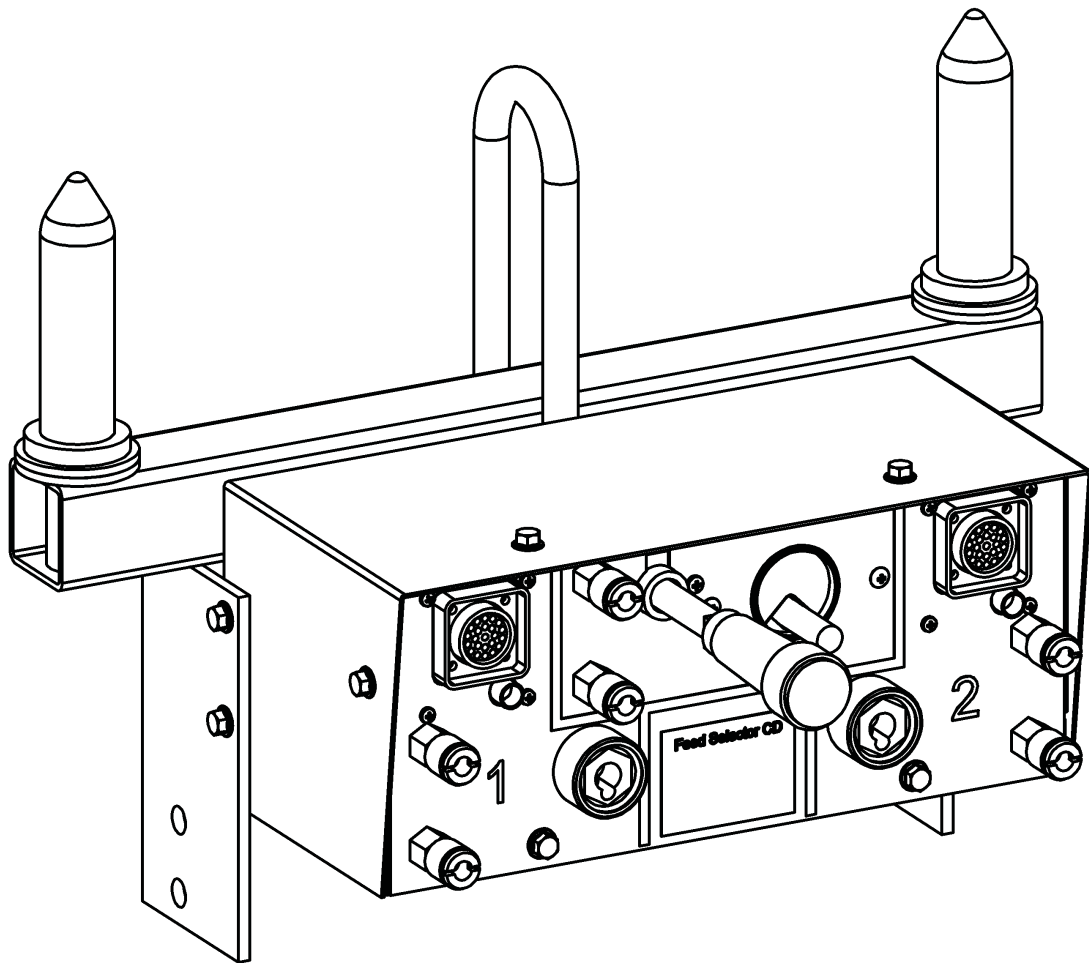




# ***FEED SELECTOR CD***



Instruction manual

0349 301 152    090910



### **Do not dispose of electrical equipment together with normal waste!**

In observance of European Directive 2002/96/EC on Waste Electrical and Electronic Equipment and its implementation in accordance with national law, electrical equipment that has reached the end of its life must be collected separately and returned to an environmentally compatible recycling facility. As the owner of the equipment, you should get information on approved collection systems from our local representative.

By applying this European Directive you will improve the environment and human health!

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## **3 INTRODUCTION**

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Feed selector is a switching device for multiple feeder operation with one welding power source for welding with different wire dimensions and shielding gases.

