

3330-3130 Illustrated Parts Document

Supply Unit 3130/3330 IP32/IP54 (Fig. 1) and IP65 (Fig. 2)

Part Number	Part Number	Pos No. 3130	Pos No. 3330	Description	Notes
VTI	ALLTEC	FIG 1	FIG 2		
AL-74665	AL-74665	1	1	Keyswitch Assy	Keyswitch Assembly
AL-72339	AL-72339	NA	2	Fan	Fan on top of SLEB/ACC-3 board (used in 3330 IP32/54 only)
AL-SP70831	AL-SP70831	3	3	System Database Chip	System Database chip
AL-SP68880	AL-SP68880	4	4	MMC card	MMC card with Qmark x.x.x
AL-SP67676	AL-SP67676	5	5	ACC-3 Board	ACC-3 Board Assy
AL-SP68515	AL-SP68515	6	6	Relay, Push-On Connector	Relay
AL-SP68516	AL-SP68516	7	7	Power Supply, 100W/27V	100 Watt power supply
AL-74454	AL-74454	NA	8	Power Supply , XP650	650 Watt Power Supply (used in 3330 only)
AL-SP93066	AL-SP93066	8	NA	Power Supply, 320W/27V	320 Watt Power Supply for 10 Watt Laser
AL-74530	AL-74530	NA	9	BIMETAL ASSEMBLY, SL302	Temperature Sensor (Used in 3330 only)
AL-74684	AL-74684	10	NA	FAN,60 MM,READY TO MOUNT	Cabinet Fan used in 3130 only
AL-74982	AL-74982	NA	10	FAN,60 MM,HIGH FLOW	Cabinet Fan used in 3330 only
AL-SP74663	AL-74663	11	11	Keypad, Laser Controller Membrane	Membrane Keypad
AL-70013	AL-70013	12	12	Switch, Mains, Rocker	Rocker Switch
AL-70015	AL-70015	13	13	Cover, IEC Mains Connector, Assy	IEC Mains cover
AL-75215	AL-75215			Fuse Slo Blo T10-250V (part of kit AL-75215)	Fuse Slo Blo T10-250V (220100 part of kit AL-75215)
AL-69881	AL-69881	14	14	IEC, Inlet Fused	IEC inlet
AL-69064	AL-69048	15	15	FAN GUARD W/FILTER	Fan Guard (used on IP32/54 laser units only)
AL-SP74765	AL-SP74765	16	16	3 Meter Umbilical	Umbilical, field upgrade 3M
AL-SP74767	AL-SP74767			5 Meter Umbilical	Umbilical, field upgrade 5M
AL-SP74769	AL-SP74769			10 Meter Umbilical	Umbilical, field upgrade 5M

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Part Number	Part Number	Pos No. 3130	Pos No. 3330	Description	Notes
VTI	ALLTEC	Fig. 1	Fig. 2		
AL-75210	AL-75210	17	17	14mm Blanking plug	14mm Blanking plug (Part of kit 378964)
AL-74673	AL-74673	18	18	K30 Interlock Internal Harness	K30 Internal Harness
AL-75324	AL-75324	19	19	Kit, K30 Field Install	K30 Upgrade kit Assembly
AL-71794	AL-71794	20	20	SLEB Board	Sleb Board
AL-SP74674	AL-74674	21	21	Harness RS232 & Job Select	Internal Harness, Sleb board to RS232 port and 14 pin DIN connector
AL-74477	AL-744773	22	22	RS232 Cover	RS232 Cover
AL-74683	AL-74683			Plate DB9 cover	DB9 cover to patch hole when no Sleb bd. installed
AL-SP74984	AL-SP74984	23	23	Ethernet Port Adaptor for SLEB/IOEB	Sleb/IOEB Ethernet Internal Harness
AL-75146	AL-75146	24	24	Kit, SLEB Field Upgrade	Sleb Upgrade Kit
378964	AL-75209	25	25	18 mm Blanking Plug	18 mm Blanking Plug (Part of kit 378964)
AL-74975	AL-74975	26	26	Ferrite Core Snap On for Umbilical	Ferrite Core Snap On for Umbilical
AL-74698	AL-74698	27	27	Plug Blanking, D=28mm	Plug Blanking, D=28mm
AL-SP62408	AL-SP62408	28	28	Battery, Backup	Battery
AL-74731	AL-74731	30	30	POWER CORD, IEC, UK, 4.5M	
AL-74732	AL-74732			POWER CORD, IEC, FREE END, 4.5M	
AL-74733	AL-74733			POWER CORD, IEC, JAPANESE, 4.5M	
AL-74669	AL-74669			Harness, Rear Panel	Internal Harness, ACC-3 to 25Pin Bulgin Connector CI, Encoder & Prod Sensor
AL-74672	AL-74672			Harness, Standard Interlock	Internal Harness, ACC-3 to Standard Interlock 12 pin DIN connector
AL-SP74671	AL-74671			Harness, Front Panel	Internal Harness, ACC-3 to key switch and Front Panel keypad
AL-74676	AL-74676			Harness, User Interface	Internal Harness, ACC-3 to G55 port 8 pin DIN connector

