

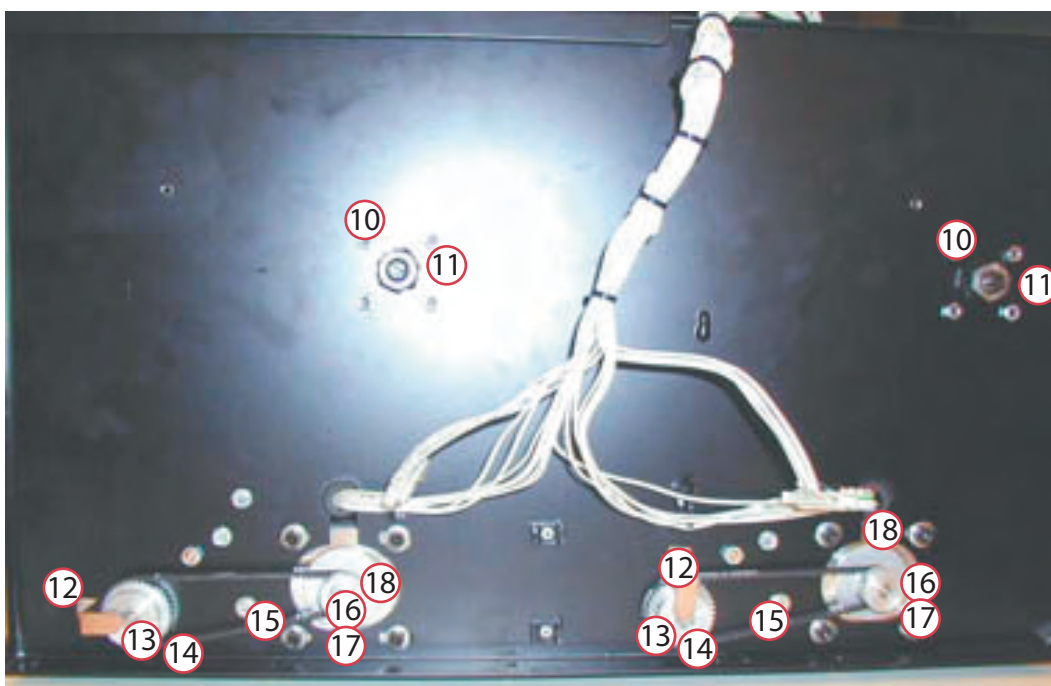
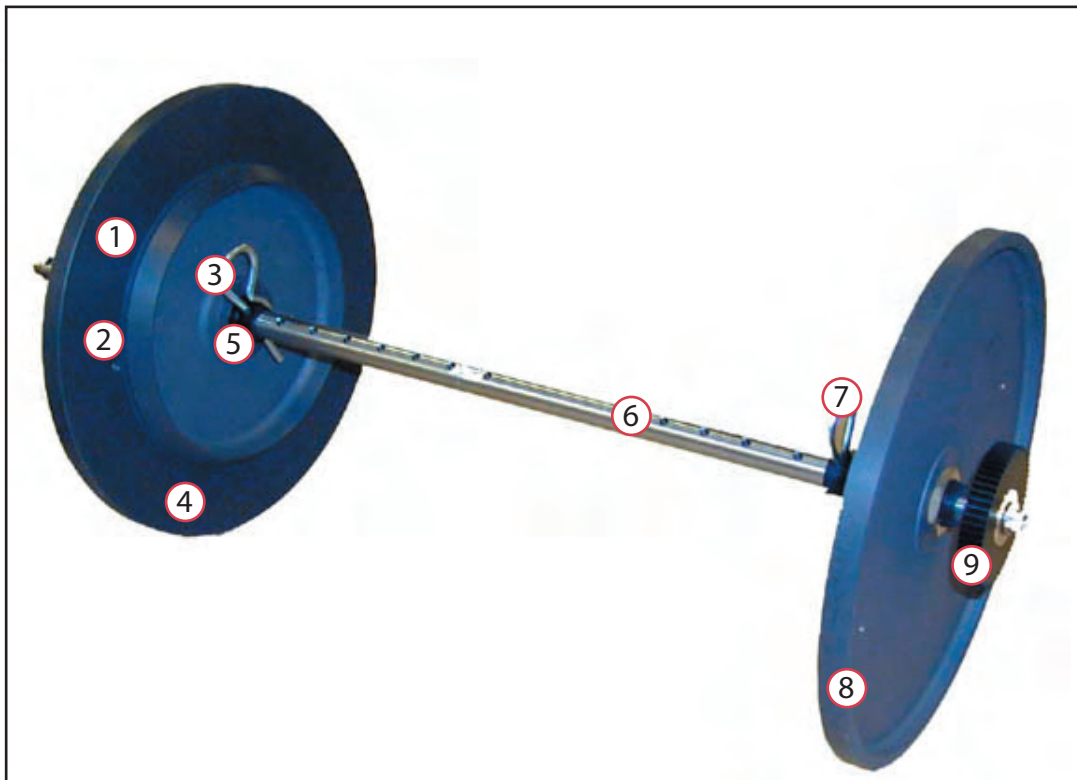
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*Note: Any changes since the last revision will in this section will be highlighted.*

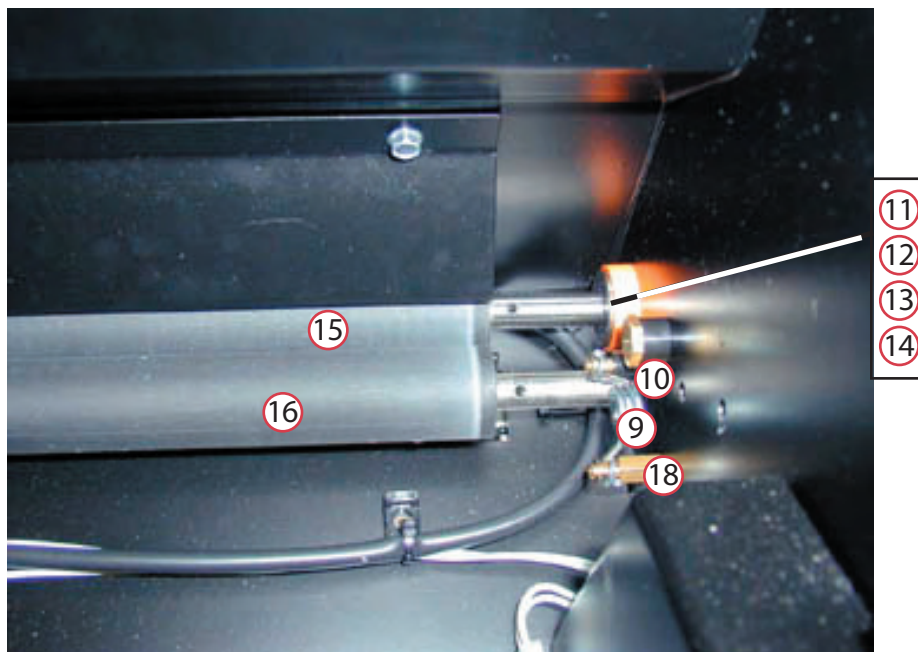
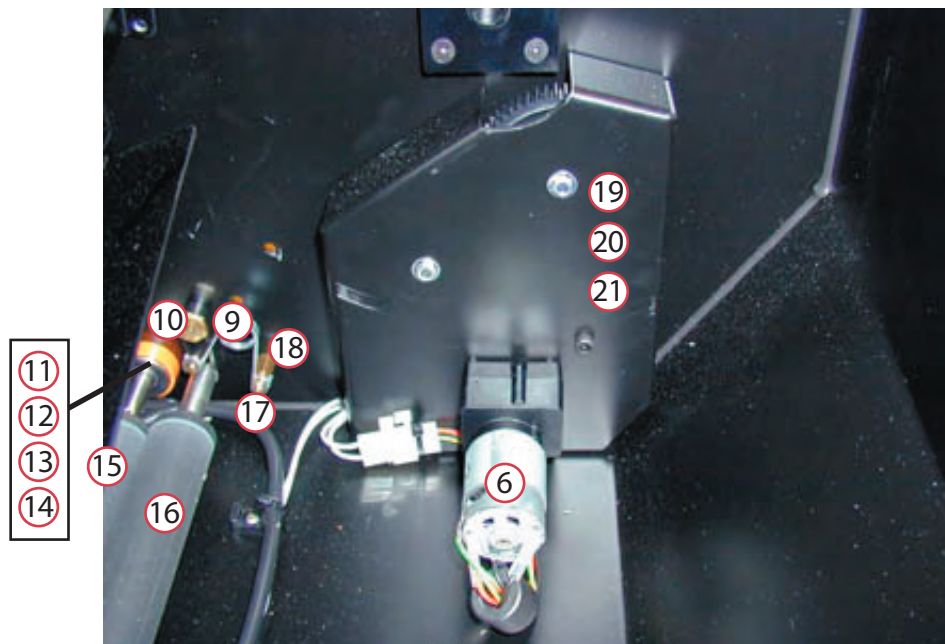
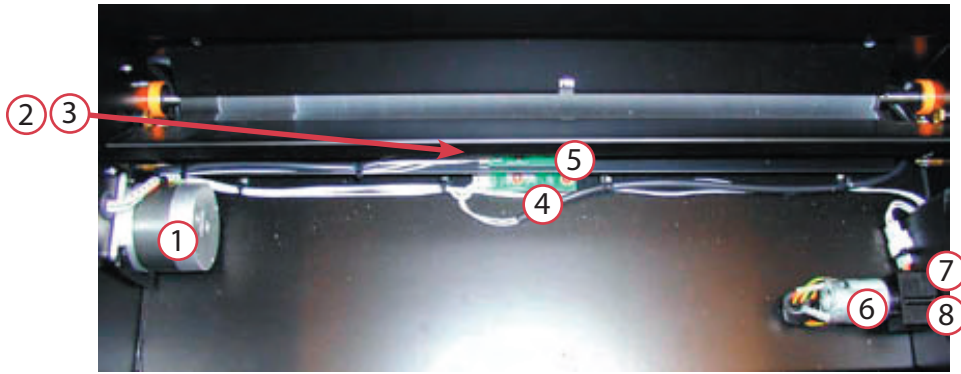
*New: "C" column in sparepart tables indicates consumable parts*

### Magazine (1)



<i>Pos.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Notes</i>	<i>C</i>
01	063-645-000	Thumb screw	(Not shown)	
02	052-052-000	Spike		
03	035-414-000	Spring split		
05	057-807-025	Bushing with threads		
06	054-968-000	Axle for spool shaft		
07	035-414-000	Spring split		
09	018-006-000	Gear		
10	459-715-000	Adjuster for shaft		
11	463-019-024	Locknut for adjuster		
12	035-263-000	Ground clip for pulley		
13	452-105-000	Pulley for belt		
14	462-323-000	Grub screw for pulley		
15	452-110-000	Belt for stepper motor		
16	018-003-000	Belt drive for stepper motor		
17	462-304-000	Grub screw for stepper motor		
18	067-686-070	Stepper motor with plug (M3 & M4)		
	011-624-003	Adjusting Spanner for spool shaft		

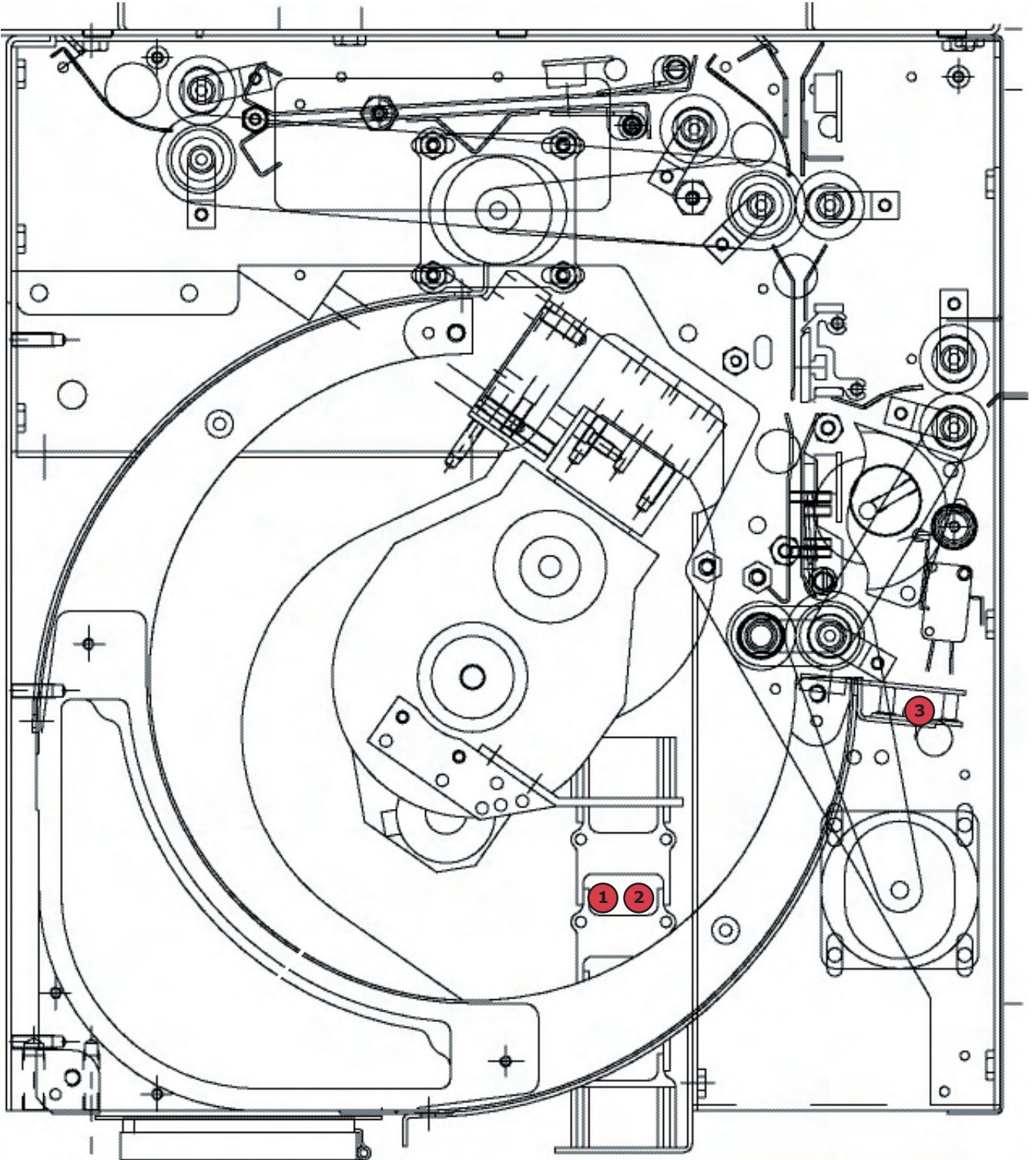
Magazine (2)



<b>Pos.</b>	<b>Part No.</b>	<b>Designation</b>	<b>Notes</b>	<b>C</b>
01	067-686-070	Stepper motor with plug	(M3 & M4)	
02	021-400-003	Guide for loader magazine A		
03	021-399-003	Guide for loader magazine B		
04	212-806-000	<b>Park Sensor</b> <i>Consists of:</i>	(S1 & S2)	
	212-805-000	LED Transmitter		
	296-716-000	Receiver		
05	212-806-000	<b>Empty roll sensor upper and lower</b> <i>Consists of:</i>	(S3 & S4)	
	212-805-000	LED Transmitter		
	296-716-000	Receiver		
06	067-051-000	DC Motor with plug	(M1 & M2)	
07	030-978-000	Gear for DC motor		
08	057-805-000	Hub for DC motor gear		
09	035-232-023	Spring for pressure roller		C
10	043-129-000	Lever for pressure roller		
11	451-009-000	Ball bearing for magazine drive roller		
12	459-067-000	Ball bearing spring		
13	029-898-000	Container for spring		C
14	470-700-000	C-clip for drive roller		
15	022-612-000	Drive roller for magazine		
16	022-611-000	Pressure roller for magazine		C
17	470-300-000	Retainer for spring		
18	011-415-000	Support for spring		
19	030-995-000	Gear for return drive		
20	011-418-000	Axle for return drive gear		
21	470-700-000	C-clip for gear		