Feed selector is intended for the digital based chopper power sources, Origo™ Mig 4002c/cw, 5002 c/cw, 6502c/cw and the wire feeders: Aristo™ Feed 3004 and Aristo™ Feed 4804. The operation of the wire feeders are controlled by the control pendant Aristo™ U8<sub>2</sub>. Switching is performed automatically by the signal from the wire feeder when the torch is activated. The wire feeder that is not used is automatically disabled for the welding.

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## **4 TECHNICAL DATA**

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Permissible load	
60% duty cycle	630 A
100% duty cycle	500 A
Dimensions l x w x h	200 x 500 x 375
Weight	12,5 kg
Enclosure class	IP23

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## **5 Aristo™ U8<sub>2</sub> configuration for two feeders**

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For more comprehensive information about configuration, see Aristo™ U8<sub>2</sub> instruction manual (GIN: 0460 896 074) page 55 chapter 9.10 provided with the control pendant. Other language versions of the instruction manual are available on the Internet at [www.esab.com](http://www.esab.com).

## 6 Installation on the machine

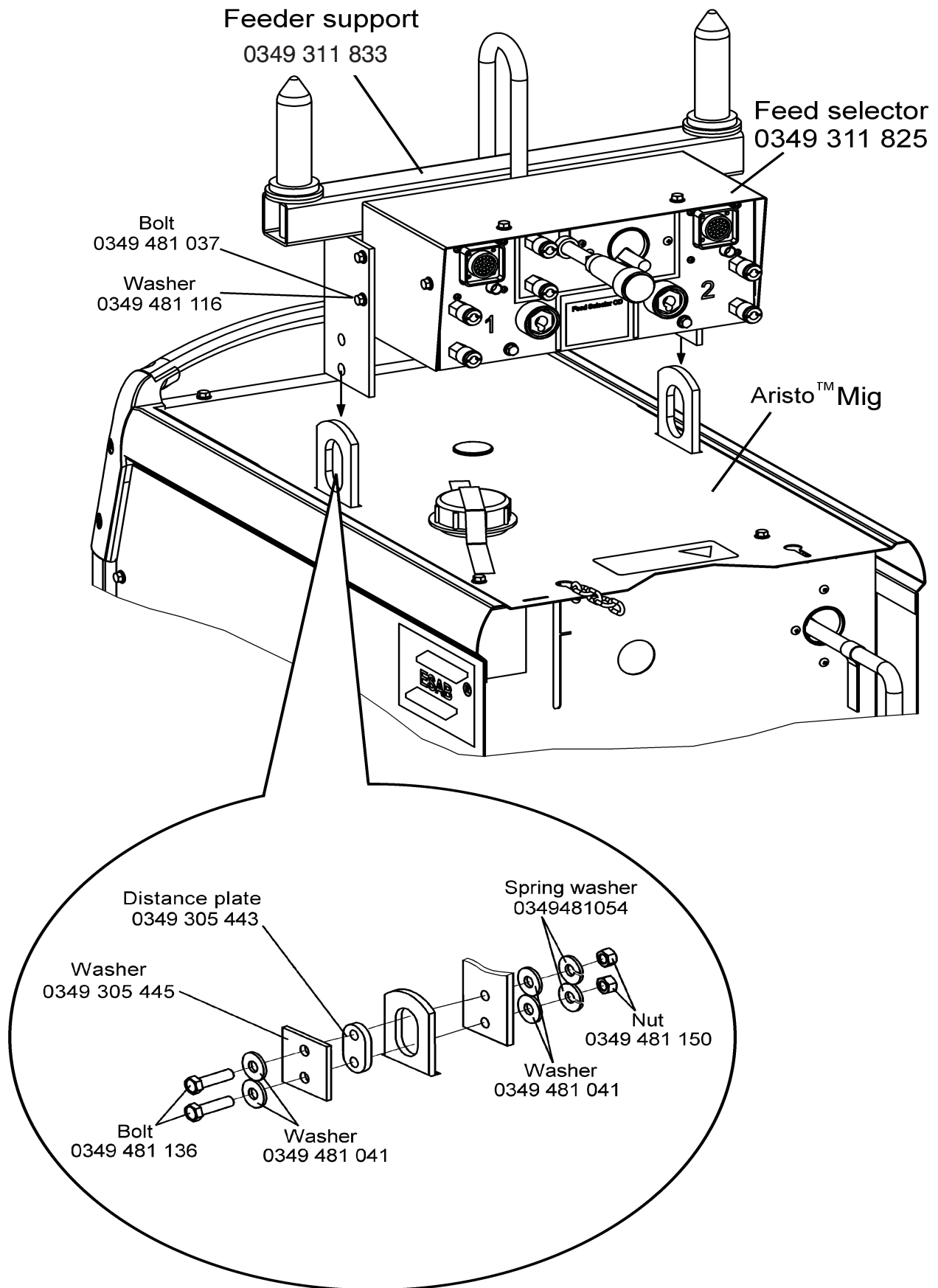


Fig. 1. Installing on Origo™ Mig 4002 c/cw, 5002 c/cw, 6502 c/cw

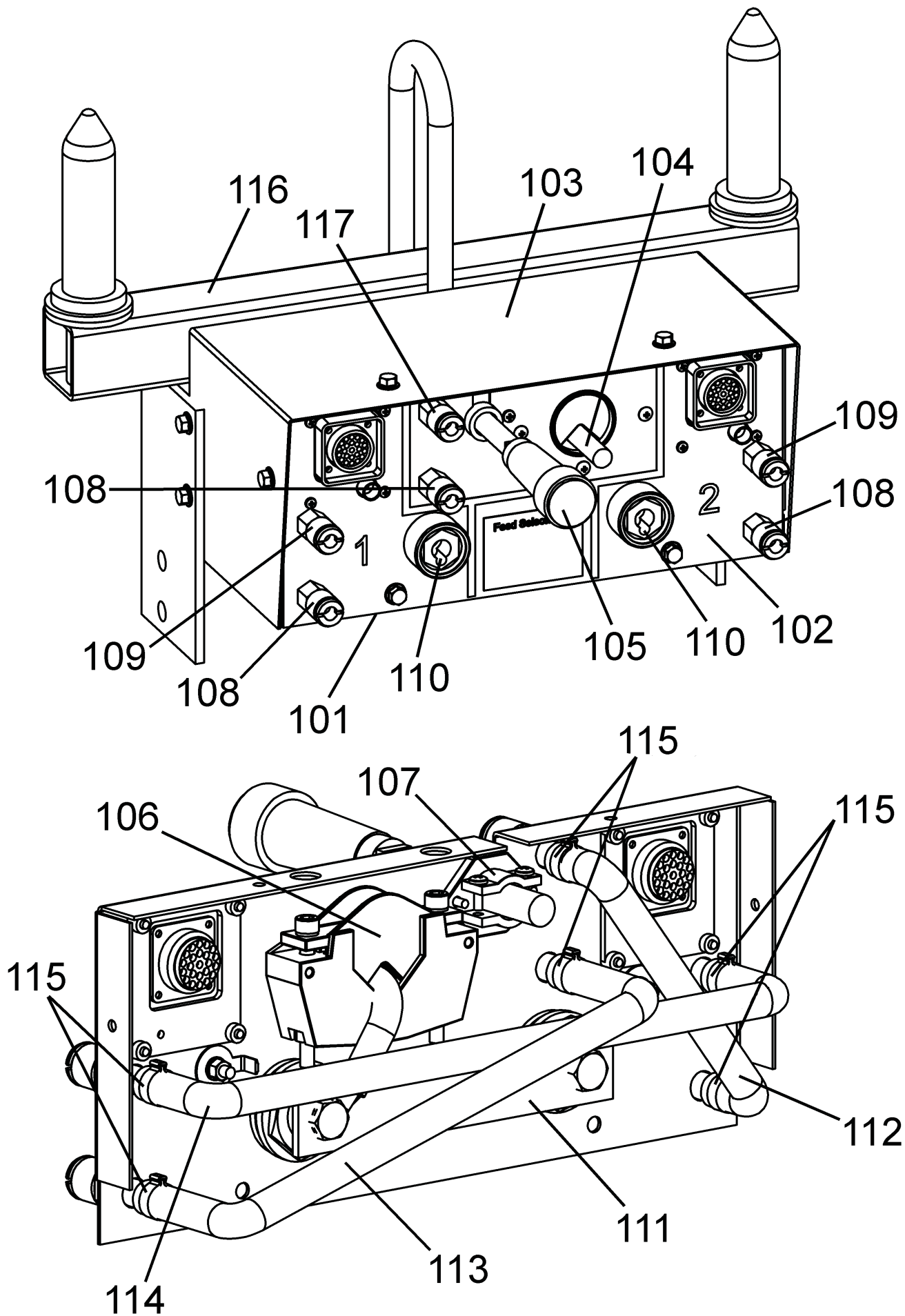


Fig. 2. Spare parts view

## 7 Accessories

<b>Feed selector CD</b>	<b>0349 311 825</b>
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<i>Part</i>	<i>Qty</i>	<i>Part No</i>	<i>Fig. No/Part</i>
Feeder support	1	0349 311 833	-
Water connector	1	0349 308 662	3
Water connector	1	0349 308 663	-
Water connector	1	0349 308 664	-
Distance plate	2	0349 305 443	1
Washer	2	0349 305 445	1
Plain washer	4	0349 481 037	1
Hexagon screw	4	0349 481 136	1
Hexagon screw	4	0349 481 116	1
Hexagon nut	4	0349 481 150	1
Plain washer	4	0349 481 041	1
Spring washer	4	0349 481 054	1
Feeder support	1	0349 311 833	2 /116
Cover	1	0349 311 838	2/103
Label - Name	1	0349 311 011	2/117
Cable	1	0349 308 237	2/104
Quick-coupling female red	3	0365 803 011	2/109
Quick-coupling female blue	3	0365 803 012	2/108
Front plate cpl.	1	0349 311 817	2/102
Control cable	1	0349 311 818	2/105
OKC machine contact 50mm2	2	0160 362 881	2/110
Bottom - Plate	1	0349 311 836	2/101
Cable inlet OrigMig405	1	0469 950 880	2/106
Gland with lock OrigMag	1	0349 305 481	2/107
Clamp	6	0349 482 854	2/115
Hose (L=250mm)	1	0349 487 065	2/112
Hose (L=370mm)	1		2/113
Hose (L=450mm)	1		2/114
Bar	1	0349 311 816	2/111