Marking Unit 3130 (Fig. 3)

Part Number	Part Number	Pos No.	Description	Notes
VTI	ALLTEC	Fig. 3		
AL-SP69840	AL-SP69840	1	Tube, Laser Aligned 10W 10.6	
AL-SP69836	AL-SP69836		Tube, Laser Aligned 10W 9.3	
AL-SP70104	AL-SP70104	2	PCB, Series 48 Interface	
AL-68958	AL-68958	3	Hose Silicone, DI-30, L=50	
AL-SP69834	AL-SP69834	4	Beam Expander V=1.5	for SHC60
AL-SP69273	AL-SP69273		Beam Expander V=2.3	for SHC100
AL-SP68936	AL-SP68936		Beam Expander V=3.0	for SHC120
AL-68969	AL-68969	5	Fan 80mm Ready to Mount	
AL-SP69885	AL-SP69885	6	FM Board	for SHC60, all IP version
AL-74770	AL-74770		Umbilical Harness Laser	
AL-SP68519	AL-SP68519		CABLE,MARKING HEAD,PRE-ASSY,TYPE A	For SHC60 standard 90 degree shooter and no BUS or BTU
AL-SP68591	AL-SP68591		CABLE,MARKING HEAD,PRE-ASSY,TYPE A,L=190MM	For SHC60 straight shooter or w/ BUS
AL-SP69975	AL-SP69975		CABLE,MARKING HEAD,PRE-ASSY,TYPE A,L=350MM	For SHC60 w/ 200mm BTU
AL-SP69976	AL-SP69976		CABLE,MARKING HEAD,PRE-ASSY,TYPE A,L=450MM	For SHC60 w/ 300mm BTU
AL-SP70261	AL-SP70261		CABLE,MARKING HEAD,PRE-ASSY,TYPE B	For SHC100/120 90 degree or straight shooter and no BUS or BTU
AL-SP70267	AL-SP70267		CABLE,MARKING HEAD,PRE-ASSY,TYPE B,L=160MM	For SHC100/120 w/ BUS
AL-SP70262	AL-SP70262		CABLE,MARKING HEAD,PRE-ASSY,TYPE B,L=220MM	For SHC100/120 w/ 200mm or below BTU
AL-SP70263	AL-SP70263		CABLE,MARKING HEAD,PRE-ASSY,TYPE B,L=320MM	For SHC100/120 w/ 300mm BTU

Marking Unit 3330 (Fig, 4)

Part Number	Part Number	Pos No.	Description	Notes
VTI	ALLTEC	Fig. 4		
AL-SP69003	AL-SP69003	1	TUBE,LASER,ALIGNED,30 W,10.6 µm	
AL-SP68870	AL-SP68870		TUBE,LASER,ALIGNED,30 W,9.3 µm	
AL-SP74184	AL-SP74184		Laser Tube assembly 10.2um for VJ3320/LC300, new	
AL-69068	AL-69068	2	KIT,FAN CONTROLLER,3320/LC300	
AL-69710	AL-69710	3	FAN,120 MM,READY TO MOUNT 3320 laser cooling fan	
AL-68958	AL-68958	4	Hose Silicone, DI-30, L=50	
AL-SP69696	AL-SP69696	5	Beam Expander V=1.0	For SHC60 Only
AL-SP68913	AL-SP68913		Beam Expander V=2.0	For SHC60 Only
AL-SP68936	AL-SP68936		Beam Expander V=3.0	For SHC100 Only
AL-SP68937	AL-SP68937		Beam Expander V=3.6	For SHC120 Only
AL-SP68956	AL-SP68956	6	FM Board	For IP32/54 Only
AL-SP69102	AL-SP69102		FM Board	For IP65 Only
AL-74770	AL-74770		Umbilical Harness	
AL-SP68519	AL-SP68519		CABLE,MARKING HEAD,PRE-ASSY,TYPE A	For SHC60 standard 90 degree shooter and no BUS or BTU
AL-SP68591	AL-SP68591		CABLE,MARKING HEAD,PRE-ASSY,TYPE A,L=190MM	For SHC60 straight shooter or w/ BUS
AL-SP69975	AL-SP69975		CABLE,MARKING HEAD,PRE-ASSY,TYPE A,L=350MM	For SHC60 w/ 200mm BTU
AL-SP69976	AL-SP69976		CABLE,MARKING HEAD,PRE-ASSY,TYPE A,L=450MM	For SHC60 w/ 300mm BTU
AL-SP70261	AL-SP70261		CABLE,MARKING HEAD,PRE-ASSY,TYPE B	For SHC100/120 90 degree or straight shooter and no BUS or BTU