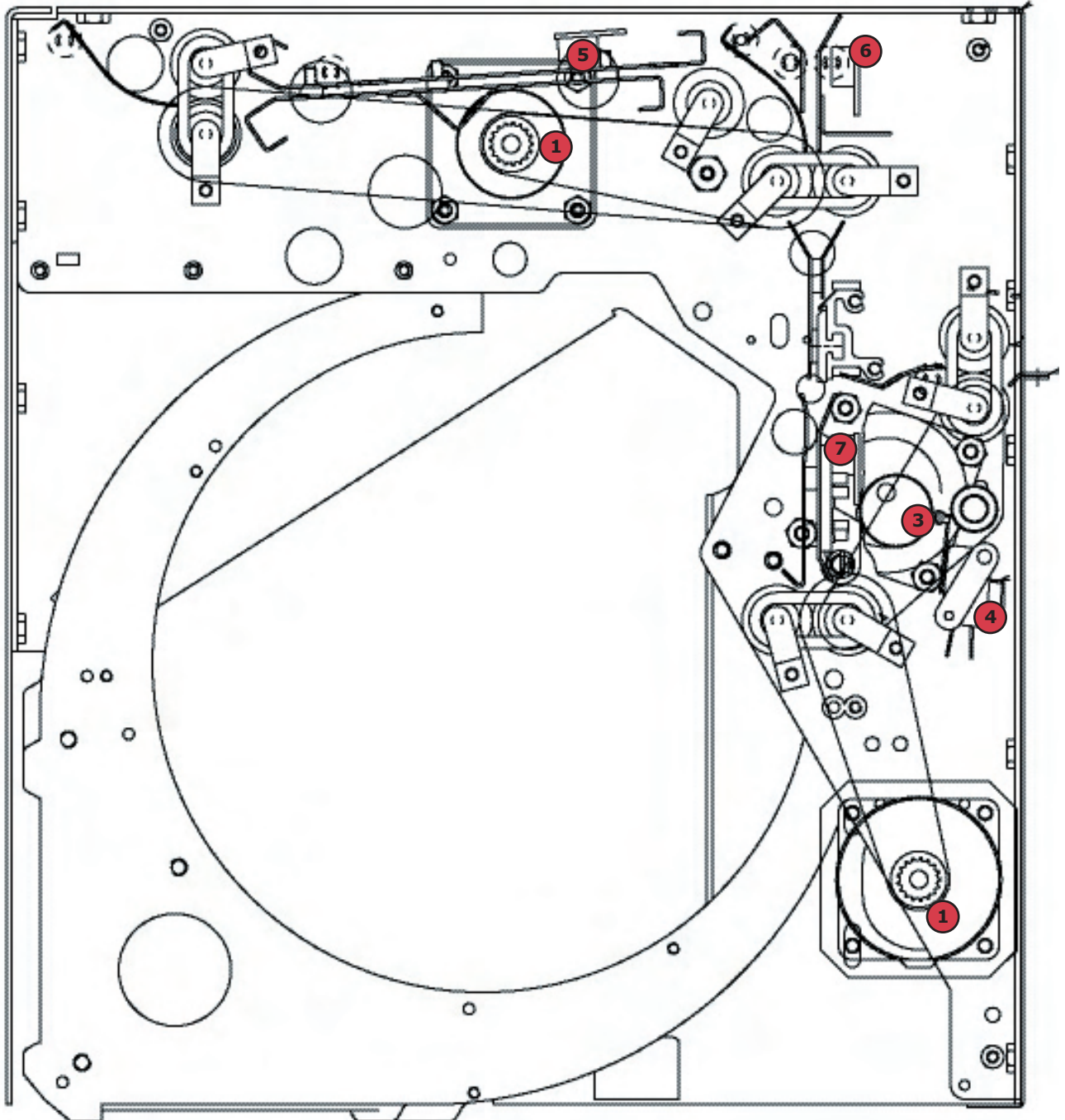


**Cables for carriage/Drum sensor**



<b>Pos.</b>	<b>Part No.</b>	<b>Designation</b>	<b>Notes</b>	<b>C</b>
1	6610228800	Cable for carriage		
2	067-224-000	Coax cable for laserdriver		
3	296-723-000	Drum Sensor (S8)		
	200-992-000	Drum sensor adjustment kit	Read TI. 05	

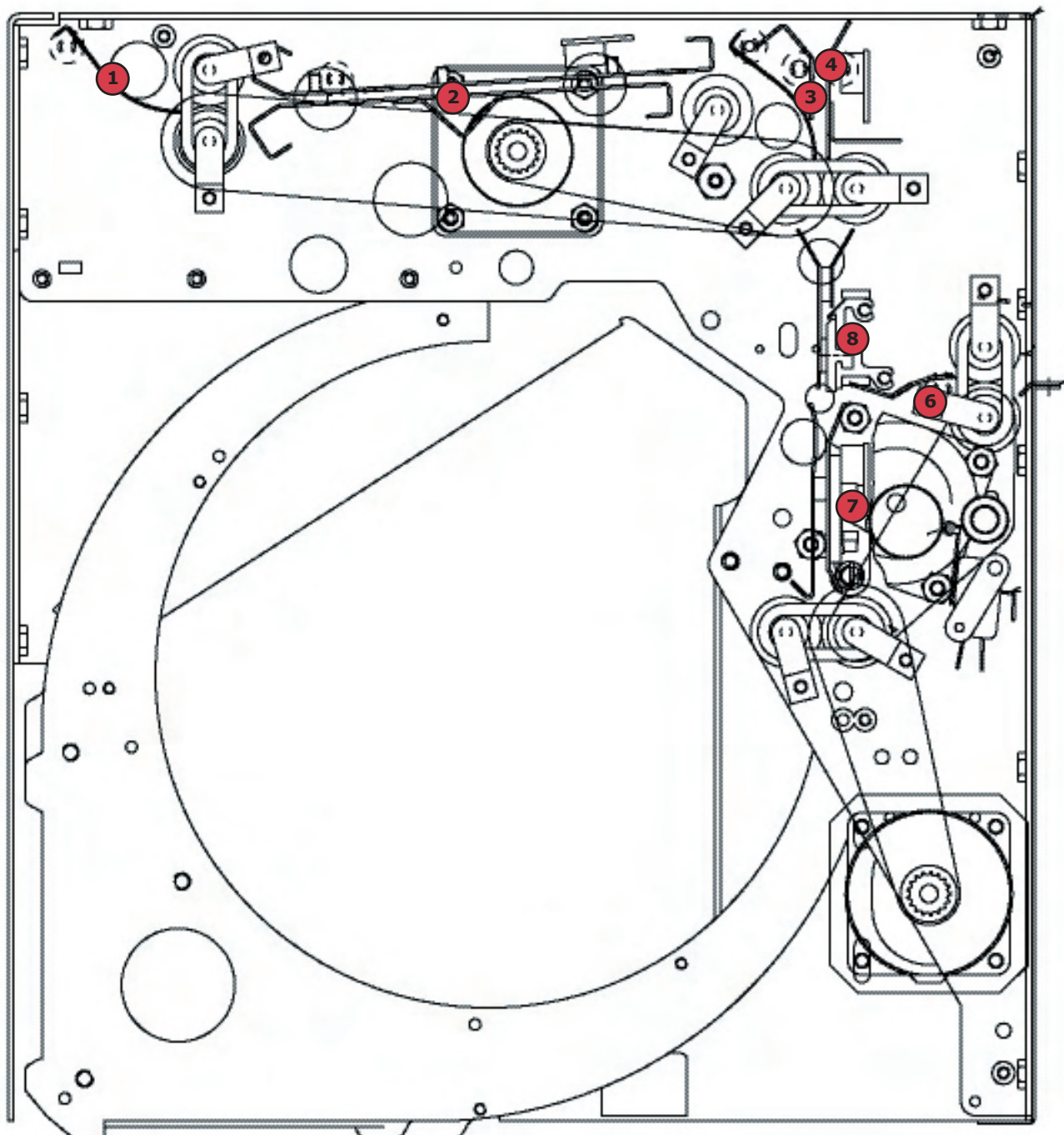
**Motors and Sensors**





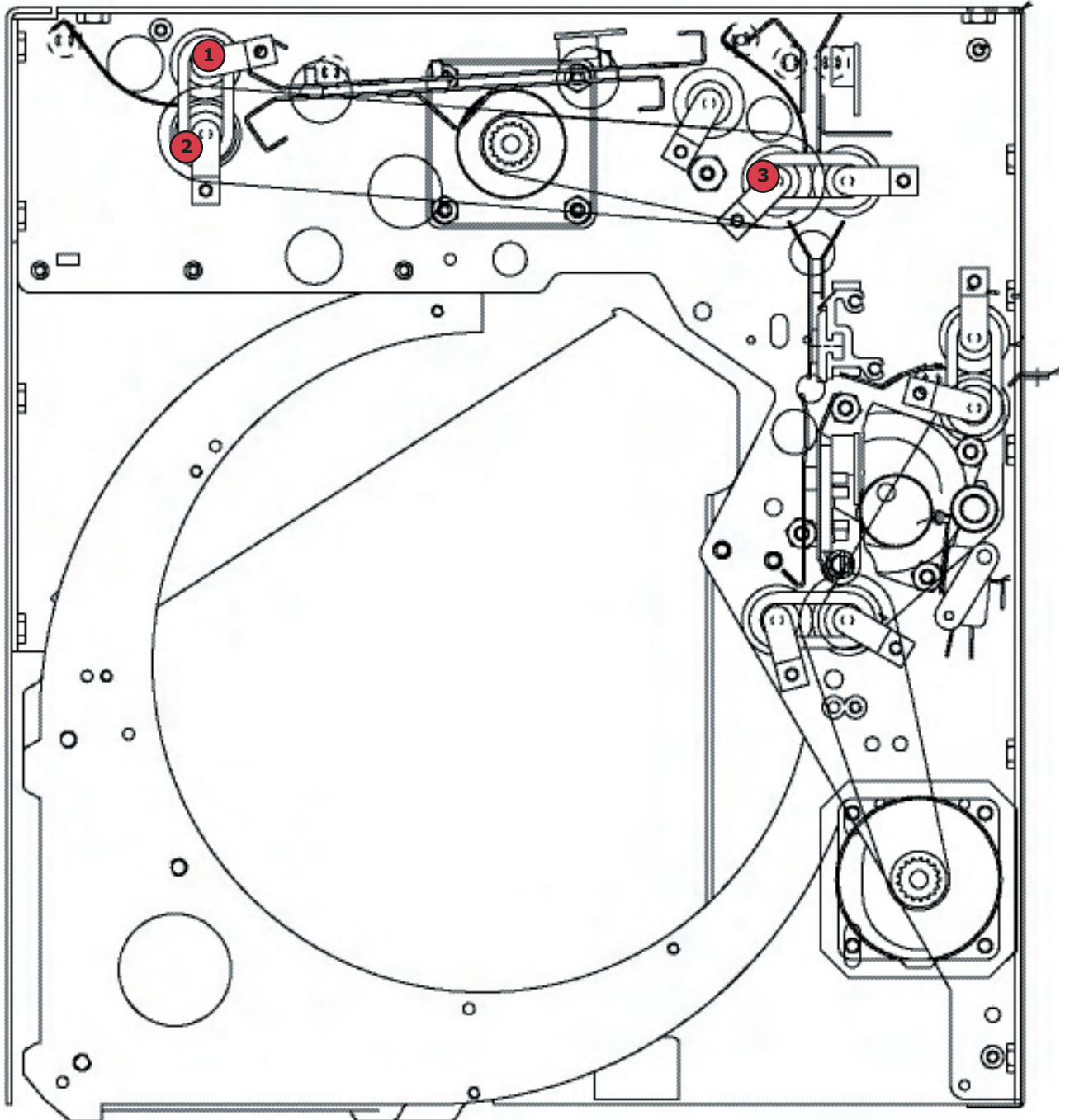
<b>Pos.</b>	<b>Part No.</b>	<b>Designation</b>	<b>Notes</b>	<b>C</b>
01	079-028-000	<b>Stepmotor Assy.</b> <i>Consists of:</i>		
	067-049-045	Stepmotor		
	018-003-000	Pulley Z17		
03	011-436-000	Cam for switchguide		
04	411-160-000	Microswitch for switch guide		
05	296-734-000	Feed Sensor A (S5)		
06	296-734-000	Feed Sensor B (S6)		
07	296-734-000	Jam Sensor (S7)		

**Guides**



<b>Pos.</b>	<b>Part No.</b>	<b>Designation</b>	<b>Notes</b>	<b>C</b>
01	021-411-033	Guide P		
02	021-389-003	Guide Q Upper		
	021-388-033	Guide R Lower		
03	021-391-033	Guide S		
04	021-392-033	Guide T		
06	021-394-033	Guide Z		
07	079-100-000	<b>Switchguide Assy.</b> <i>Consists of:</i>		
	021-396-033	Guide for switchguide		
	048-892-003	Switch guide base		
	035-287-024	Spring for switchguide		
	053-035-000	Axel for switchguide		
	296-734-000	Reflex sensor		
	055-222-000	Bushing Ø6,15 plastic		C
08	079-101-000	<b>Knife guide Assy</b> <i>Consists of:</i>		
	014-010-000	Aluminium profile		
	021-397-033	Silver guide V		
	021-398-003	Black guide W		
	048-893-000	Cutting surface		