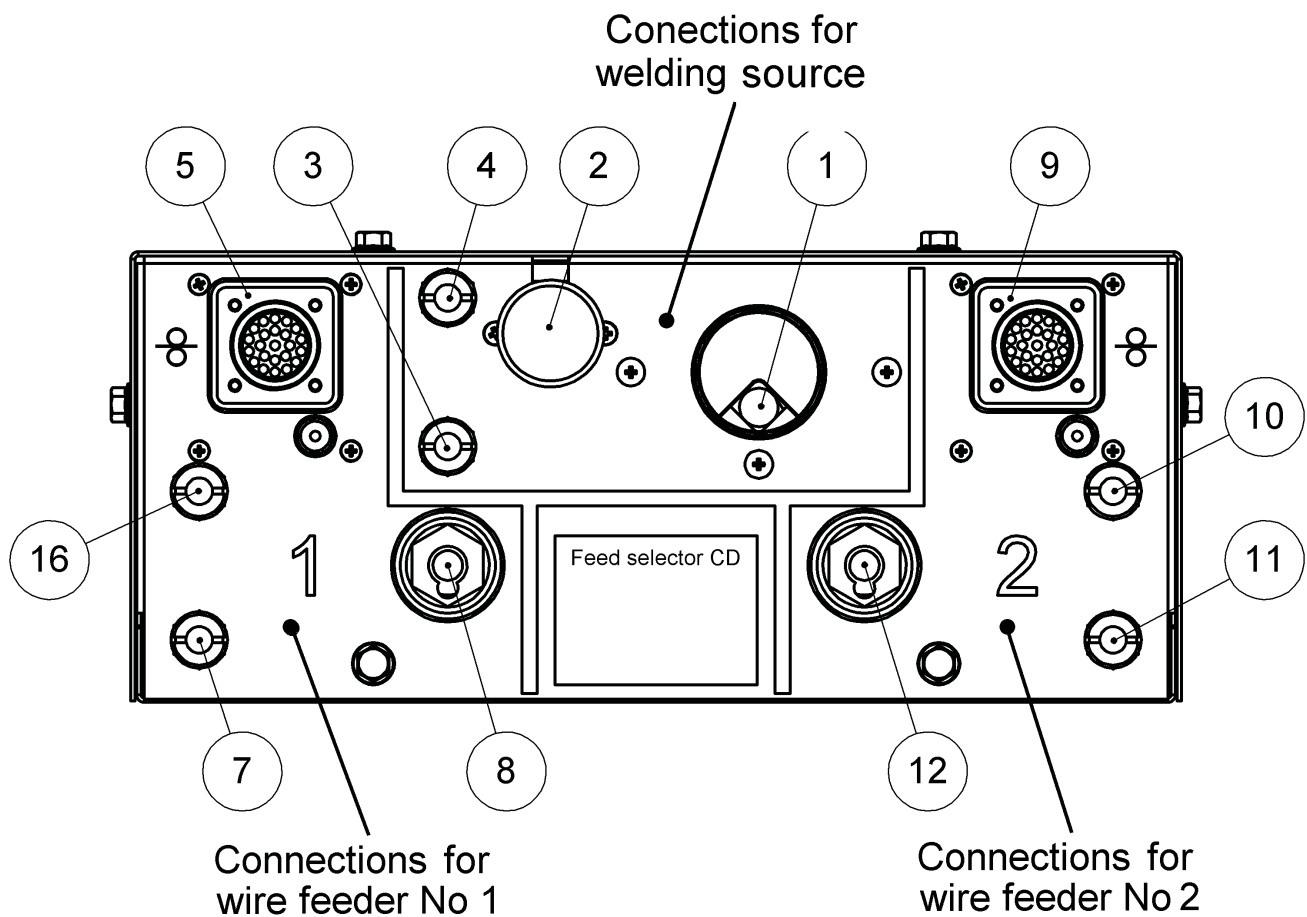


Fig.2 External connections - rear panel

1. Input current cable to welding rectifier.
2. Control cable to welding rectifier.
3. Cooler output connection.
4. Cooler input connection.
5. Control cable socket to wire feeder No 1.
- 6,7. Water connection of wire feeder No 1.
8. Connection for welding current to wire feeder No1.
9. Control cable socket to wire feeder No 2.
- 10,11. Water connection of wire feeder No 2.
12. Connection for welding current to wire feeder No2.

**Attention:**

*If only one water-cooled welding gun is used, respective water connection: 6-7 or 10-11 should be closed by means of the connector 0349308662 to maintain the water circulation.*

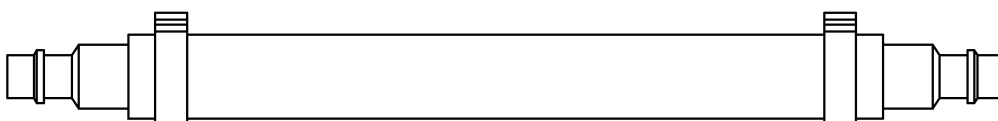


Fig. 3 Water connector.

**Attention:**

*Depending on applied welding rectifier and anticipated welding currents respective cross section of the cable providing current to wire feeder should be applied.*

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## 8. ORDERING NUMBER

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Ordering no.	Denomination	Type
0349 311 825	Feed selector for U8 <sub>2</sub>	Feed Selector CD
0460 526 881	Wire feed unit U8 <sub>2</sub>	Aristo™ Feed 3004
0460 526 891	Wire feed unit with water U8 <sub>2</sub>	Aristo™ Feed 3004w
0460 526 981	Wire feed unit U8 <sub>2</sub>	Aristo™ Feed 4804
0460 526 991	Wire feed unit with water U8 <sub>2</sub>	Aristo™ Feed 4804w
0458 716 990	Spare parts list	Feed 3004, Feed 4804
0460 820 880	Control pendant	Aristo™ U8 <sub>2</sub>
0460 820 881	Control pendant	Aristo™ U8 <sub>2</sub> Plus
0459 839 037	Spare parts list	Aristo™ U8 <sub>2</sub>

Instruction manuals and the spare parts list are available on the Internet at [www.esab.com](http://www.esab.com)