AL-SP70267	AL-SP70267		CABLE,MARKING HEAD,PRE-ASSY,TYPE B,L=160MM	For SHC100/120 w/ BUS
AL-SP70262	AL-SP70262		CABLE,MARKING HEAD,PRE-ASSY,TYPE B,L=220MM	For SHC100/120 w/ 200mm or below BTU
AL-SP70263	AL-SP70263		CABLE,MARKING HEAD,PRE-ASSY,TYPE B,L=320MM	For SHC100/120 w/ 300mm BTU

Marking Head SHC60 and SHC100/120 (Fig. 5)

Part Number	Part Number	Pos No.	Description	Notes
VTI	ALLTEC	Fig. 5		
AL-SP68921		1	X-Mirror, 6mm w. Galvo	For SHC60 only
AL-SP68922		2	Y-Mirror, 6mm w. Galvo	For SHC60 only
AL-68908		3	Mirror, Si, D=15.9mm,S=1.5	Turning mirror inside the Marking Head for SHC60 straight shooter only
AL-SP62101		4	LED, 24v, Red	
AL-68948		5	Mirror, Si, CO2, D=19.1mm, S=3.1mm	Turning mirror inside the Marking Head for SHC100/120 straight shooter only
AL-SP68940		6	Pilot Laser	Inside Marking Head
AL-74701		7	O-Ring, 103X2, NBR, 70 SHORE [ROHS]	
AL-62513		8	O-Ring, 15X2.5, NBR, 70 SHORE [ROHS]	
AL-68954		9	O-Ring, 30X2, NBR, 70 SHORE [ROHS]	
AL-93519		10	O-Ring, 37X2, NBR, 70 SHORE [ROHS]	
AL-10464		11	O-Ring, 16X2, NBR, 55 SHORE [ROHS]	
AL-03352		12	O-Ring, 72X2, NBR, 75 SHORE [ROHS]	
AL-62355		13	O-Ring, 47X2, NBR, 70 SHORE [ROHS]	
AL-74706		14	O-Ring, 140X2, NBR, 70 SHORE [ROHS]	
AL-SP69685	AL-SP69685	15	Lens, FL=63.5mm (2.5") , D=38.1mm	Lens only - For SHC60 only

