

### Preventive maintenance – less downtime

The customized Kjellberg maintenance packages include all original components, which are recommended for the yearly maintenance corresponding with the operating year or operating hours, respectively. In the following you can see a list of all available maintenance packages with their respective article numbers as well as an overview of the included components.

### Maintenance packages\* Q 3000

Package	Item no	Name
01.01	.11.038.2021WART01	Q 3000 maintenance package 1 <sup>st</sup> year/1.000h
01.02	.11.038.2021WART02	Q 3000 maintenance package 2 <sup>nd</sup> year/2.000h
01.03	.11.038.2021WART03	Q 3000 maintenance package 3 <sup>rd</sup> year/3.000h
01.04	.11.038.2021WART04	Q 3000 maintenance package 4 <sup>th</sup> year/4.000h
01.05	.11.038.2021WART05	Q 3000 maintenance package 5 <sup>th</sup> year/5.000h
01.06	.11.038.2021WART06	Q 3000 maintenance package 6 <sup>th</sup> year/6.000h
01.07	.11.038.2021WART07	Q 3000 maintenance package 7 <sup>th</sup> year/7.000h
01.08	.11.038.2021WART08	Q 3000 maintenance package 8 <sup>th</sup> year/8.000h
01.09	.11.038.2021WART09	Q 3000 maintenance package 9 <sup>th</sup> year/9.000h
01.10	.11.038.2021WART10	Q 3000 maintenance package 10 <sup>th</sup> year/10.000h
01.11	.11.038.2021WART11	Q 3000 maintenance package 11 <sup>th</sup> year/11.000h
01.12	.11.038.2021WART12	Q 3000 maintenance package 12 <sup>th</sup> year/12.000h

\* The packages are based on a regular (yearly) maintenance according to the components change plan.

### Advantages of the maintenance packages:

- Use of high-quality original spare parts
- Easy selection based on the operating year/ hours
- Always up to date according to the components change plan

If you operate a system with special voltages, we will check your requirements and prepare an individual offer.

Please always state the serial number of your plasma cutting system with your order.

### Overview of the components change plan of plasma cutting unit

Description	Component	Package											
		01.01	01.02	01.03	01.04	01.05	01.06	01.07	01.08	01.09	01.10	01.11	01.12
Kjellfrost -15°C / 20l		1	1	1	1	1	1	1	1	1	1	1	1
Collant filter element		1	1	1	1	1	1	1	1	1	1	1	1
Auxiliary contactor up to series 22 XXX	Q0				1					1			1
Auxiliary contactor as of series 23 XXX	Q0, Q4				2					2			2
Suppressor diode up to series 22 XXX	to Q0				1					1			1
Suppressor diode as of series 23 XXX	to Q0, Q4				2					2			2
Main contactor	Q1				1					1			1
Auxiliary contact	to Q1				1					1			1
Contact nozzle-workpiece	Q2	1	1	1	1	1	1	1	1	1	1	1	1
Auxiliary contact	to Q2	1	1	1	1	1	1	1	1	1	1	1	1
Coolant pump	M16							1					1
Fan inverter	M1-M6					6						6	
Fan LP A2 Inverter	T1-2: M1					2						2	
Fan LP A3 Inverter	T1-2: M2					2						2	
Fan head exchanger	M13-M15					3						3	
Fan PCB's	M17					1						1	
Filter mat	to M17	3	3	3	3	3	3	3	3	3	3	3	3
DC link capacitor	T1-2: C1-2							4					4