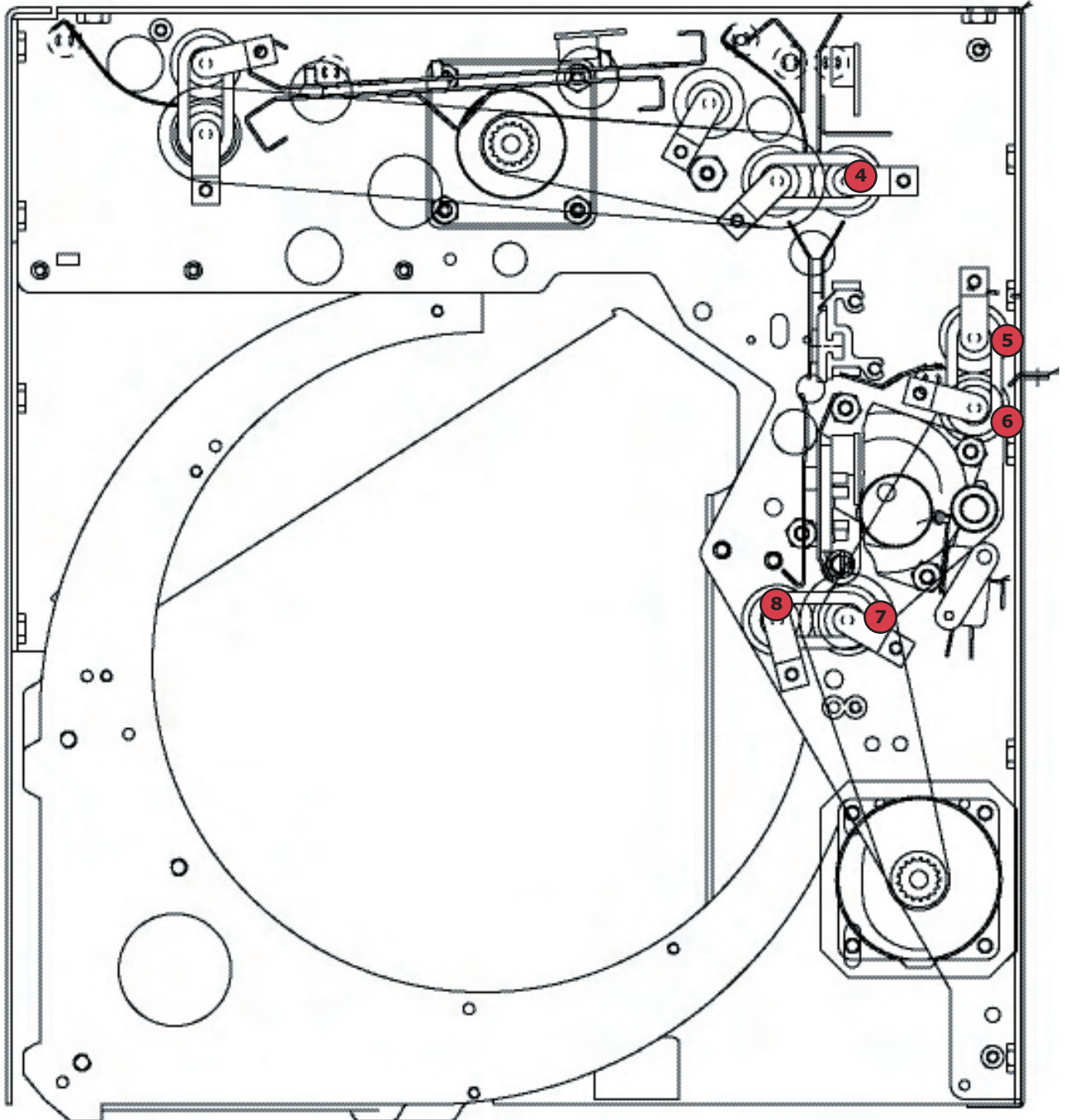
**Rollers (1)**





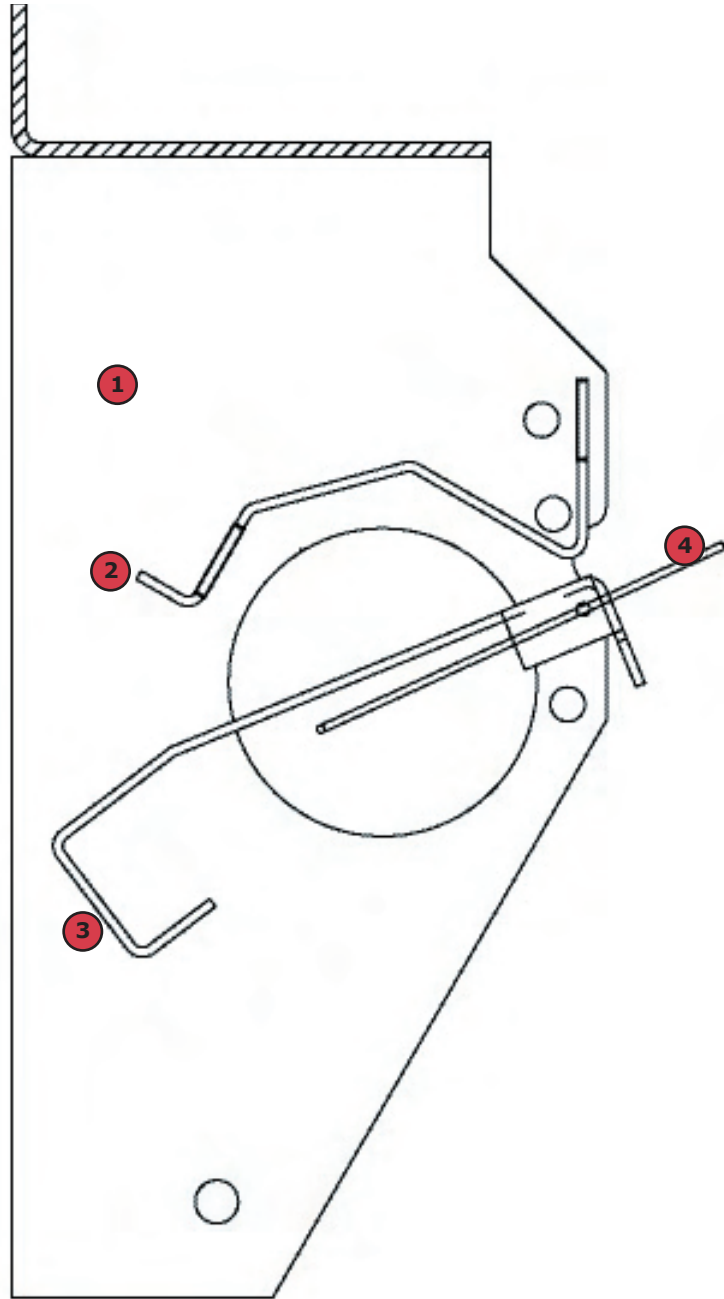
<b>Pos.</b>	<b>Part No.</b>	<b>Designation</b>	<b>Notes</b>	<b>C</b>
01	220-394-000	<b>Pressure roller Assy.</b> <i>Consists of:</i>		C
	022-606-000	Roller		
	035-263-000	Ground clip		
	055-388-000	Plastic spacer with groove		C
	060-070-000	Plastic spacer for spring		
	470-700-000	C-clip		
02	220-393-000	<b>Drive roller assy.</b> <i>Consists of:</i>		C
	022-606-000	Roller		
	030-151-000	Gear		
	035-263-000	Ground clip		
	060-070-000	Plastic spacer for spring		
	452-107-000	Pulley		
	470-700-000	C-clip		
	459-067-000	Orange plastic bearing		
	035-182-000	Spring		C
03	220-393-000	<b>Drive roller assy.</b> <i>Consists of:</i>		C
	022-606-000	Roller		
	030-151-000	Gear		
	035-263-000	Ground clip		
	060-070-000	Plastic spacer for spring		
	452-107-000	Pulley		
	470-700-000	C-clip		
	459-067-000	Orange plastic bearing		
	035-182-000	Spring		C

**Rollers (2)**



<b>Pos.</b>	<b>Part No.</b>	<b>Designation</b>	<b>Notes</b>	<b>C</b>
04	220-394-000	<b>Pressure roller Assy.</b>		C
		<i>Consists of:</i>		
	022-606-000	Roller		
	035-263-000	Ground clip		
	055-388-000	Plastic spacer with groove	C	
	060-070-000	Plastic spacer for spring		
05	220-394-000	<b>Pressure roller Assy.</b>		C
		<i>Consists of:</i>		
	022-606-000	Roller		
	035-263-000	Ground clip		
	055-388-000	Plastic spacer with groove	C	
	060-070-000	Plastic spacer for spring		
06	220-395-000	<b>Drive roller Assy.</b>		C
		<i>Consists of:</i>		
	022-606-000	Roller		
	030-990-000	Pulley		
	035-182-000	Spring		
	035-263-000	Ground clip		
	055-388-000	Plastic spacer with groove	C	
	060-070-000	Plastic spacer for spring		
07	220-396-000	<b>Drive roller assy.</b>		C
		<i>Consists of:</i>		
	022-609-000	Roller		
	030-991-000	Pulley Z28		
	035-182-000	Spring		
	035-263-000	Ground clip		
	451-102-000	One way clutch		
	060-070-000	Plastic spacer for spring		
	452-105-000	Pulley		
470-700-000	C-clip			
08	220-397-000	Pressure roller		C
	022-609-000	Roller		
	035-263-000	Ground clip		
	055-388-000	Plastic spacer with groove	C	
	060-070-000	Plastic spacer for spring		
	470-700-000	C-clip		

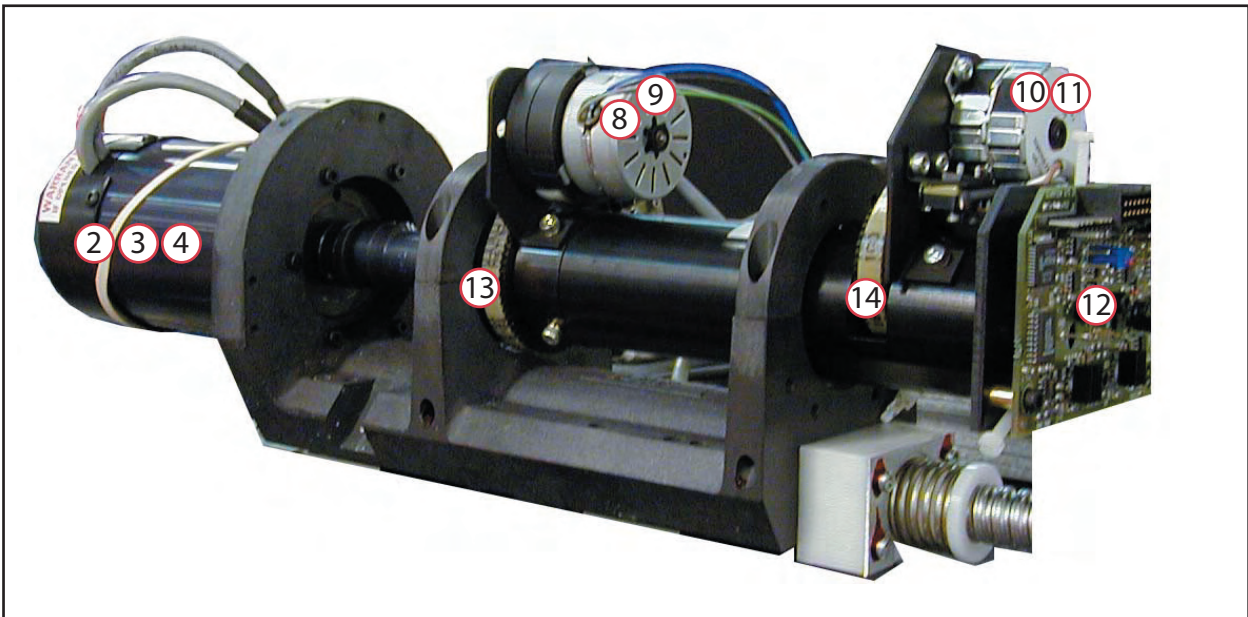
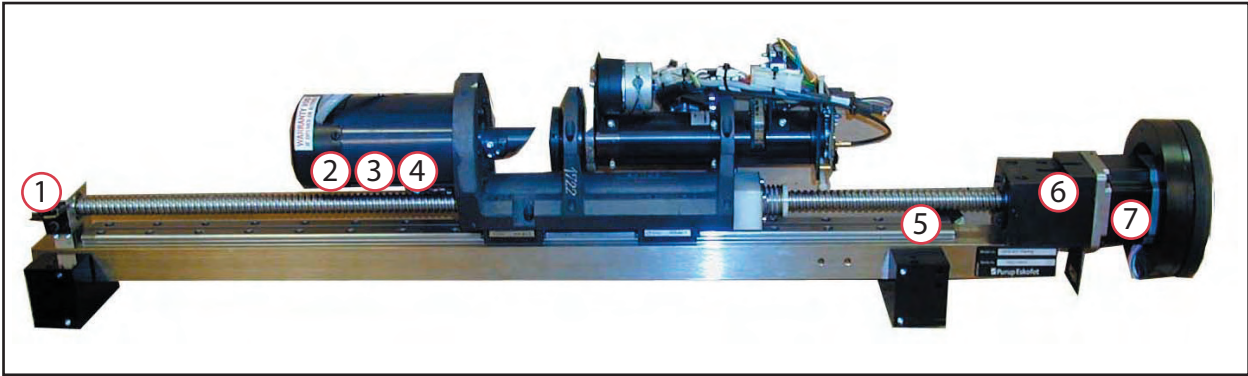
**Buffer Guide**





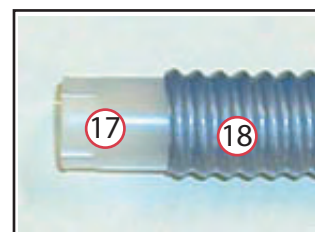
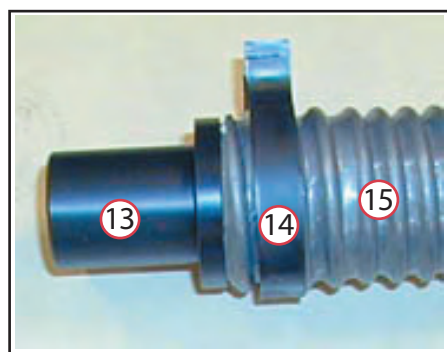
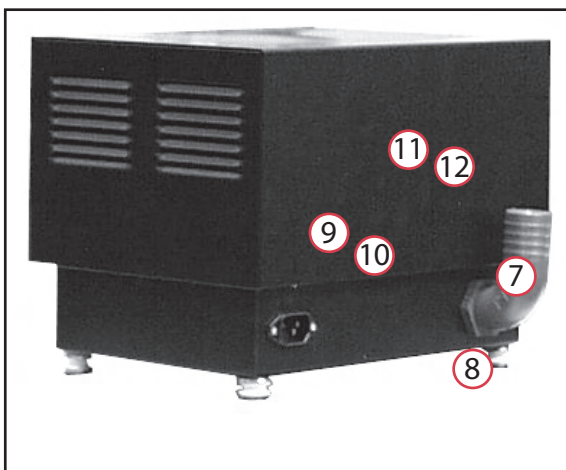
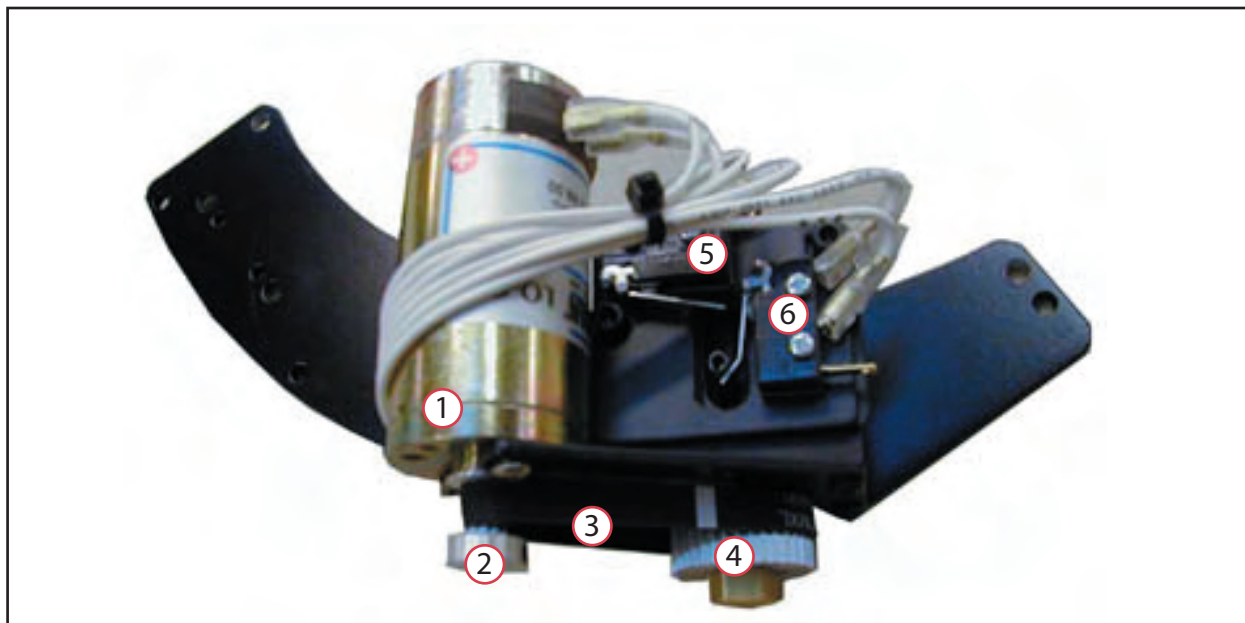
<i>Pos.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Notes</i>	<i>C</i>
	079-144-000	Buffer guide Complete		
01	048-986-003	Buffer guide Assy.		
02	048-987-033	Guide for buffer		
03	048-988-003	Buffer guide		
04	035-422-000	Spring for buffer guide		