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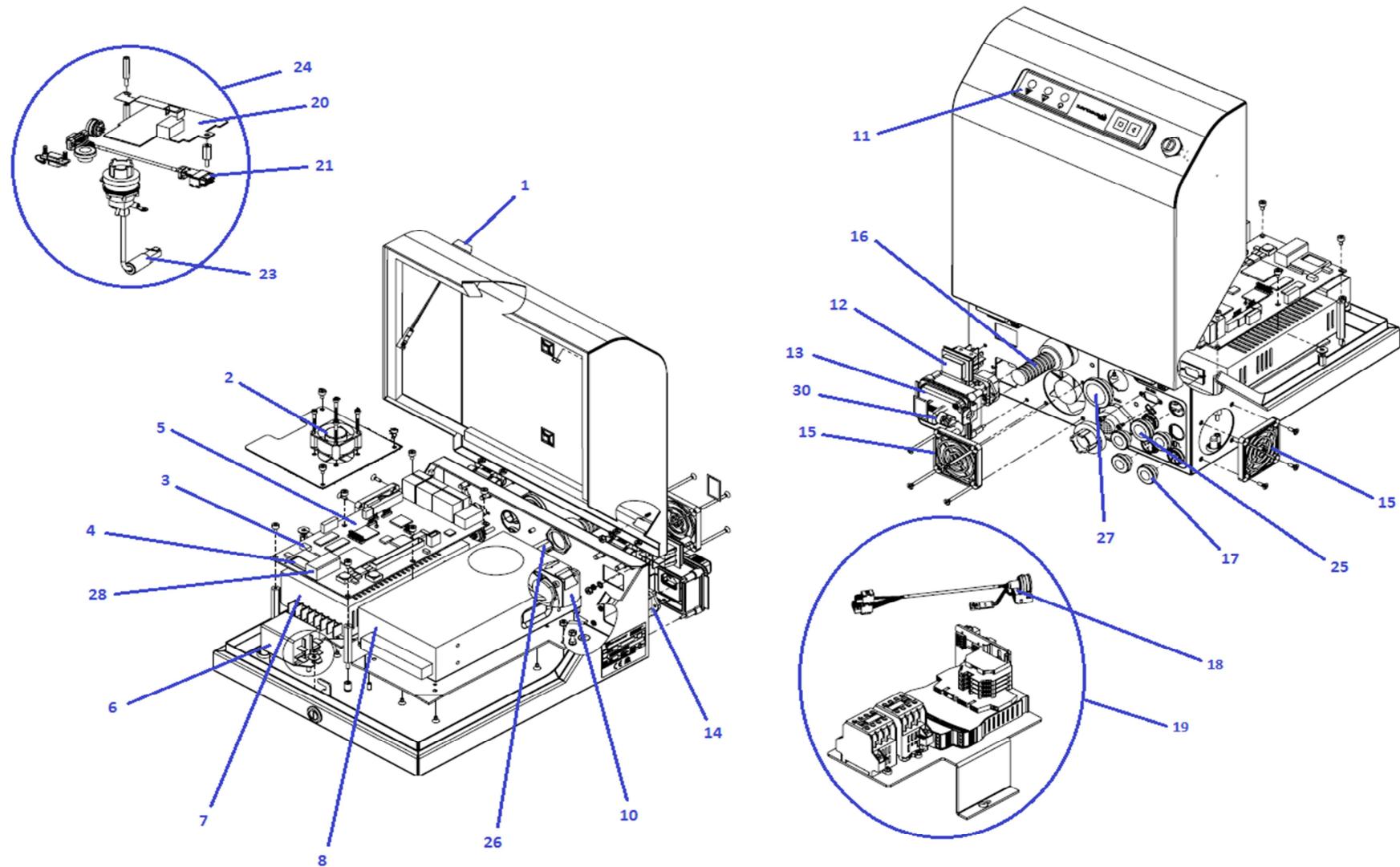
AL-SP69686	AL-SP69686		Lens, FL=92.25mm (3.75") , D=38.1mm	Lens only - For SHC60 only
AL-SP69687	AL-SP69687		Lens, FL=127mm (5.0") , D=38.1mm	Lens only - For SHC60 only
AL-SP69688	AL-SP69688		Lens, FL=190.5mm (7.5") , D=38.1mm	Lens only - For SHC60 only
AL-SP69689	AL-SP69689		Lens, FL=254mm (10.0") , D=38.1mm	Lens only - For SHC60 only
AL-74849	AL-74849	16	FOCUSFINDER, SMALL, F=64MM	For SHC60 only
AL-74850	AL-74850		FOCUSFINDER, SMALL, F=95MM	For SHC60 only
AL-74851	AL-74851		FOCUSFINDER, SMALL, F=127MM	For SHC60 only
AL-74852	AL-74852		FOCUSFINDER, SMALL, F=190MM	For SHC60 only
AL-74853	AL-74853		FOCUSFINDER, SMALL, F=254MM	For SHC60 only
AL-SP62418	AL-SP62418	17	Focusing lens, men. D=48mm f=100mm ZnSe	Lens only - For SHC100/120
AL-SP63131	AL-SP63131		Focusing lens, men. D=48mm f=150mm ZnSe	Lens only - For SHC100/120
AL-SP62009	AL-SP62009		Focusing lens, men. D=48mm f=200mm ZnSe	Lens only - For SHC100/120
AL-SP62419	AL-SP62419		Focusing lens, men. D=48mm f=300mm ZnSe	Lens only - For SHC100/120
AL-SP63605	AL-SP63605		Focusing lens, men. D=48mm f=351mm ZnSe	Lens only - For SHC100/120
AL-SP63143	AL-SP63143		Focusing lens, men. D=48mm f=400mm ZnSe	Lens only - For SHC100/120
AL-74854	AL-74854	18	FOCUSFINDER, LARGE, F=100MM	For SHC100/120 Only
AL-74855	AL-74855		FOCUSFINDER, LARGE, F=150MM	For SHC100/120 Only
AL-74856	AL-74856		FOCUSFINDER, LARGE, F=200MM	For SHC100/120 Only
AL-74857	AL-74857		FOCUSFINDER, LARGE, F=300MM	For SHC100/120 Only
AL-74858	AL-74858		FOCUSFINDER, LARGE, F=351MM	For SHC100/120 Only
AL-74859	AL-74859		FOCUSFINDER, LARGE, F=400MM	For SHC100/120 Only
AL-SP70317	AL-SP70317	19	BLOCK,GALVO,X/Y-MIRROR W. GALVO,FM BOARD,SHC100,30W	For 3320/3330, IP32/54 only
AL-SP70319	AL-SP70319		BLOCK,GALVO,X/Y-MIRROR W. GALVO,FM BOARD,SHC120,30W	For 3320/3330, IP32/54 only

