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Parts



For instructions on part replacement, see *Part Replacement* on page 279.

Internal EtherCAT cables

Part number	For model	Color	Length	Quantity
223503	EDGE Connect TC	Blue	0.53 m (21 in.)	1
223504	EDGE Connect TC	Yellow	0.36 m (14 in.)	1
223505	EDGE Connect TC	Red	0.23 m (9 in.)	1

Touchscreen cables

Part number	For model	Cable type	Length	Quantity
223474	EDGE Connect TC	USB	0.30 m (12 in.)	1
223475	EDGE Connect TC – model number 090185 (18.5 inch touchscreen) only	Video DVI-D	0.61 m (24 in.)	1
223740	EDGE Connect TC – model number 090198 (19.5 inch touchscreen) only	Video HDMI	0.30 m (12 in.)	1

Enclosure and hardware

Part number	For model	Description	Quantity
101378	EDGE Connect TC – model number 090185 (18.5 inch touchscreen) only	Rear enclosure	1
101467	EDGE Connect TC – model number 090198 (19.5 inch touchscreen) only	Rear enclosure	1
428633	EDGE Connect TC	Kit: Plastic cable clips (13)	
428634	EDGE Connect TC	Kit: Screws	

Front panel and rear I/O panel parts

Part number	For model	Description	Quantity
104827	EDGE Connect/EDGE Connect TC	USB cover with chain assembly	1
223244	EDGE Connect/EDGE Connect TC	USB panel mount connector bulkhead with cable, 0.5 m (19.7 in.)	1
223501	EDGE Connect/EDGE Connect TC	Wireless antenna extension cable, 0.18 m (7 in.)	1
228445	EDGE Connect/EDGE Connect TC	Ethernet connector	1
229736	EDGE Connect/EDGE Connect TC	Power button with wiring harness	1
229762	EDGE Connect/EDGE Connect TC	Rear I/O panel with gasket (does not include connectors)	1
428631	EDGE Connect/EDGE Connect TC	Kit: 12 VDC power supply (1), AC rewirable connector (1), AC cord (1), and plug for 120 V (1)	

Internal parts

Part number	For model	Description	Quantity
229728	EDGE Connect/EDGE Connect TC	12 VDC power input with wiring harness	1
229827	EDGE Connect TC	Operator console PCB	1
229840	EDGE Connect/EDGE Connect TC	Embedded-CNC Note: Disconnect and keep the HASP software key from the defective embedded-CNC to use in the replacement embedded-CNC.	1
428632	EDGE Connect/EDGE Connect TC – model number 090185 (18.5 inch touchscreen) only	Kit: 469.9 mm (18.5 inch) touchscreen (1), DVI cable (1), USB cable (1), screws (9)	
428652	EDGE Connect/EDGE Connect TC	HASP software key	1
428765	EDGE Connect TC – model number 090198 (19.5 inch touchscreen) only	Kit: 495.3 mm (19.5 inch) touchscreen (1), HDMI cable (1), USB cable (1), screws (9), cable ties (2)	

Operator console parts

Part number	For model	Description	Quantity
005688	EDGE Connect TC	Stop switch assembly (red)	1
005689	EDGE Connect TC	Start switch assembly (green)	1
005715	EDGE Connect TC	Joystick	1
104827	EDGE Connect/EDGE Connect TC	USB cover with chain assembly	1
108861	EDGE Connect TC	Potentiometer knob, 24.8 mm (0.975 inch) diameter	1
223244	EDGE Connect TC	USB panel mount connector bulkhead with cable, 0.5 m (19.7 in.)	1
229727	EDGE Connect TC	Wiring harness for toggle switch, start and stop buttons, and joystick	1
229729	EDGE Connect TC	Potentiometers with wiring harness	2
229736	EDGE Connect TC	Power button with wiring harness	1
428635	EDGE Connect TC	Kit: Toggle switch (1) and nut (1)	

Optional accessories

Wireless antenna extension cables

Part number	For model	Length	Quantity
223250	EDGE Connect	0.30 m (12 in.)	1
223251	EDGE Connect	3.1 m (10 feet)	1

Ethernet and EtherCAT bulkhead connector

Part number	For model	Quantity
208367	EDGE Connect	1

Mounting options

Part number	For model	Description	Quantity
104844	EDGE Connect	Wall mount for EDGE Connect	1
104845	EDGE Connect	DIN rail mount for EDGE Connect	1
428636	EDGE Connect TC	Kit: Rear or flush mount bracket (1) with screws (4) for EDGE Connect TC	

USB with instruction manuals

Part number	For model	Quantity
428628	EDGE Connect/EDGE Connect TC	1

EtherCAT test PCB

Part number	For model	Quantity
428715	EDGE Connect TC	1

* If you want to connect a Powermax® or MAXPRO® to an EDGE Connect CNC, use a discrete connection through the drive I/O or an I/O module on the network.

External EtherCAT cables

All EtherCAT cables used in the cutting system must follow the guidelines in *EtherCAT cable* on page 36 (EDGE Connect) or *EtherCAT cable* on page 43(EDGE Connect TC).

All Hypertherm cables are manufactured to these guidelines and are listed here.

Part number	Length	Quantity
223506	0.3 m (1 feet)	1
223507	0.6 m (2 feet)	1
223508	1.5 m (4.9 feet)	1
223672	2.5 m (8.2 feet)	1
223509	3 m (9.8 feet)	1
223510	6 m (19.7 feet)	1
223511	7.5 m (24.6 feet)	1
223512	10 m (32.8 feet)	1
223513	15 m (49.2 feet)	1
223514	22.5 m (73.8 feet)	1
223515	30 m (98.4 feet)	1
223516	45 m (147.6 feet)	1
223517	60 m (196.9 feet)	1
223714	75 m (246.1 feet)	1

EtherCAT drives and I/O modules

For a list of supported EtherCAT drives and I/O modules, see the *EtherCAT Devices Supported by EDGE Connect CNCs* Application Note (809660). Technical documentation is available at www.hypertherm.com/docs.



If you want to connect a Powermax® or MAXPRO® to an EDGE Connect CNC, use a discrete connection through the drive I/O or an I/O module on the network.