Laser and Car system



<i>Pos.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Notes</i>	<i>C</i>
01	419-508-000	Carriage end switch		
02	9604400020S	Spinnermotor 20K rpm big mirror	(Read TI-41)	
03	9604400020S	Spinnermotor 20K rpm	(Read TI-41)	
04	9604400020S	Spinnermotor 30K rpm	(Read TI-41)	
05	419-508-000	Carriage index switch		
06	419-511-000	Leadscrew motor coupling		
07	9604500170	Carriage motor		
08	419-243-000	Aperture stepper motor		
09	9604500320	Aperture microswitch		
10	9604500200	Filter stepper motor		
11	9604500310	Filter microswitch		
12	419-510-000	Laser board		
	067-224-000	Coax cable for laser		
13	6620400030	Belt for iris	(not shown)	
14	6620400020	Belt for filter		
	6161400100	Grease for spindle 3g	(not shown)	C
	602344	Filterwheel and axle		

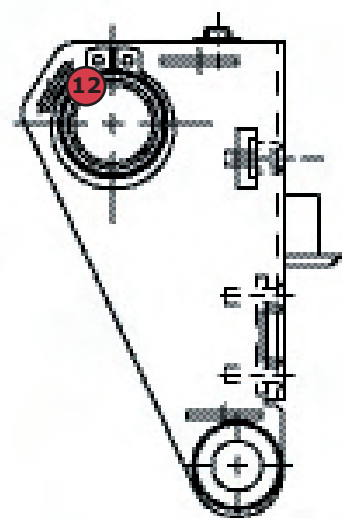
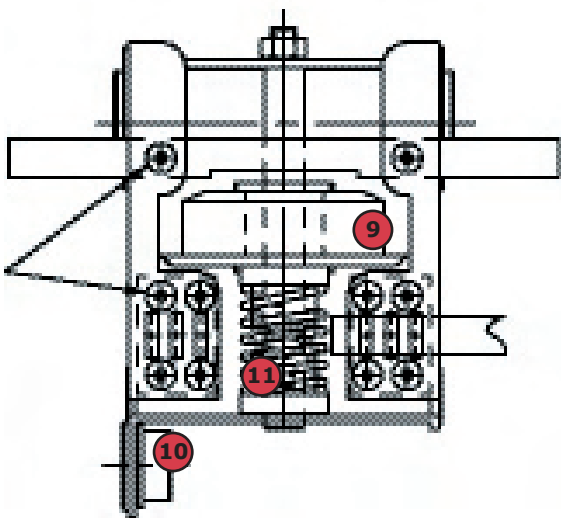
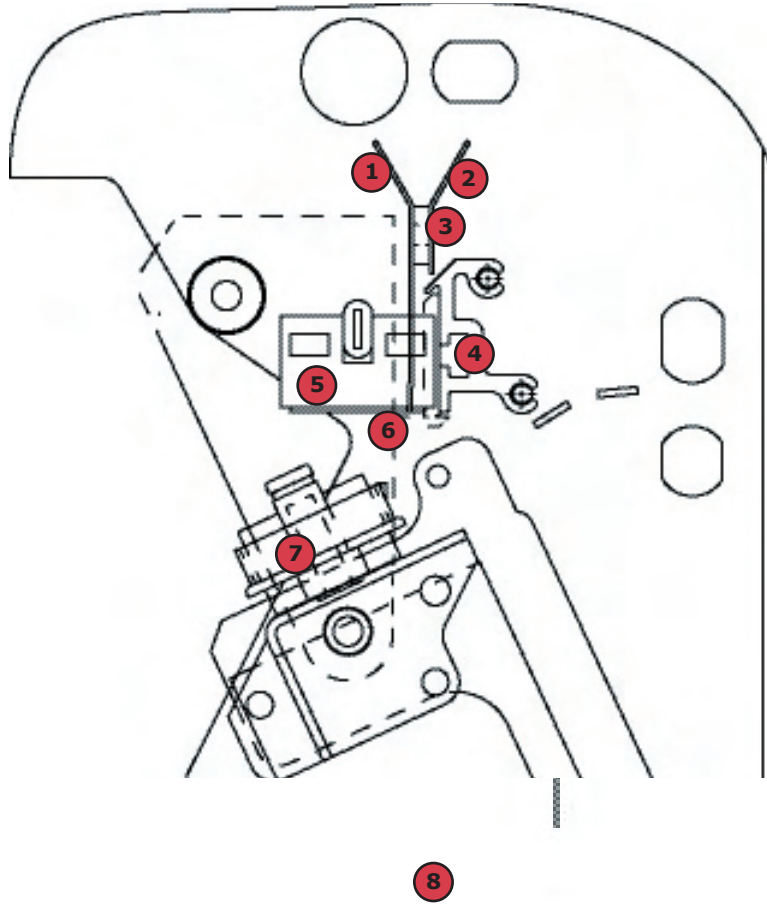
### Punch





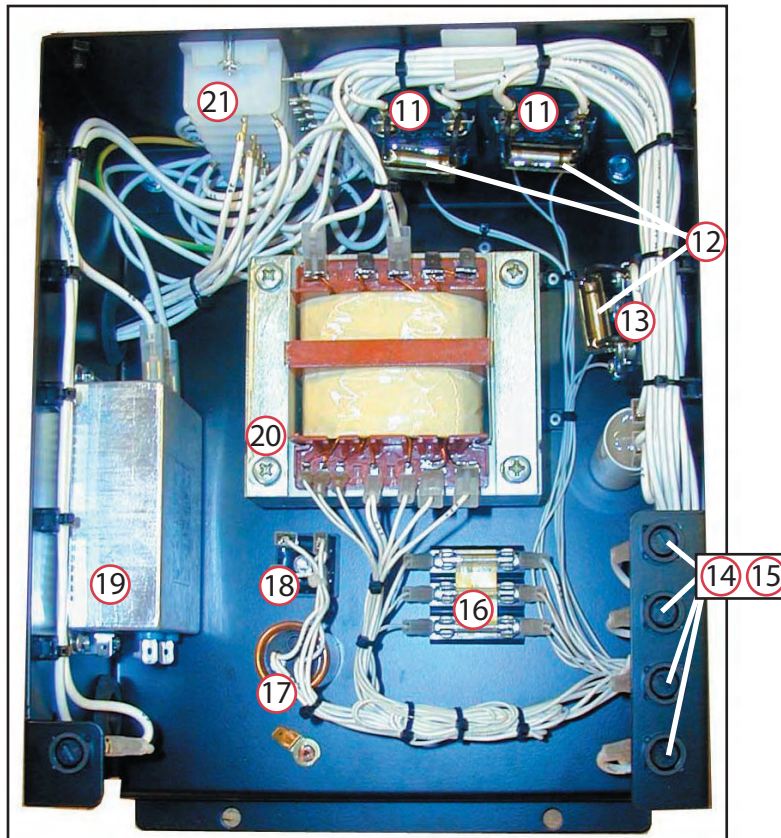
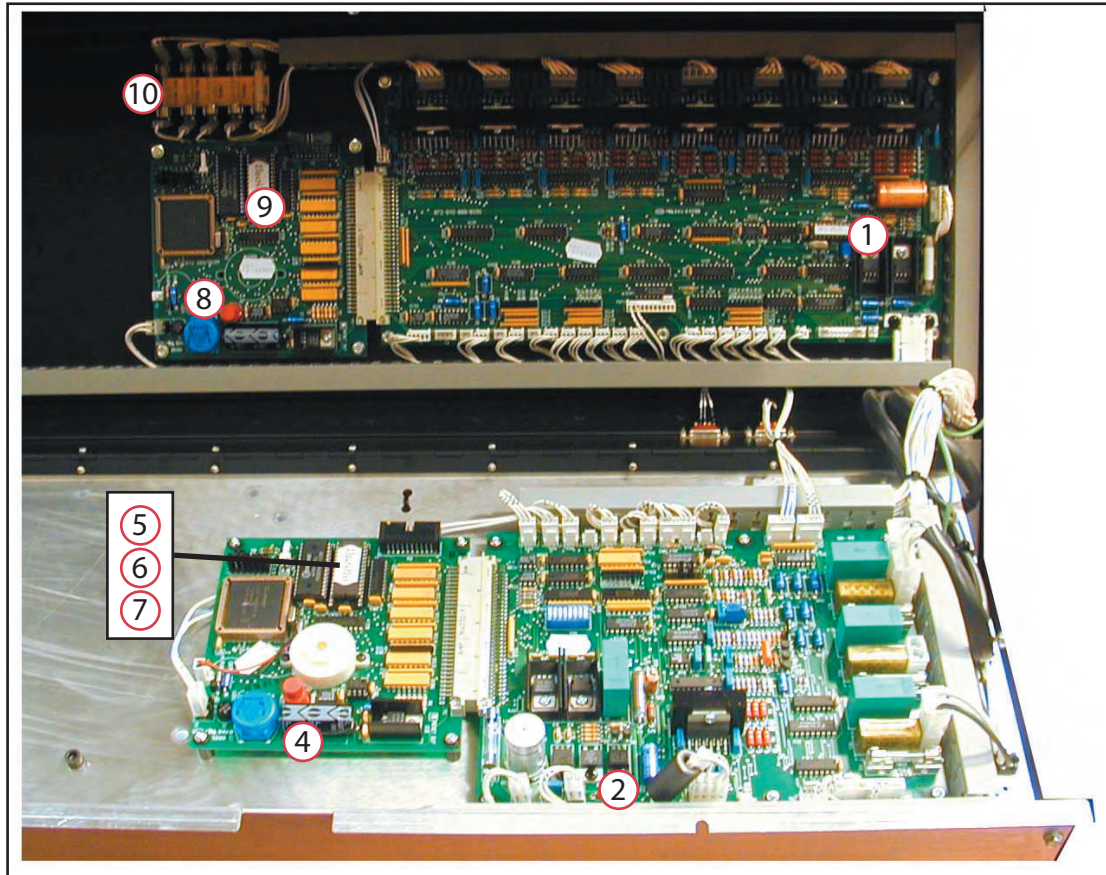
<b>Pos.</b>	<b>Part No.</b>	<b>Designation</b>	<b>Notes</b>	<b>C</b>
01	413-081-000	Motor for punch (M12 & M13)		
02	030-994-000	Gear for punch motor		
03	452-113-000	Belt for punch		
04	018-008-000	Gear for punch tool		
05	411-188-000	Micro switch straight arm	Repl. 411-118-000	
06	012-269-000	Micro switch straight bend arm		
07	459-755-000	Fitting L 1" for punch waste motor		
08	450-293-000	Vibration absorbers for punch waste motor		
09	414-976-000	Thermal switch		
10	067-645-000	Capacitor for punch waste motor		
11	295-330-000	Pump for punch waste (M18), complete	Without power plug	
12	295-332-000	Pump for punch waste w. power plug (M18)	complete	
13	014-061-000	Fitting Ø32mm for punch tool hose		
14	459-762-000	Hose clamp for Ø32mm hose		
15	403-618-000	Hose Ø32mm for punch waste		
16	079-121-000	Punch waste container inc. drawer		
16	079-124-000	Drawer for punch waste		
17	011-948-000	Fitting Ø19mm for punch tool hose		
18	403-617-000	Hose Ø19mm for punch waste		
	048-912-003	Mounting plate for landscape punch 10-12mm		
	459-761-000	Hose clamp for Ø19mm hose		
	200-963-000	Landscape punch square Assy		
	212-767-000	Portrait punch square Assy.		
	200-934-000	Landscape punch 12mm U-shape Assy.		
	200-936-000	Portrait punch 12mm U-shape Assy.		
	200-933-000	Landscape punch 10mm U-shape assy.		
	200-935-000	Portrait punch 10mm U-shape Assy.		
	014-078-000	Punch tool 12mm Square		
	011-854-000	Punch tool 12mm U-Shape		
	011-852-000	Punch tool 10mm U-Shape		
	462-713-000	Torx screw for punch		
	067-614-000	Wire Developer I/F to Punch Vac. motor	Read TI 13	

**Knife**



<b>Pos.</b>	<b>Part No.</b>	<b>Designation</b>	<b>Notes</b>	<b>C</b>
	212-809-000	Knife complete		
01	021-397-033	Silver guide V		
02	021-398-003	Black guide W		
03	079-101-000	Knife guide Assy	Repl. 021-397-033	
04	014-010-000	Aluminium profile		
05	296-599-000	Knife fork sensor (S9+10)		
06	048-893-000	Cutting surface		
07	452-150-000	Belt for knife	Repl. 452-101-000	
08	413-075-000	Motor for Knife (M6)		
09	047-981-000	Knife wheel	Repl. 048-893-000	
10	055-687-000	Sliding bearing		
11	035-409-000	Spring for knife		
12	470-911-000	C-clip		