AL-SP69098	AL-SP69098		BLOCK,GALVO,X/Y-MIRROR W. GALVO,FM BOARD,SHC100,30W	For 3320/3330, IP65 only
AL-SP69099	AL-SP69099		BLOCK,GALVO,X/Y-MIRROR W. GALVO,FM BOARD,SHC120,30W	For 3320/3330, IP65 only
AL-SP70316	AL-SP70316		BLOCK,GALVO,X/Y-MIRROR W. GALVO,FM BOARD,SHC100,10W	for 3120/3130, all IP versions
AL-SP70318	AL-SP70318		BLOCK,GALVO,X/Y-MIRROR W. GALVO,FM BOARD,SHC120,10W	for 3120/3130, all IP versions
AL-SP68519	AL-SP68519		CABLE,MARKING HEAD,PRE-ASSY,TYPE A	For SHC60 standard 90 degree shooter and no BUS or BTU
AL-SP68591	AL-SP68591		CABLE,MARKING HEAD,PRE-ASSY,TYPE A,L=190MM	For SHC60 straight shooter or w/ BUS
AL-SP69975	AL-SP69975		CABLE,MARKING HEAD,PRE-ASSY,TYPE A,L=350MM	For SHC60 w/ 200mm BTU
AL-SP69976	AL-SP69976		CABLE,MARKING HEAD,PRE-ASSY,TYPE A,L=450MM	For SHC60 w/ 300mm BTU
AL-SP70261	AL-SP70261		CABLE,MARKING HEAD,PRE-ASSY,TYPE B	For SHC100/120 90 degree or straight shooter and no BUS or BTU
AL-SP70267	AL-SP70267		CABLE,MARKING HEAD,PRE-ASSY,TYPE B,L=160MM	For SHC100/120 w/ BUS
AL-SP70262	AL-SP70262		CABLE,MARKING HEAD,PRE-ASSY,TYPE B,L=220MM	For SHC100/120 w/ 200mm or below BTU
AL-SP70263	AL-SP70263		CABLE,MARKING HEAD,PRE-ASSY,TYPE B,L=320MM	For SHC100/120 w/ 300mm BTU

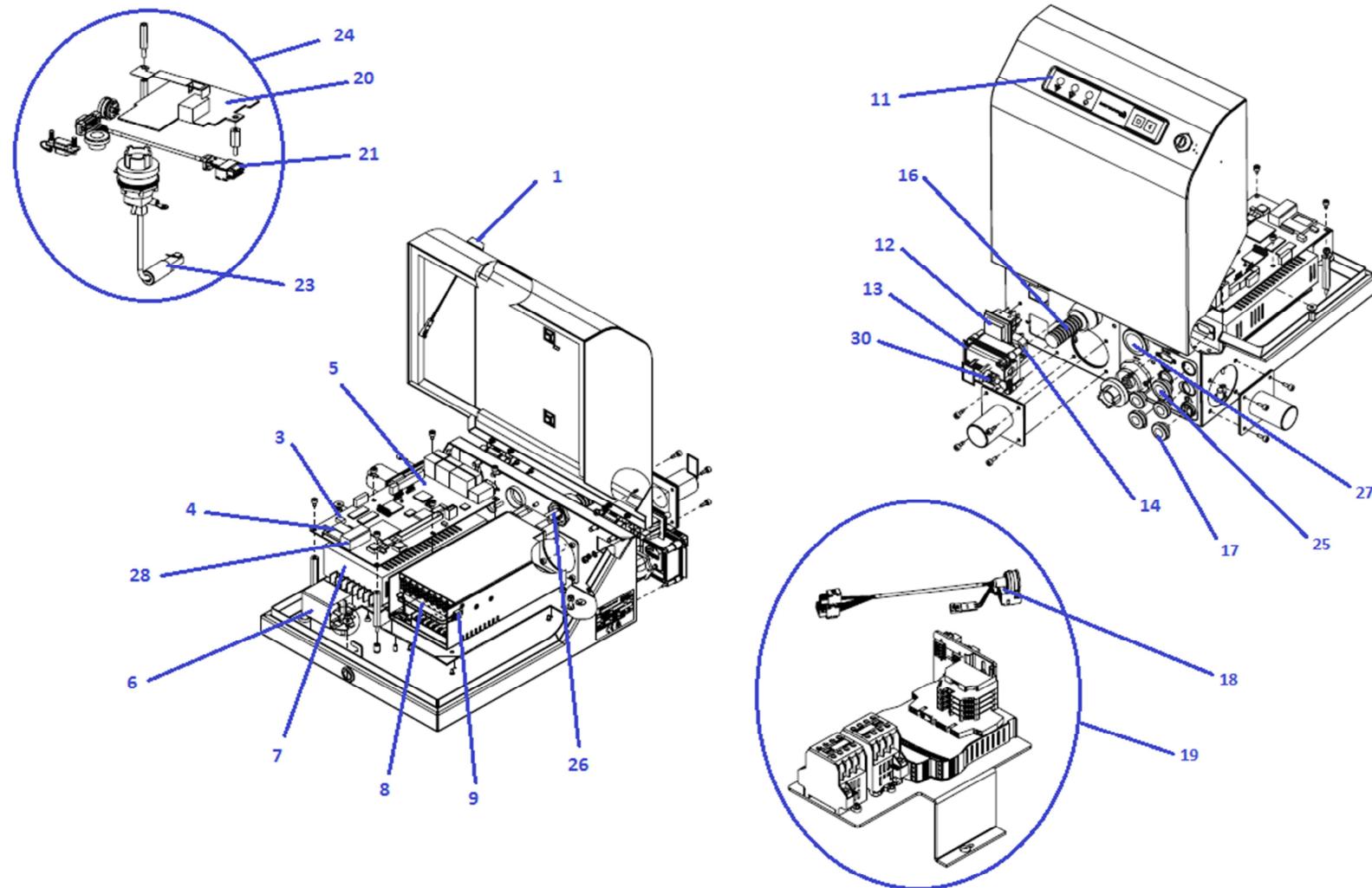
Beam Turning Unit (Fig. 6)

