

# Caddy® Mig C160i / 200i

*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.

**Caddy® C200i** can do welding of mild steels, aluminium, stainless steels and also for brazing.



#### More welding power than ever before

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

#### Description

Caddy Mig C160i/C200i has an efficient built-in inverter power source. Inside the side panel there is a wire feeder as well as space for the wire spool.

#### Spool type needed

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

#### Recommended wires/gas

**ESAB's OK Autrod 12.51** diameter 0.8 mm, for welding mild steels. A high quality copper coated wire for excellent mild steel welding results.

**ESAB's Coreshield 15**, diameter 0.8 mm, for welding mild steels. A cored wire that builds a slag protection and therefore needs no gas to weld a large variety of mild steels. Change polarity for best result.

#### 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 11.4/11.5 kg makes easy to move to different indoor or outdoor worksites

#### Applications

The performance of this unit makes it a superb choice for mild steel welding applications. Perfect for tradesmen working with repair, maintenance or assembly work in the workshop, outdoors or at different sites. Single phase mains connection makes it easy to find a electricity supply. Works equally as well when powered by a portable generator.\* The Caddy Mig C160i has optimized performance for welding with 0.8 mm wire on mild steels using solid or cored wires. Caddy Mig C200i can weld mild steels, stainless steels, aluminium and also MIG/MAG brazing of galvanized plates

#### Automatic function and simplicity

With Caddy Mig C160i/C200i you only need to set the plate thickness before starting to weld. Hotter or colder welds can easily be obtained by using the heat adjustment knob.

\*To obtain full output use a 5.5 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

- 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
- Tack welding • Optimized for 0.8mm mild steel wires

Technical data	Caddy™ MIG 160i	Caddy™ MIG 200i
<b>Mains voltage, V/Ph Hz</b> 1ph 50/60 +-15%	230	230
<b>Fuse (slow), A</b>	16	16
<b>MCB</b>	No	Yes
<b>Mains cable, Ø mm</b>	1.5	1.5
<b>Maximum welding output</b>	160 Amps	200 Amps
<b>Permitted load, at 40degC</b>		
25% duty cycle, A/V	-	180 /23
35% duty cycle, A/V	150/20.5	-
100% duty cycle, A/V	100/19	100/19
<b>Setting range, A</b>	30-160	30-200
<b>Open circuit voltage, V</b>	60	60
Wire feed speed, m/min	2 – 11	2 – 12
Max. size of the wire reel, mm (kg)	200 (5)	200 (5)
<b>Open circuit power, W</b>	15	15
<b>Power factor at maximum current</b>	0.99	0,99
<b>Efficiency at maximum current, %</b>	82	82
<b>Dimensions lwxhxh, mm</b>	449x198x347	449x198x347
<b>Weight with torch &amp; cables, kg</b>	11.4	11.5
<b>Enclosure class</b>	IP23C	IP23
<b>Application class</b>	S	S
<b>Standards</b>	IEC/EN 60974-1, EN 60974-05, EN 60974-10	60974-1 60974-10
<b>Operating temperature, °C</b>	-10 to +40	-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.



Wear parts, torch MXL180



### Ordering information

Description	Code
Caddy® Mig C160i, 1ph 230V	1620607612
Caddy® Mig C160i, 1ph 230V	on request

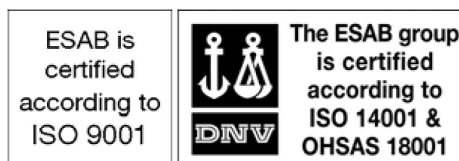
**Delivery content:** 3 m torch, 3 m mains cable with plug, 4.5 m gas hose with hose clamp and quick connector, return cable with clamp, simple shoulder strap, fitted wear parts in torch/feeder (for 0,8 mm wire) and instruction manual. 1 kg OK Autrod 12.51, 0.8 mm is also included.

### Optional – part numbers

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

### Quality accessories for the quality welder

ESAB offers a wide range of accessories. The complete range, along with product information, is available at our local web-sites, look at [www.esabindia.com](http://www.esabindia.com) or contact your local ESAB dealer.



### ESAB INDIA LIMITED

Registered and Head Office: 13, Industrial Estate, III Main Road, Ambattur, Chennai - 600058. Tel : 044-42281100 Fax : 044-42281150  
 Equipment Factories: Taratala, Kolkata and Irungattukottai, Chennai  
 Divisional Sales: Email: [equipment.sales@esab.co.in](mailto:equipment.sales@esab.co.in)

**Eastern Regional Office**  
 P41 Taratala Road  
 Kolkata 700098  
 Tel : (033) 2401 9671  
 Fax : (033) 2401 4427  
 Email : [egptsales.er@esab.co.in](mailto:egptsales.er@esab.co.in)

**Western Regional Office**  
 501/502, 5th Floor, Sagar Tech-B  
 Andheri Kuria Road, Saki Naka  
 Andheri East, Mumbai 400072  
 Tel : (022) 2851 7386  
 Fax : (022) 2852 4974  
 Email : [egptsales.wr@esab.co.in](mailto:egptsales.wr@esab.co.in)

**Northern Regional Office**  
 71/1 Najafgarh Road  
 New Delhi 110015  
 Tel : (011) 4142 7091  
 Fax : (011) 4142 7099  
 Email : [egptsales.nr@esab.co.in](mailto:egptsales.nr@esab.co.in)

**Southern Regional Office**  
 Karamuttu Centre, 6th Floor  
 New No. 634, Anna Salai  
 Nandanam, Chennai 600035  
 Tel : (044) 4295 7894 95  
 Fax : (044) 4295 7889  
 Email : [egptsales.sr@esab.co.in](mailto:egptsales.sr@esab.co.in)

**Central Regional Office**  
 No. 218, Ashinrad  
 South Ambazari Road  
 Bajaj Nagar, Nagpur 440010  
 Tel : (0712) 222 9547 / 48  
 Fax : (0712) 222 9549  
 Email : [egptsales.cr@esab.co.in](mailto:egptsales.cr@esab.co.in)