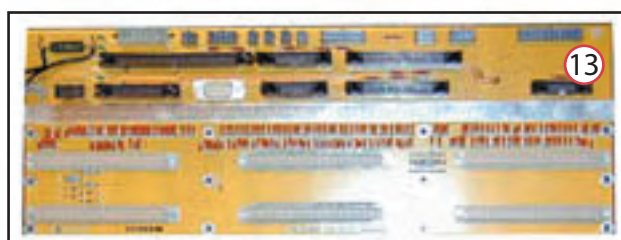
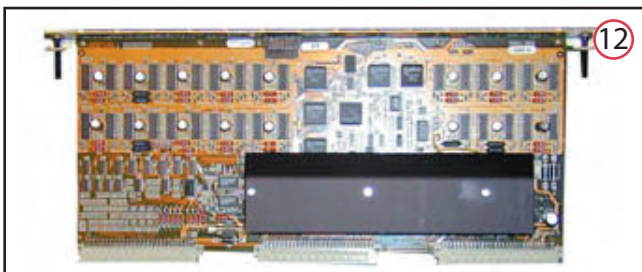
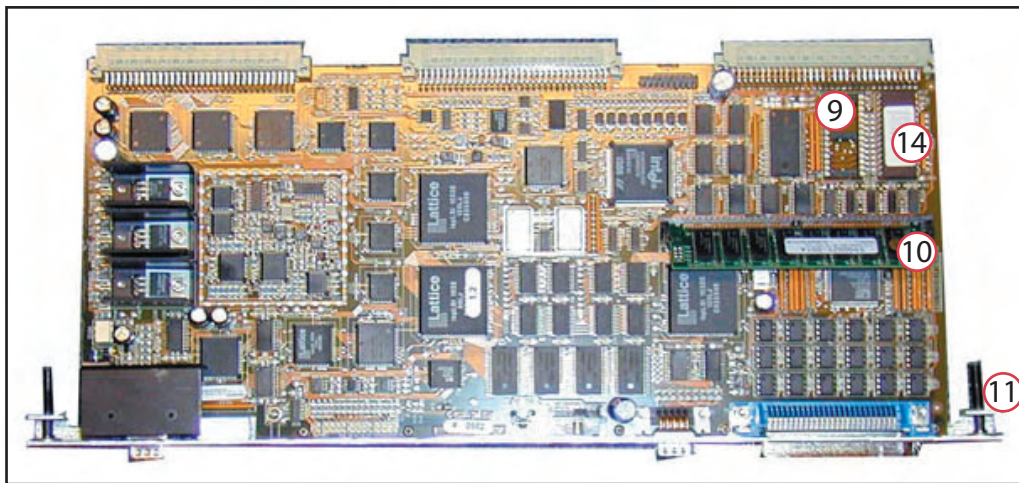
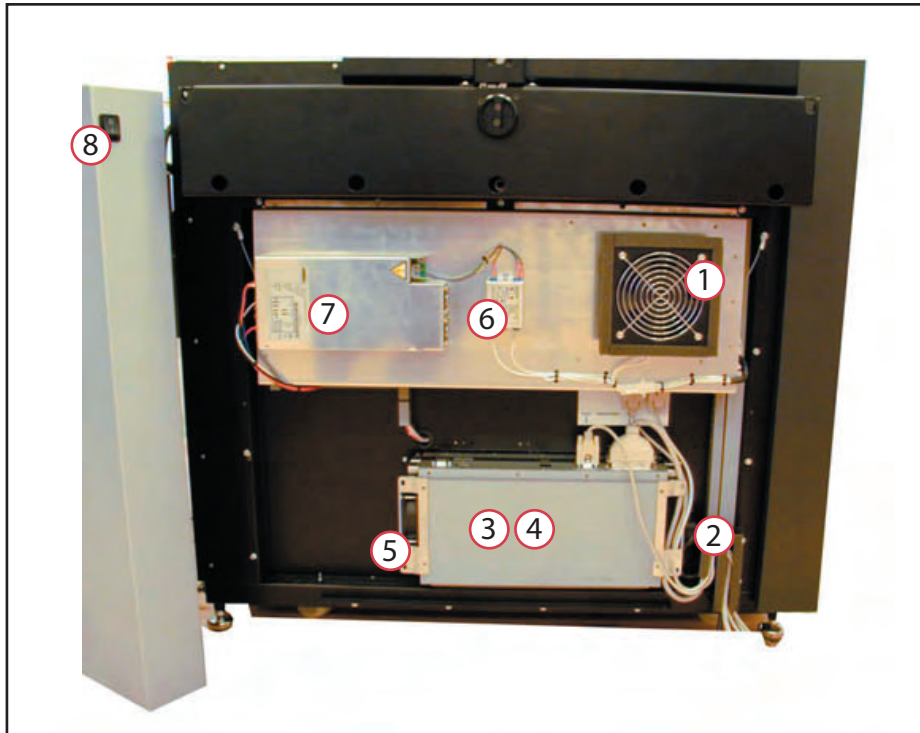
Electronics (1)



<i>Pos.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Notes</i>	<i>C</i>
01	296-705-000	Loader interface board		
02	296-704-000	Developer interface board		
04	296-711-000	Developer CPU board without E-PROM		
05	212-774-000	Processor E-Prom for Type I processor		
06	200261	Loader and processor E-Prom kit Type II	Read TI 53	
07	200261	Loader and processor E-Prom kit Type III	Read TI 53	
08	296-701-000	Loader CPU without E-PROM		
10	412-475-000	Fuse holder (10 pieces) use only 5		C
11	414-061-000	Solid state relay 25A Developer Dryer/Heater		
12	064-950-000	RC-filter for solid state relay		
13	414-071-000	Solid state relay 25A Developer Vacuum fan		
14	412-443-000	Fuse holder		C
15	412-428-000	Cap for fuse holder		C
16	412-475-000	Fuse holder (10 pieces)		C
17	415-079-000	Capacitor 10000µf 40V		
18	416-408-000	Bridge rectifier		
19	414-975-000	Line noise filter 250V/3A		
20	414-254-000	Transformer		
	412-242-000	Terminal strip 8 pol.		
	412-448-000	Fuse 0,6A Slow		C
	412-440-000	Fuse 1A Slow		C
	412-474-000	Fuse 3A Slow		C

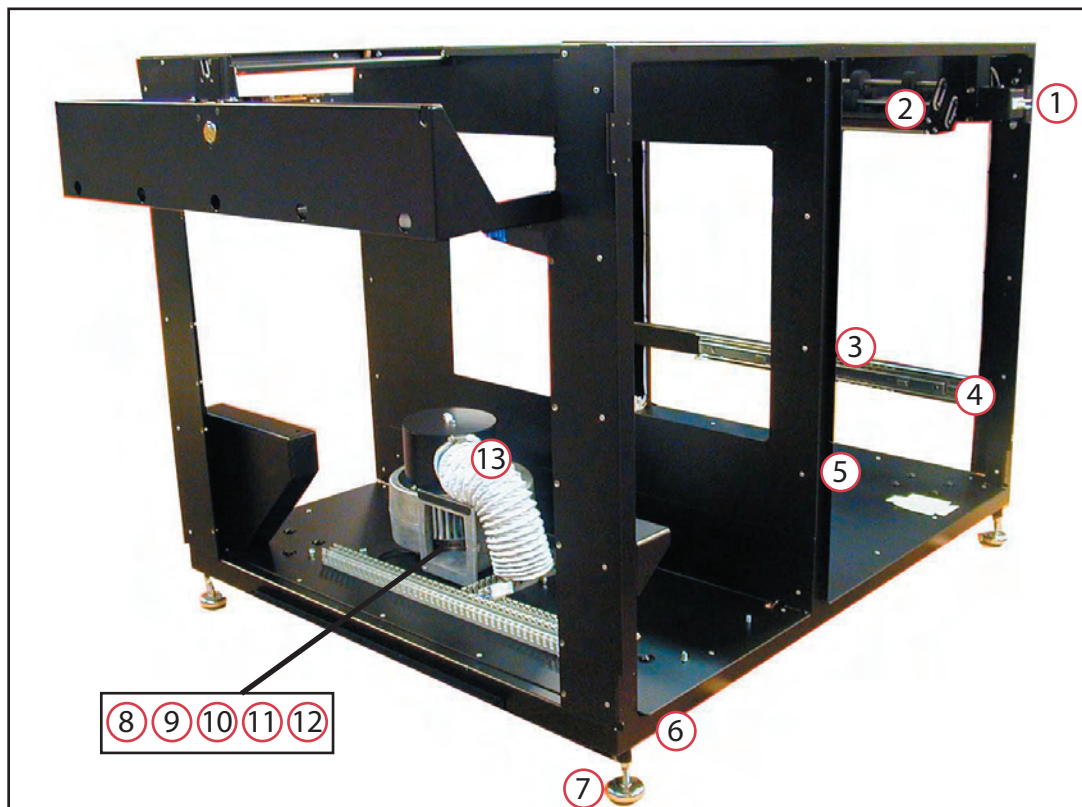


Electronics (2)



<b>Pos.</b>	<b>Part No.</b>	<b>Designation</b>	<b>Notes</b>	<b>C</b>
01	067-090-000	Main fan		
02	411-545-000	Mains plug		
03	219-611-000 S	Complete "flying spot box" 20K spinner	Read TI. 41	
04	219-611-000 S	Complete "flying spot box" 30K spinner		
05	9604000220	Electronics cooling fan		
06	414-970-000	Mains filter		
07	6504450010	Power supply	Repl. 212-823-000S	
08	411-172-000	On/Off swich		
09	9604450170	NV-RAM		
10	9605501230	Ram module, DRAM 16MB 60ns		
11	9605501220 S	Control board without NV-RAM		
12	9604300010 S	Driverboard suitable for 20 and 30K spinners		
13	9604000030	Backplane		
14	400553	Bootprom Ver. F		
	9604500691	Small coax cable for laser	(Not shown)	
	213-049-000	Upgrade kit old style PSU to New PSU	Read TI. 37	

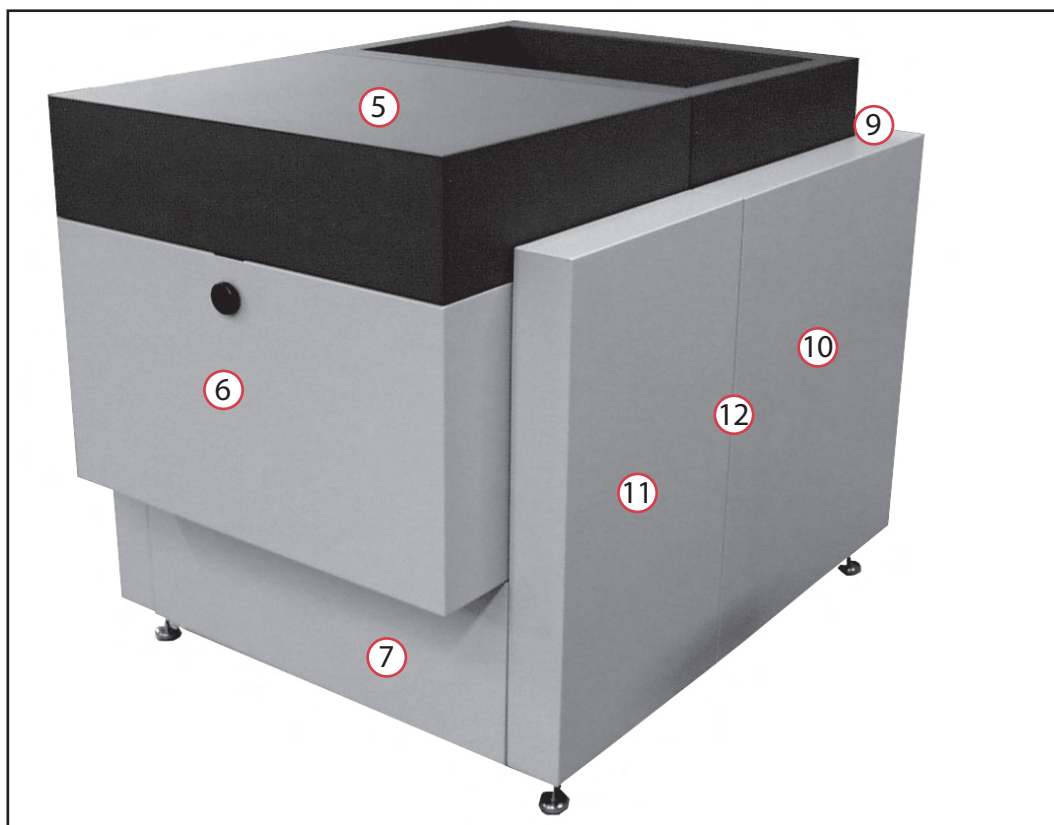
### Chassis



<b>Pos.</b>	<b>Part No.</b>	<b>Designation</b>	<b>Notes</b>	<b>C</b>
01	411-145-000	Interlock switch		
02	035-087-000	Spring for kicker section		C
03	048-213-003	Lock for processor		
04	043-368-000	Processor rail right		
05	043-369-000	Processor rail left		
06	459-714-000	Wheel		
07	459-806-000	Stand		
08	213-083-000	Vacuum fan complete and adjusted (M9)	Read TI. 55	
	089-361-000	Vacuum motor (M9)		
09	459-541-000	Vibration absorbers for vacuum fan		
10	032-558-000	Encoder label for vacuum fan	Read TI. 55	
11	296-708-000	Vacuum reflex sensor		
12	048-910-003	Bracket for Vacuum reflex sensor		
13	403-493-000	Vacuum hose		
14	411-145-000	Interlock switch		
15	011-371-000	Foam roller		C
16	079-028-000	Kick motor (M10)		
17	048-982-000	Air filter for Processor		C
18	079-144-000	Buffer guide complete		



## Panels



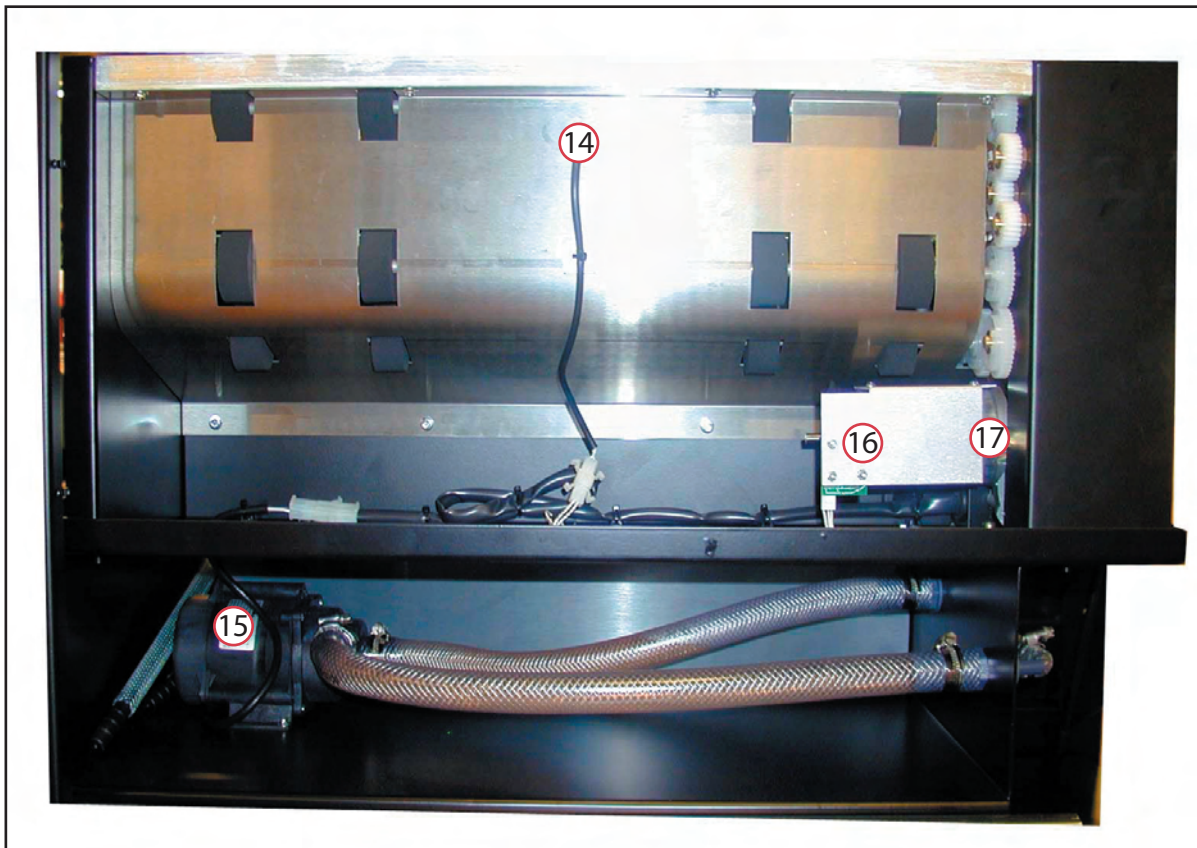
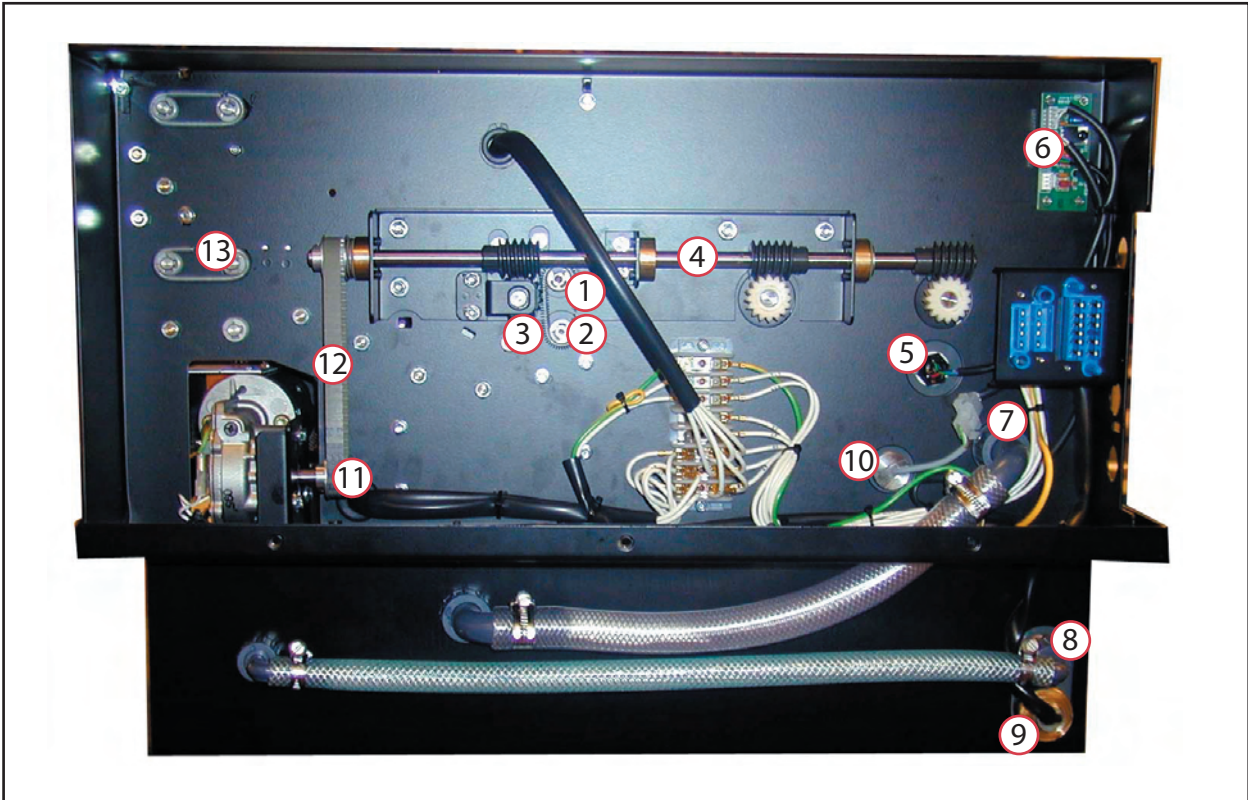