Part Number	Part Number	Pos No.	Description	Notes
VTI	ALLTEC	Fig. 6		
AL-SP68986	AL-SP68986	1	TURNING MIRROR BODY-TYPE B	
AL-SP69245	AL-SP69245	2	TURNING MIRROR BODY-CLAMP	
AL-SP68987	AL-SP68987	3	BUSH,CENTERING,BTU	
AL-SP68988	AL-SP68988	4	DISK,SEALING	
AL-68991	AL-68991	5	PIPE, CONNECTION,L=100 MM,[RoHS]	

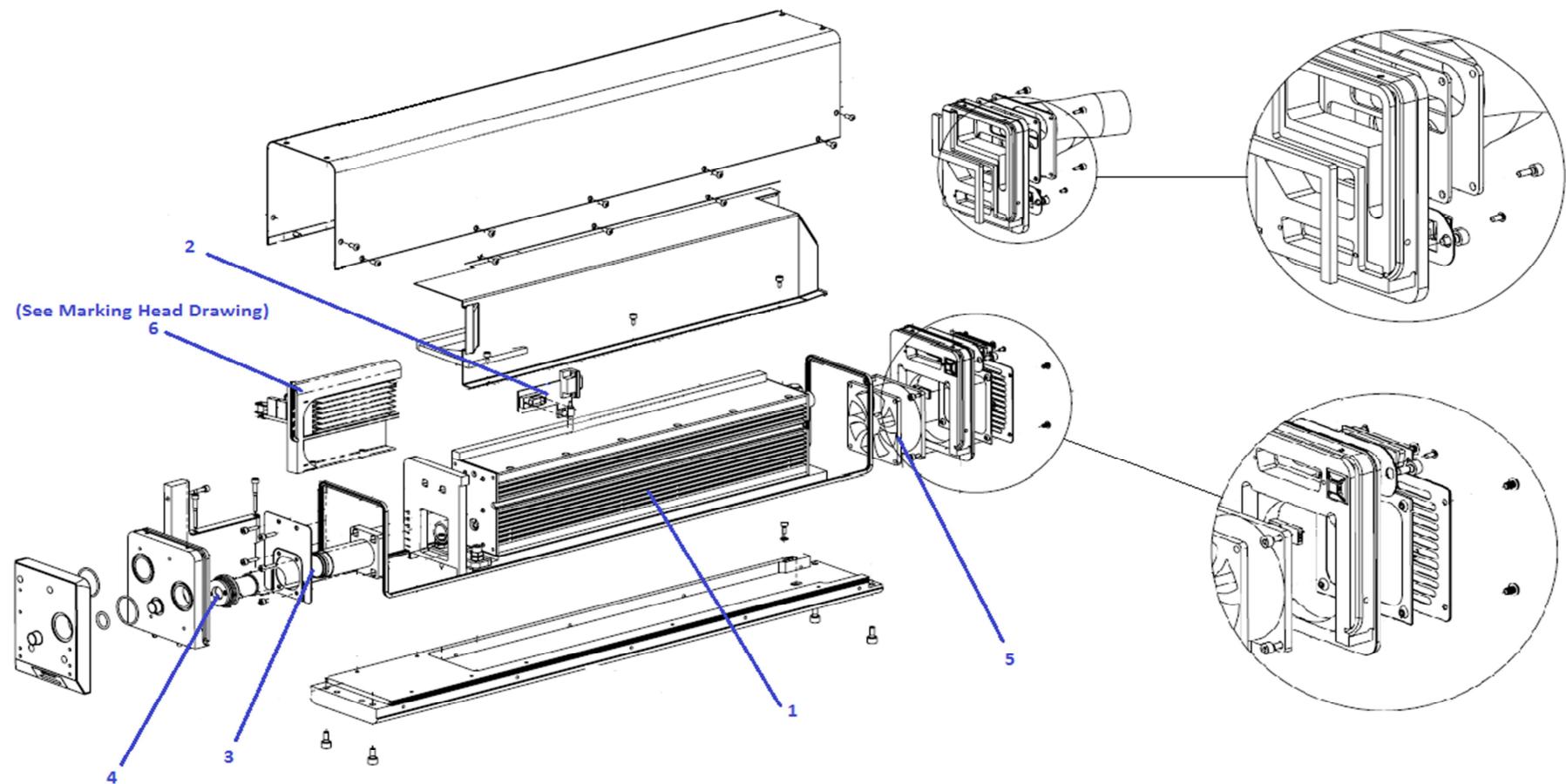
3130_3330 SUPPLY UNIT IP32/IP54 (Fig. 1)



