

IR63 Plus® Fusion Joining Machine and Accessories

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IR-63 Plus® Fully-Equipped Machine

Model:

- Clamping inserts d 20-63 mm (8 pcs. per dimension)
- End caps PE d 20-63 mm (4 pcs. per dimension)
- Power supply cable 230 V (1 pcs.)
- Extension cable for remote weld device (1 pcs.)
- Extension cable for heater (1 pcs.)
- Extension cable for facing tool (1 pcs.)
- Cleaning brush No. 8 (1 pcs.)
- Hexagon key 3 mm (1 pcs.)
- Hexagon key 4 mm (1 pcs.)
- Heater protection shield (1 pcs.)
- Clamping unit extension (8 pcs.)
- Socket wrench (facing blades) (1 pcs.)
- Screw driver, Size 0 (1 pcs.)
- Accessory Tray (1 pcs.)
- Manual (1 pcs.)
- Fully-equipped fusion joining machine for welding SYGEF Standard, SYGEF Plus, PROGEF Standard, PROGEF Natural, PROGEF Plus, PE 100, PFA in dimensions d 20-63 mm with integrated remote welding unit, 2 USB interfaces, monochrome display with icons and 12 languages.
- 1-phase AC (50/60 Hz) 230 V L/N/PE
- Machine housing complete (1 pcs.)
- Heater assembly (1 pcs.)
- Remote weld device (1 pcs.)
- Facing tool (1 pcs.)
- Transport box (1 pcs.)
- Pipe stop (1 pcs.)

d-d (mm)	Part No.	weight (lb)
20 - 63	* 790 131 005	110.231

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Power Converter

Description	Part No.
Power Converter 115/230V AC	* 790 103 095

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Clamping Inserts



- The clamping inserts are different for each dimension. They are used to clamp and position the pipe components.

d (mm)	Part No.	weight (lb)	Pieces
* 25	* 150 131 039	0.198	1
* 32	* 150 131 040	0.115	1
* 40	* 150 131 041	0.163	1
* 50	* 150 131 042	0.220	1
* 20	* 150 131 038	0.309	1
* 63	* 150 131 043	0.077	1

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Clamping Inserts, IPS

- The clamping inserts are different for each dimension. They are used to clamp and position the pipe components.

d (inch)	Part No.	weight (lb)	Pieces
¼	* 790 131 446	0.126	1
½	* 790 131 447	0.121	1
¾	* 790 131 448	0.117	1
1	* 790 131 449	0.112	1
1 ½	* 150 131 042	0.220	1
2	* 790 131 450	0.090	1

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Replacement Blades for Facing Tool

- A set includes two facing knives. Each facing knife has four blades. The blade may be turned three times before it must be replaced.

d-d (mm)	Part No.	Pieces
20 - 63	* 790 131 045	2

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PE Pipe End Caps

- A set includes 4 end caps. The end caps are different for each dimension. The ends of the pipe **must** be closed. The caps prevent heat loss due to airflow in the fusion zone and guarantee optimum fusion results of the pipe components.

d (mm)	Part No.	Pieces
20	* 790 131 030	4
25	* 790 131 031	4
32	* 790 131 032	4
40	* 790 131 033	4
50	* 790 131 034	4
63	* 790 131 035	4

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Heater Shield

Description	Part No.
Heater Shield IR63	* 790 131 051

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**Extension Cable
clamping carriage**

- Extension cable for remote fusion.

d-d (mm)	Part No.	weight (lb)	Pieces
20 - 63	* 790 131 047	1.764	1

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Extension Cable facing tool

- Extension cable for remote fusion.

d-d (mm)	Part No.	Pieces
20 - 63	* 790 131 048	1

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Extension Cable heater

- Extension cable for remote fusion.

d-d (mm)	Part No.	Pieces
20 - 63	* 790 131 049	1

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Power Cord IR63

Description	Part No.
Power Cord IR63	* 150 131 246

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Pipe Stop

- The pipe stop defines the allowance when the pipes are clamped into position.

d-d (mm)	Part No.	weight (kg)	Pieces
20 - 63	* 790 131 046	0.430	1

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Adjustment Tools

Description	Part No.	weight (lb)
Allen Wrench 3mm	* 150 900 567	2.866
Allen Wrench 4mm	* 790 131 264	0.086
T-10 Torx Wrench	* 790 131 129	0.004

Upgrade Programs for IR Plastic Fusion Joining Machines

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IR Plus Upgrade Program

Description	Part No.	weight (lb)
Left Side Adjustable Clamping Station	* 790 131 110	5.952
Right Side Adjustable Clamping Station	* 790 131 109	4.828

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IR 63 Plus Upgrade

In order to give you our existing IR-Plus customers the full benefit of GF fusion tool advantages, we offer a modification kit which enables a reconstruction of all existing IR-Plus machines. The following modifications are included:

- 2 USB interfaces
- Monochrome display with icons
- New navigation panel
- operator guidance in 12 languages

The upgrade of the new IR-Plus components will be executed by Georg Fischer service centers in the USA (Irvine), Singapore and CSO Schaffhausen.

Part No.	weight (kg)	Type
* 790 131 124	5.170	IR-63 Plus

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IR 225 Plus Upgrade

In order to give you our existing IR-Plus customers the full benefit of GF fusion tool advantages, we offer a modification kit which enables a reconstruction of all existing IR-Plus machines. The following modifications are included:

- 2 USB interfaces
- Monochrome display with icons
- New navigation panel
- operator guidance in 12 languages

The upgrade of the new IR-Plus components will be executed by Georg Fischer service centers in the USA (Irvine), Singapore and CSO Schaffhausen.

Part No.	weight (kg)	Type
* 790 133 124	6.650	IR-225 Plus