<i>Pos.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Notes</i>	<i>C</i>
01	079-112-XXX	Top panel		
	014-015-360	New top panel	Fr. ser.#44411288	
02	411-172-000	Switch, main power		
03	079-106-XXX	Right panel, back		
	014-014-361	New Right panel, back	Fr. ser.#44411288	
04	079-105-XXX	Left panel, back		
	014-011-361	New Left panel, back	Fr. ser.#44411288	
05	079-113-XXX	Top lid		
	300717	New Top lid	Fr. ser.#44411288	
	459-713-000	Gas piston.		
06	079-108-XXX	Left panel, top		
	500746	New Left panel, top	Fr. ser.#44411288	
07	079-107-XXX	Left panel, bottom		
	014-012-361	New Left panel, bottom	Fr. ser.#44411288	
08	031-317-000	Lid lock button.		
09	079-109-XXX	Right panel.		
	014-013-361	New Right panel	Fr. ser.#44411288	
10	079-111-XXX	Right door.		
	501561	New Right door	Fr. ser.#44411288	
11	079-110-XXX	Left door		
	501562	New Left door	Fr. ser.#44411288	
12	079-115-000	Locking mechanism complete	"old" type doors	
	1619027	Locking mechanism	"new" type doors	
	602274	Gas damper for "new" style top cover	Fr. ser.#44411288	
	405-400-801	Paint, White		

**Colour codes**

XXX-XXX-100 Above panel painted in white/grey  
 XXX-XXX-200 Above panel painted in silver/black  
 XXX-XXX-700 Above panel painted in white (OEM)

Type I Processor (1)



<b>Pos.</b>	<b>Part No.</b>	<b>Designation</b>	<b>Notes</b>	<b>C</b>
01	022-614-013	Top roller, dryer.		C
02	022-652-000	Main drive roller, dryer.		C
	212-771-000	Gear w. bearing, free run.		
03	035-087-000	Spring, hard.		C
04	079-026-000	Drive shaft, assy.		
05	066-923-000	Level sensor.		
06	296-774-000	Interface for liquid level.		
07	459-791-000	Threaded hose, cou. 3/4"		
08	459-792-000	Threaded hose, cou. 1/2"		
	450-349-000	Gasket.		
09	067-379-000	Heating element, 700w.		
10	262-328-000	Temperature sensor.		
11	030-946-000	Pulley.		
12	452-091-000	Belt.		
13	035-046-000	Spring, soft.		C
14	021-345-000	Sensor heat, compl.		
15	066-102-000	Circulation pump, developer.		
16	296-599-000	Limit switch.		
17	413-055-000	Main motor.		
	082-168-000	Heater / blower, compl.		
	067-534-000	Service cable, Developer /dryer unit to main unit		

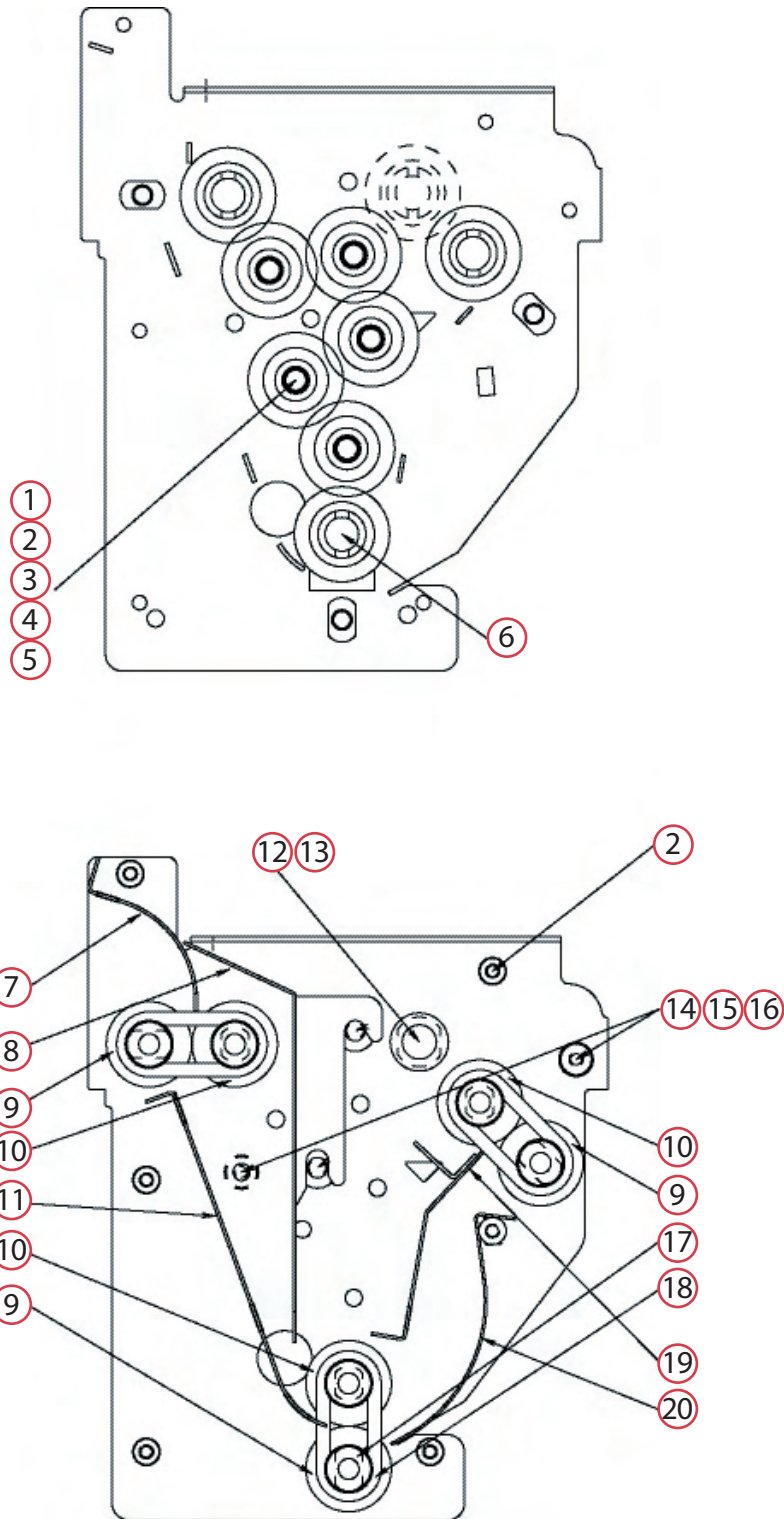
Type I Processor (2)



<b>Pos.</b>	<b>Part No.</b>	<b>Designation</b>	<b>Notes</b>	<b>C</b>
01	211-781-000 211-006-000	Activator bottle compl. Stabilizer bottle compl.		

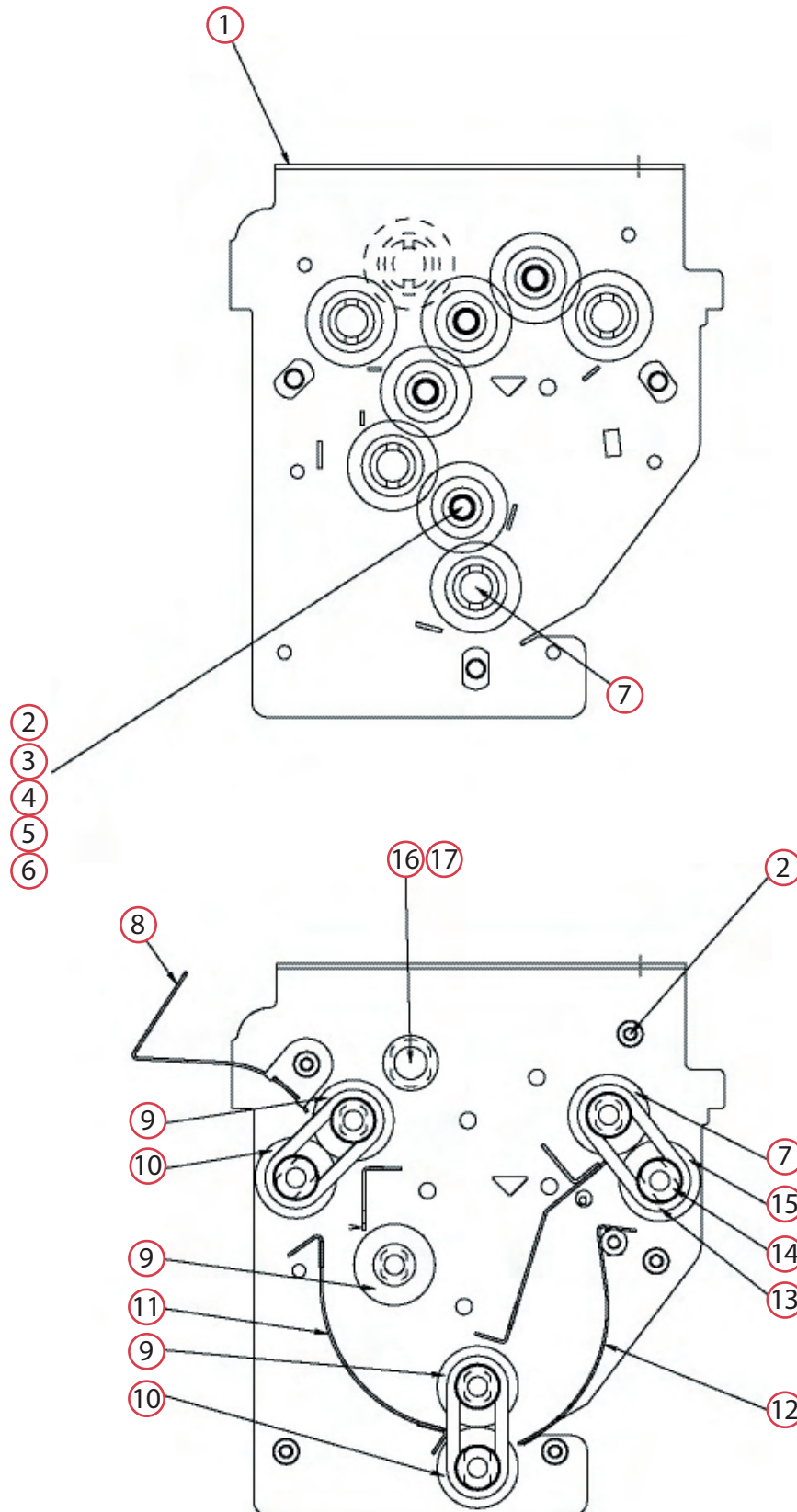


**Type I Activator rack (3)**



<i>Pos.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Notes</i>	<i>C</i>
	<b>200-986-000</b>	<b>Activator rack, complete</b>		
01	055-472-000	Pin bearing		
02	469-406-000	Washer star 4,2		
03	030-152-000	Gear 16 T		
04	056-121-000	Washer 0,8X12X0,4		
05	470-704-000	Ring, retaining rs7		
06	222-638-000	Roller rubber Assy		C
07	048-945-033	Guide A		
08	048-946-033	Guide B		
09	022-616-000	Roller A		C
10	222-638-000	Rubber roller assy		C
11	049-193-033	Guide C		
12	254-075-000	Drive shaft Z17 3MR Assy		
13	055-388-000	Bearing Ø10,03		C
14	057-252-000	Spacer		
15	462-293-000	Screw M4X8		
16	600625	Washer stainless	Repl. 468-405-000	
17	081-972-000	Bearing for rubber roller		
18	035-182-000	Spring		C
19	048-949-033	Guide E		
20	049-447-000	Guide D		
	049-447-000	FRm Rack kit	Read TI. 46	

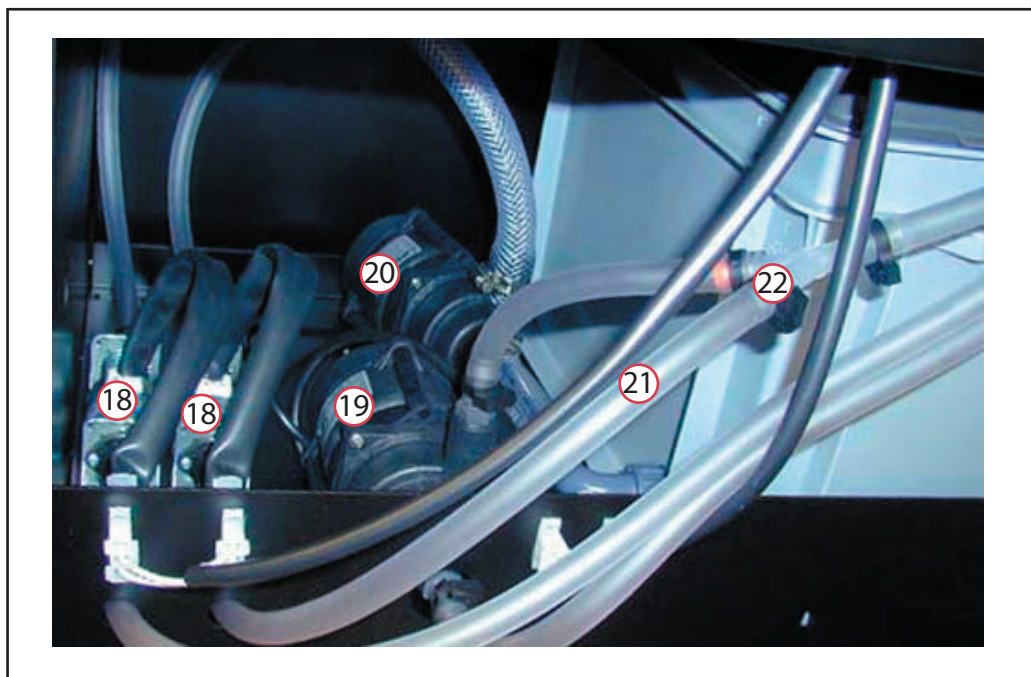
**Type I Stabilizer rack (4)**



<i>Pos.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Notes</i>	<i>C</i>
	<b>212-816-000</b>	<b>Stabilizer rack complete</b>		
01	049-299-033	Act. rack end plate		
02	469-406-000	Washer star 4,2		
03	462-293-000	Screw M4X8		
04	030-152-000	Gear 16 T		
05	056-121-000	Washer 0,8X12X0,4		
06	470-704-000	Ring, retaining rs7		
07	222-638-000	Roller Assy. Consists of:		C
	022-616-000	Roller A		C
	030-153-000	Gear 16 T		
08	049-030-033	Guide F		
09	222-638-000	Rubber roller assy		C
10	022-616-000	Roller A		C
11	049-032-033	Guide H		
12	049-447-000	Guide D		
13	035-182-000	Spring		C
14	081-972-000	Bearing Assy. Consists of:		
	055-222-000	Bushing		C
	059-988-000	Support spring		
15	022-616-000	Roller A		C
16	055-388-000	Bearing Ø10,03		C
17	254-075-000	Driveshaft Assy. Consists of:		
	030-151-000	Gear 16T		
	230-014-000	Drive gear rack	Repl. 030-356-000	C
	035-401-000	Spring for rack		C
	053-052-000	Driveshaft		
	056-265-000	Washer for spring		
	466-306-000	Pin 3x16		
	470-915-000	Retaining ring		
	049-447-000	FRm Rack kit	Read TI 46	