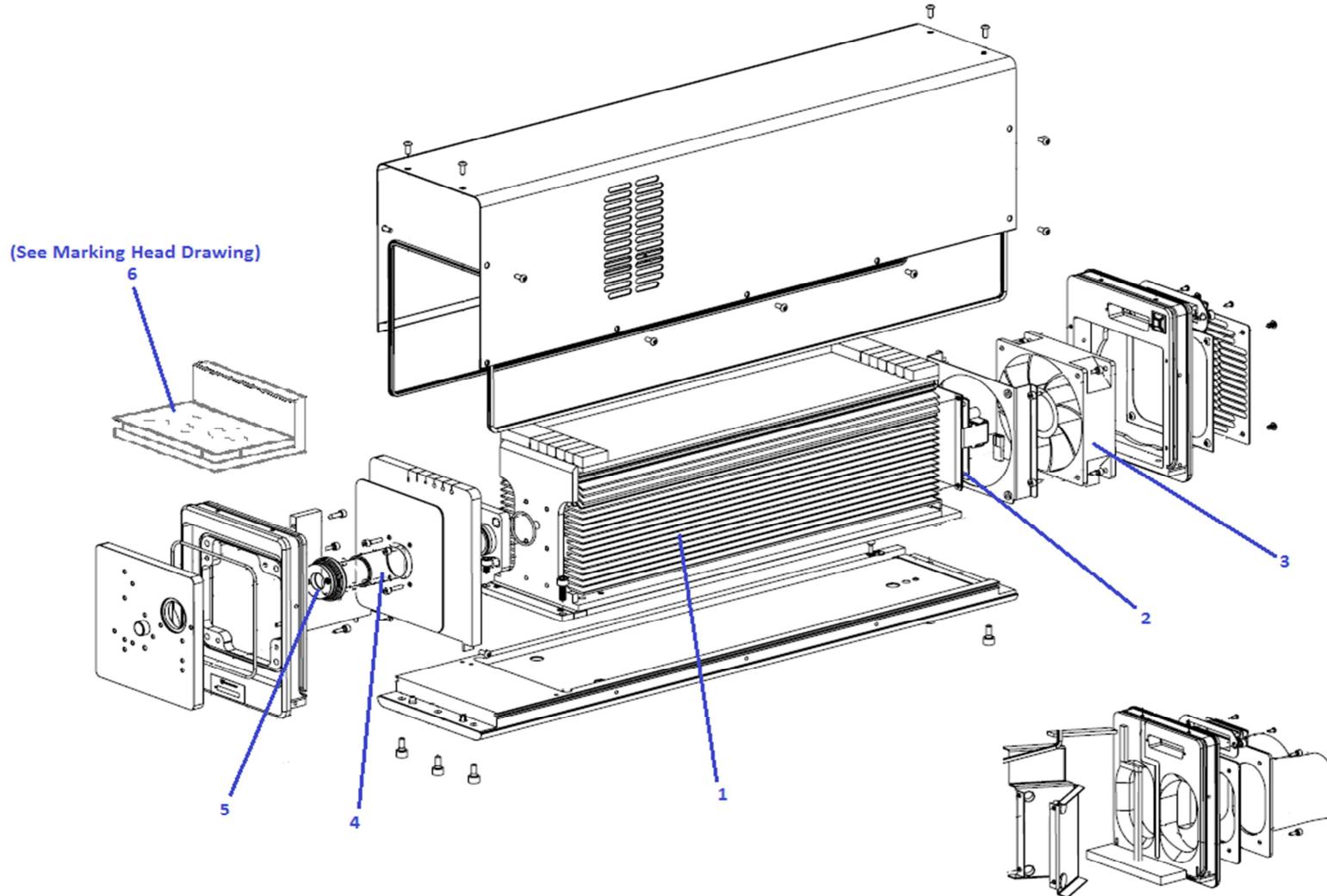
3130_3330 SUPPLY UNIT IP65
(Fig. 2)



