449x198x347
<b>Weight with torch &amp; cables, kg</b>	11.5
<b>Enclosure class</b>	IP23C
<b>Application class</b>	S
<b>Standards</b>	IEC/EN 60974-1, 60974-5 EN 60974-10
<b>Operating temperature, °C</b>	-10 to +40



Supplied with shoulder strap.



## Ordering information

Description	Item number
Caddy® Mig C200i, 1ph 230V	0349 312 030
½ pallet, with 6 Caddy® Mig C200i	0349 312 476
Trolley with gas shelf	0459 366 887

**Delivery content:** 3 m torch, 3 m mains cable with plug. 4.5 m gas hose with hose clamp and quick connector, return cable with clamp, simple shoulder strap, fitted wear parts in torch/feeder (for 0,8 mm wire) and instruction manual. 1 kg OK Autorod 12.51, Ø0.8 mm welding wire is also included.

## Wear parts

Feed roller		0349 311 890
w 0.6/0.8 – 1.0 V-groove		0349 312 836
w 0.6/0.8 V-groove – 1.0 U-groove		0349 312 062
Pressure roller		0455 049 002
Inlet nozzle, in feeder		0700 200 054
Gas nozzle (1)		0700 200 064
Contact tip (2) for 0.8mm wire		0700 200 066
Contact tip (2) for 1.0mm wire		0700 200 078
Nozzle spring (3)		0700 200 085
Steel liner (4), 0.6-0.8mm MS & cored wire		0700 200 087
Steel liner (4), 0.9-1.2mm MS & cored wire		0700 200 089
PFTE Liner(4), 0.6-0.8mm SS & brazing wire		0700 200 091
PFTE Liner(4), 0.9-1.2mm Al, SS & brazing wire		0700 200 072
Tip adapter(5)		

## Consumable wires on Ø200 mm bobbin

Description	Wire diameter	Item number
OK Autrod 12.51	Ø 0.8 5kg	1251084600
Coreshield 15	Ø 0.8 4.5kg	35UE084630
OK Autrod 19.30,	Ø 0.8 5kg	1930084600
OK Autrod 308LSi; SS	Ø 0.8 5kg	1612084600
OK Autrod 316LSi, SS	Ø 0.8 5kg	1632084600
OK Autrod 5183, Al	Ø 1.0 2kg	1816104620



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

## Wear parts on front end of torch MXL180



## Technical data MXL 180

<b>Type of cooling</b>	gas
<b>Permitted load at 20% duty cycle</b>	
Carbon dioxide CO <sub>2</sub>	200 A
Mixed gas Ar/CO <sub>2</sub>	180 A
Self-shielded	120 A
<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



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