Type II Processor (1)





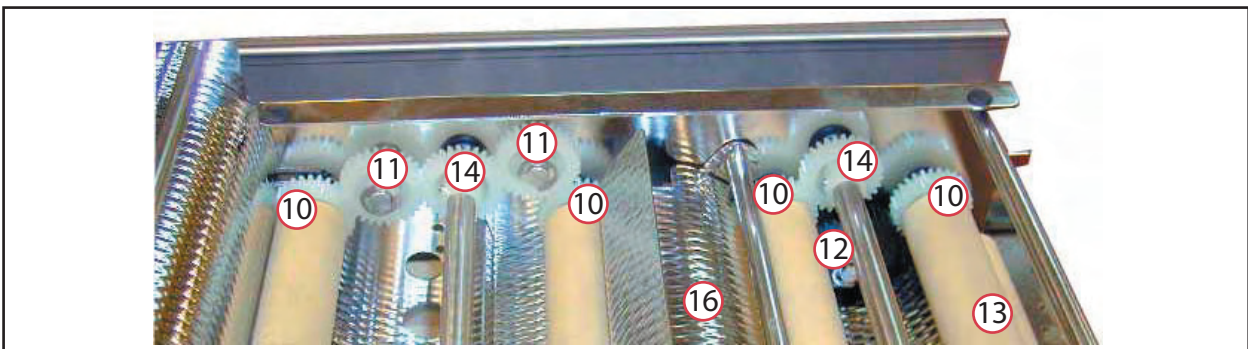
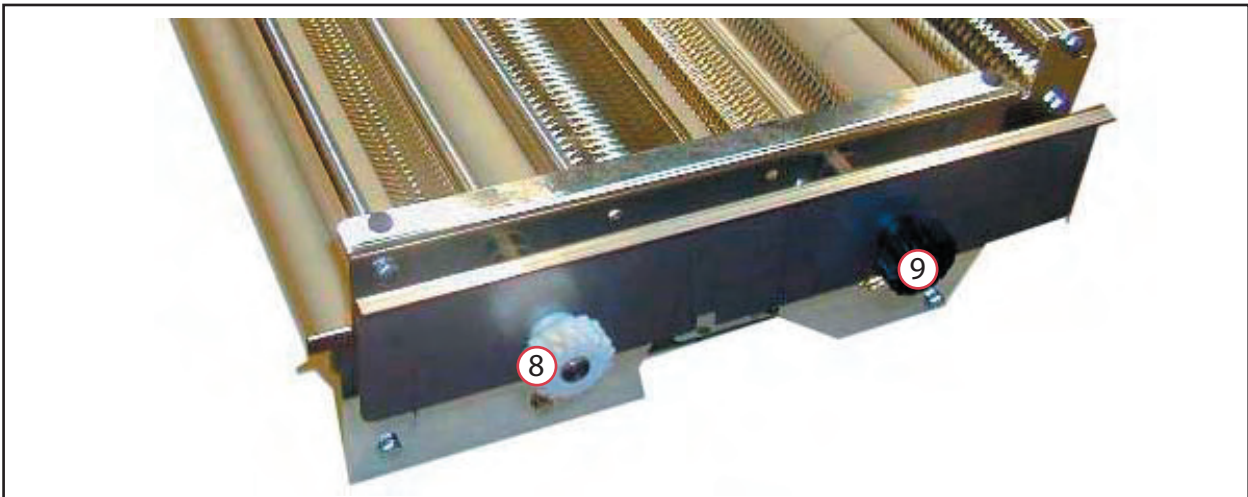
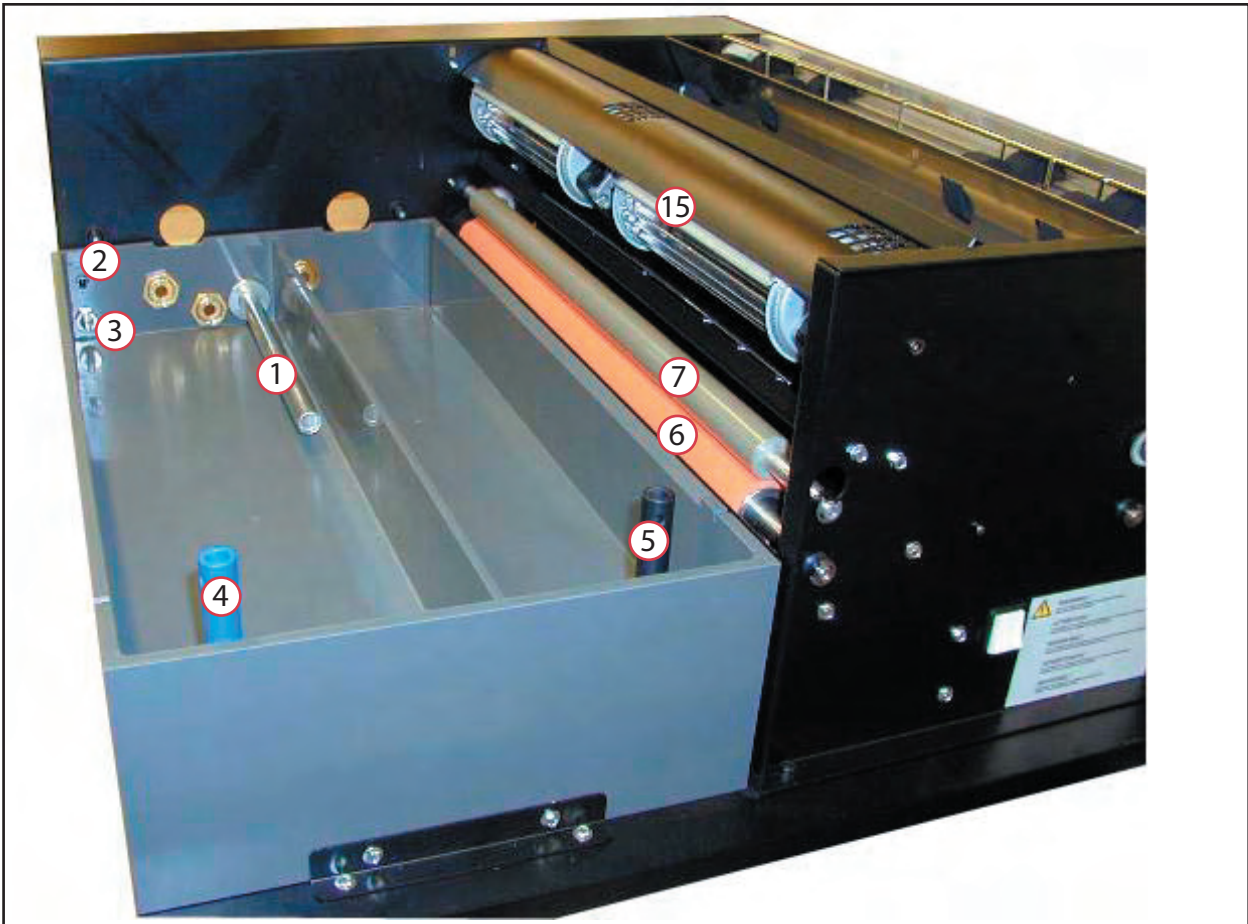
<b>Pos.</b>	<b>Part No.</b>	<b>Designation</b>	<b>Notes</b>	<b>C</b>
01	413-917-000	Motor 24V		
02	049-377-003	Drive shaft assembly		
03	053-091-000	Shaft/worm wheels, dryer/stabilizer/activator		C
04	230-017-000	Worm right	Repl. 030-098-000	C
05	030-099-000	Worm left		C
06	057-139-000	Bearing housing		
07	451-021-000	Needle bearing		C
08	030-945-000	Pulley main drive		
09	048-113-003	Bracket		
10	030-355-045	Worm wheel right		C
11	030-963-000	Gear M1 Z25		
12	296-774-000	Interface board		
13	458-019-000	Hose connection		
14	419-304-000	Level sensor		
15	013-858-000	Lid for waste container		
16	013-857-000	Waste container		
17	067-288-000	Waste container level sensor		
	452-141-000	Processor drive belt		
18	067-007-000	Replenishment pump		
19	067-794-000	Circulation pump		
20	066-102-000	Pump for waste		
21	403-371-000	Hose, order in metres		
22	459-825-000	Hose clamp		

Type II Processor (2)



<i>Pos.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Notes</i>	<i>C</i>
01	035-087-000	Spring hard Z17 3MR		C
02	411-154-000	Switch operate test		
03	021-345-000	Sensor temp. dryer comp.		
04	458-022-000	Replenisher container w/lid		
05	450-408-000	Hose connection female		
06	450-411-000	Hose connection female replenishment		
07	450-409-000	Hose connection male		
08	049-341-000	Lid for processor		
	450-407-000	Hose for waste	(Not shown)	

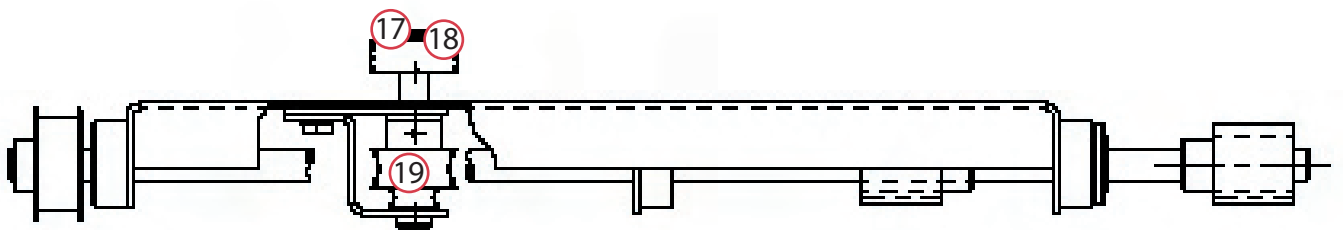
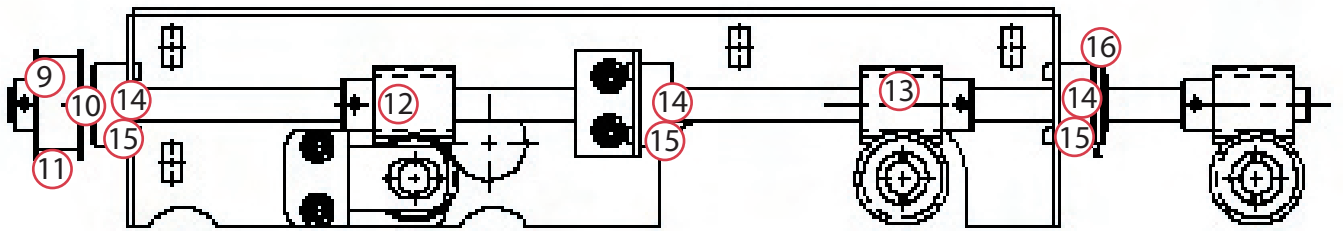
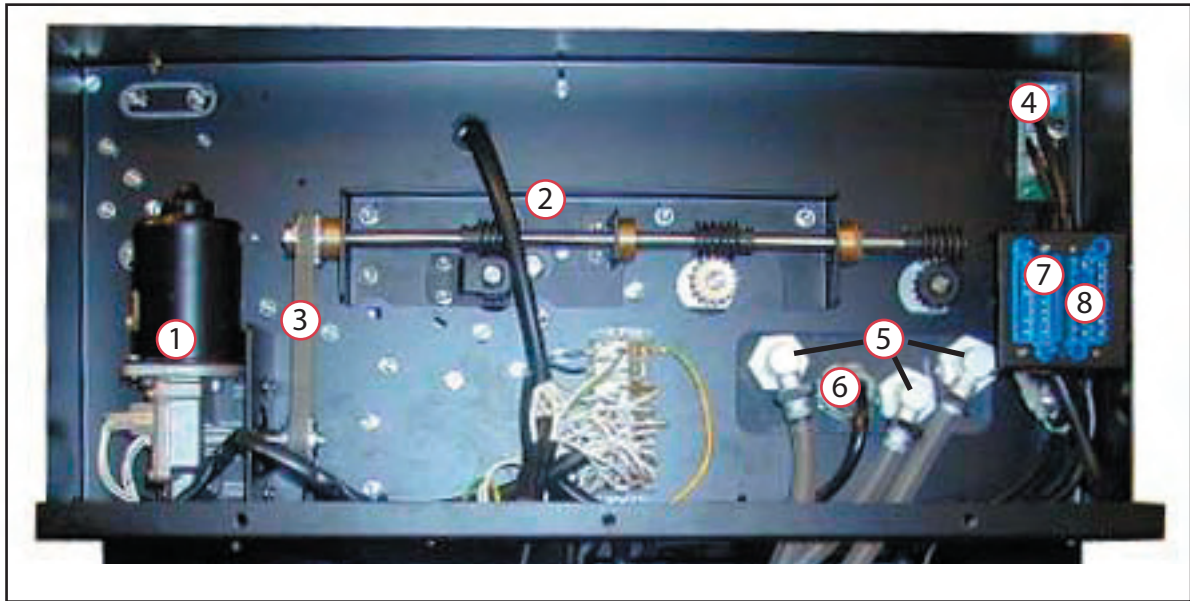
Type II Processor (3)



<i>Pos.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Notes</i>	<i>C</i>
01	067-060-000	Heating element 300W		
02	066-923-000	Liquid level sensor		
03	057-812-000	Thermosensor housing		
04	013-761-000	Overflow/draining tube blue activator		
05	013-930-000	Overflow/draining tube black stabiliser		
	459-638-000	O-Ring overflow tube		C
06	022-652-000	Rubber roller, compl.		C
07	022-676-013	Teflon roller		C
08	230-014-000	Drive gear, rack	Repl. 030-356-000	C
09	030-355-045	Worm wheel, right		C
10	018-035-000	Gear, roller		
11	018-037-000	Gear		
12	030-137-000	Gear, black		
13	022-675-000	Roller, rubber		C
14	018-036-000	Gear		
15	082-168-000	Heater/blower		
	240-281-000	Type II rack without modifications		
	213-058-000	Type II modification kit		
	240-284-000	Type II Rack for modified type II processor		C
16	049-330-033	Crossover guide		