3130 MARKING UNIT
(Fig. 3)

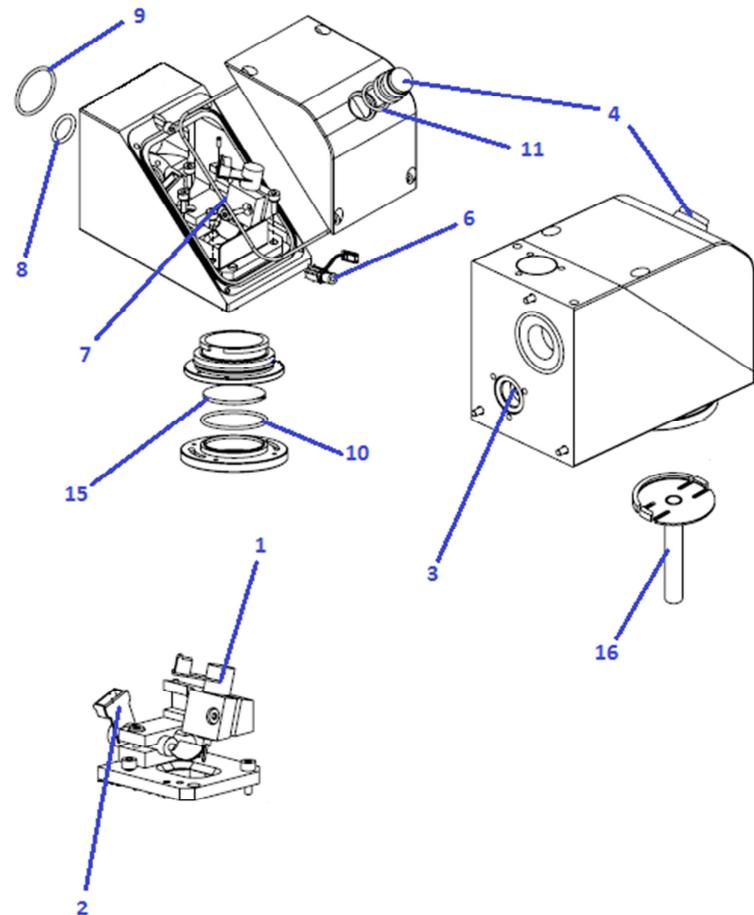


3330 MARKING UNIT
(Fig. 4)

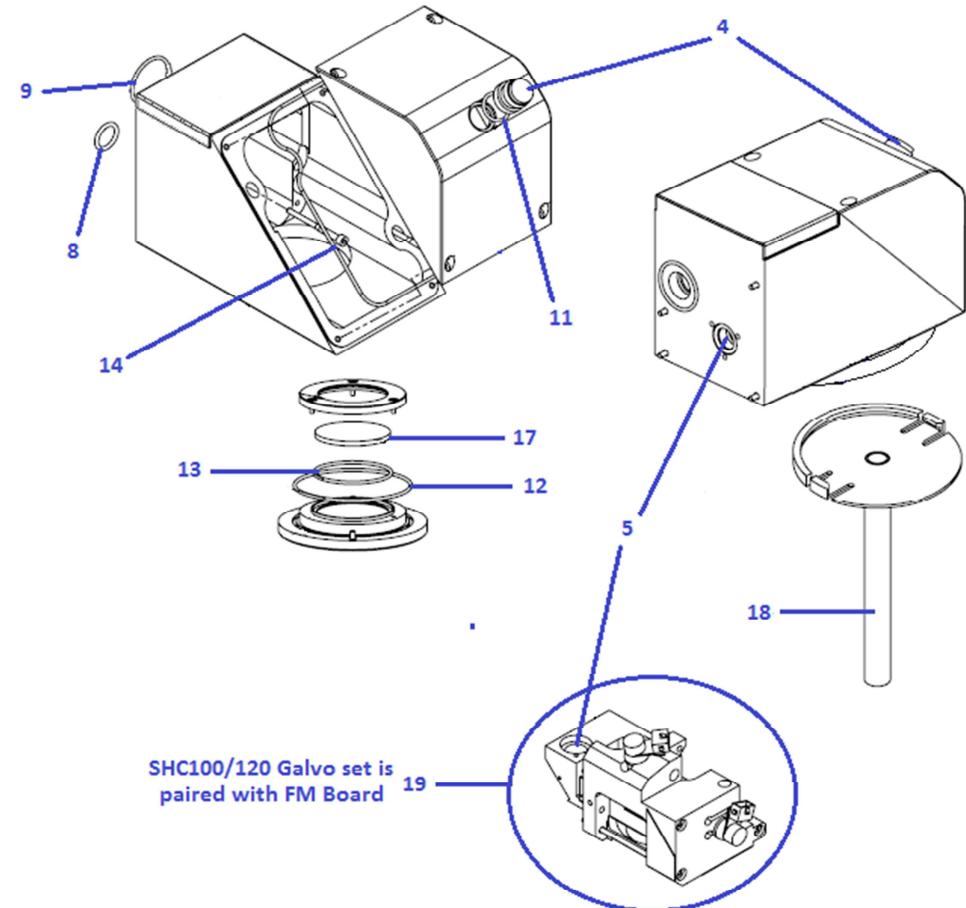


MARKING HEADS (Fig. 5)

SHC60 Marking Head



SHC100/120 Marking Head



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BEAM TURNING UNITS
(Fig. 6)