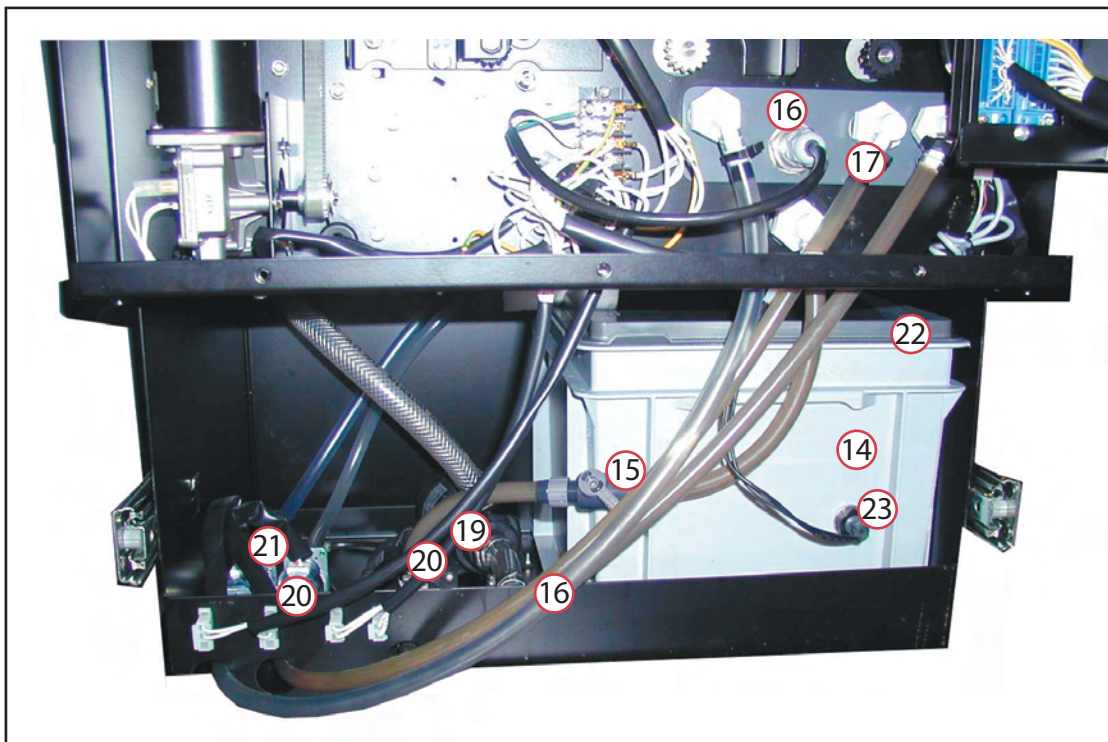
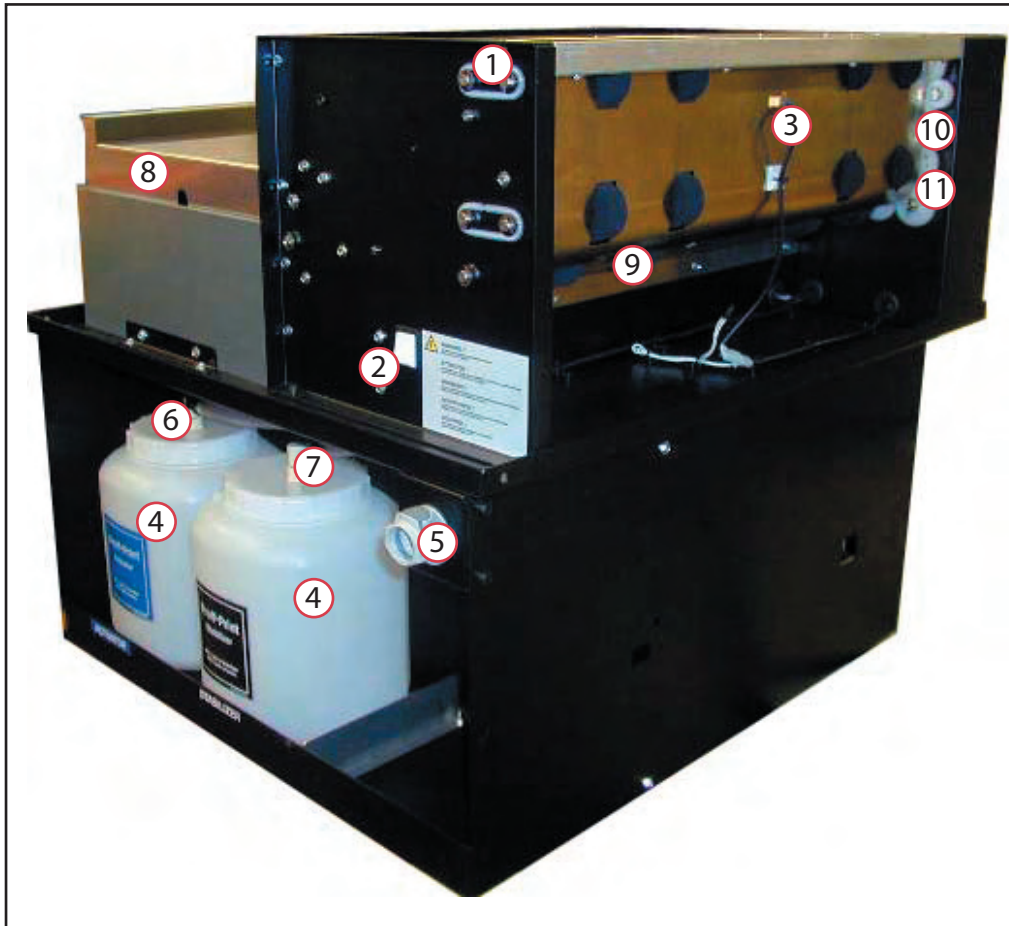


Type III Processor (1)



<b>Pos.</b>	<b>Part No.</b>	<b>Designation</b>	<b>Notes</b>	<b>C</b>
01	413-917-000	Processor maindrive motor		
02	049-351-000	Drive shaft assembly		
03	452-141-000	Processor drive belt		
04	296-774-000	Interface board		
05	458-019-000	Hose connection		
06	067-060-000	Activator heating element 300W		
07	413-684-000	Blue plug for processor Male		
08	413-685-000	Blue plug for processor Female		
09	018-059-000	Pulley	Repl. 018-059-090	
10	451-016-013	Teflon washer		
11	018-059-000	Pulley	Repl. 018-059-090	
12	230-017-000	Worm gear right	Repl. 030-098-000	C
13	030-099-000	Worm gear Left		C
14	057-139-000	Housing for bearing	Repl. 057-139-080	
15	451-021-000	Bearing		C
16	470-915-000	C-Clip		
17	470-704-000	C-Clip		
18	030-963-000	Gear M1 Z25	Repl. 030-963-080	
19	030-355-045	Worm gear right	Repl. 030-355-090	C

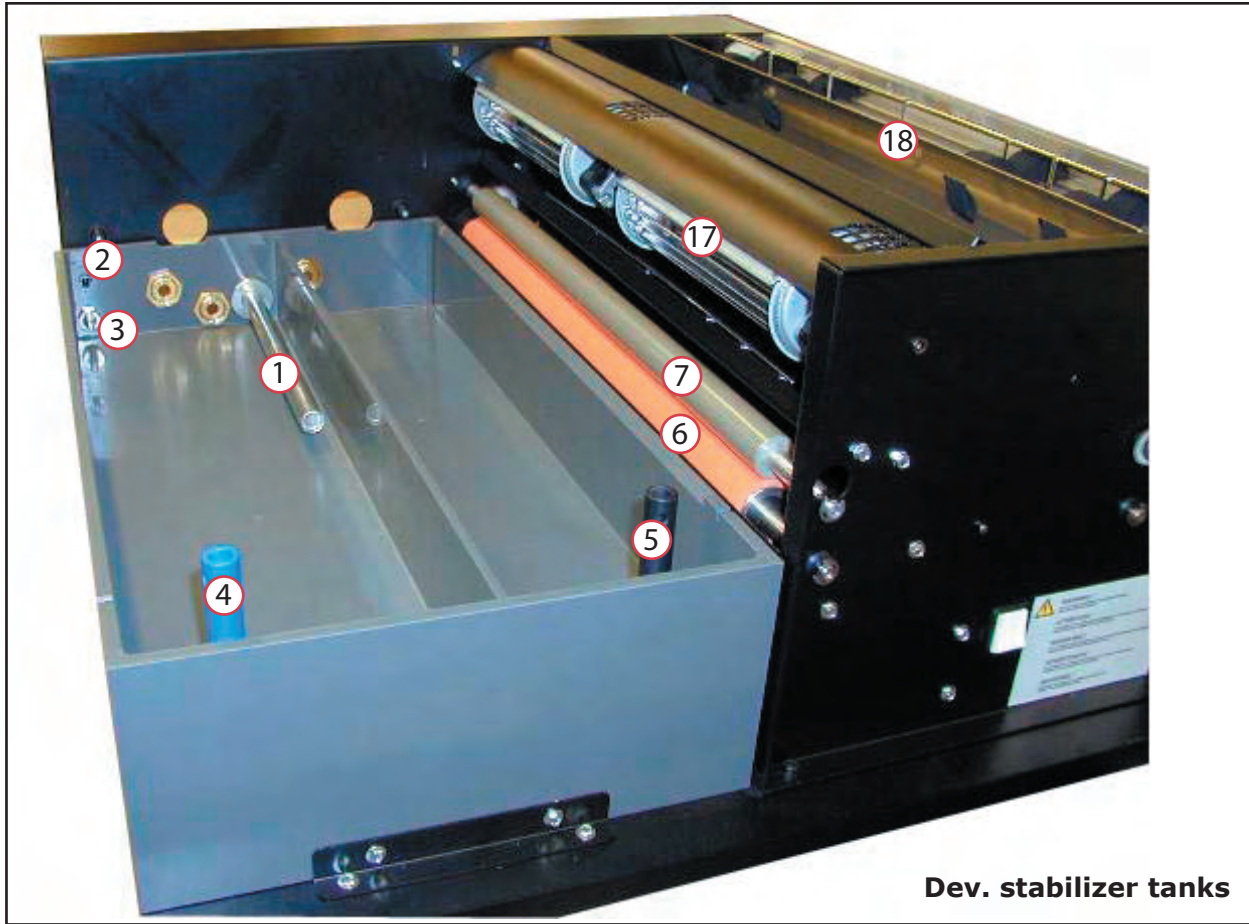
Type III Processor (2)



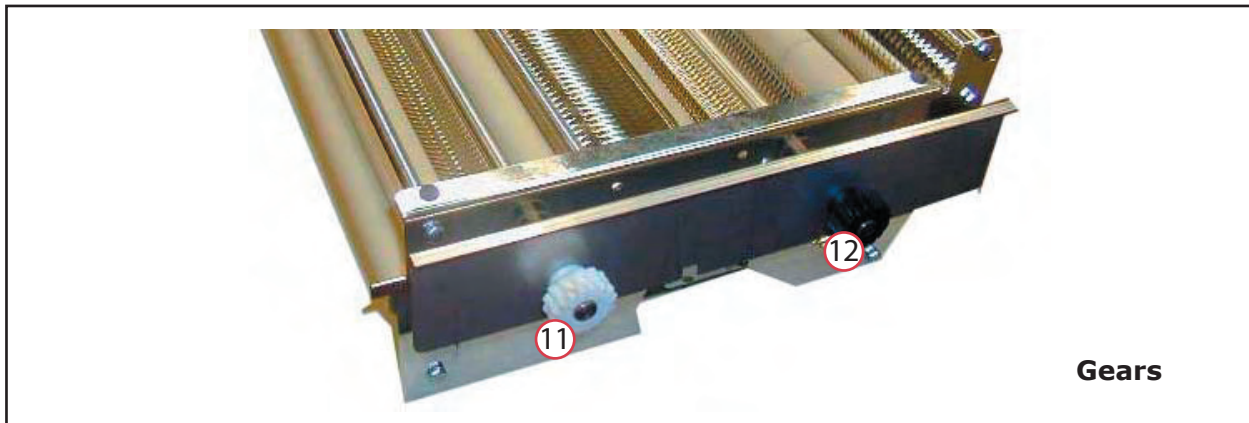
<b>Pos.</b>	<b>Part No.</b>	<b>Designation</b>	<b>Notes</b>	<b>C</b>
01	035-087-000	Spring hard Z17 3MR		C
02	411-154-000	Switch operate test, for waste pump		
03	021-345-000	Sensor temp. dryer comp.		
04	458-022-000	Replenisher container w/lid		
05	450-408-000	Hose connection female		
06	450-411-000	Hose connection female activator		
07	450-409-000	Hose connection male stabilizer		
08	049-341-000	Lid for processor		
09	011-371-000	Foam roller 1pc.		C
10	030-963-000	Gear Z25		
11	030-426-000	Gear 40Z		
	450-407-000	Hose for waste tank		
	300169	Kicker kit	Read TI 47a	
12	067-060-000	Activator heating element 300W		
13	459-825-000	Hose clamp		
14	013-857-000	Waste tank		
15	450-418-000	Valve for circularization		
16	403-371-000	Hose (order in meters)		
17	048-982-000	Air filter for processor (Not shown)		C
18	067-090-000	Fan for processor (Not shown)		
19	066-102-000	Waste pump		
20	067-794-000	Circulation pump		
21	067-007-000	Replenish pump		
22	013-858-000	Lid for waste tank		
23	067-288-000	Waste tank full sensor		
	452-141-000	Processor drive belt		



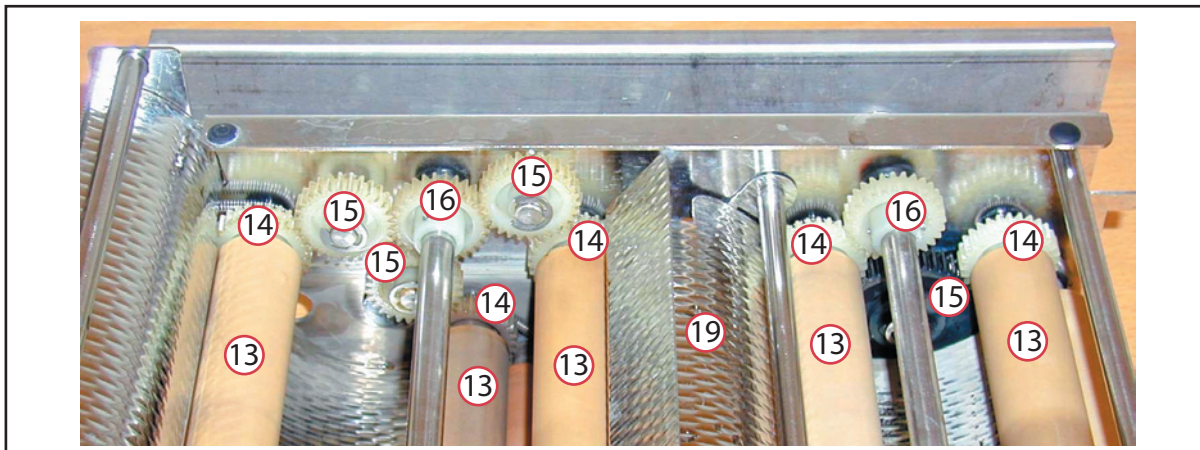
Type III Processor (3)



Dev. stabilizer tanks



Gears



Rack



<i>Pos.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Notes</i>	<i>C</i>
01	067-060-000	Activator heating element 300W		
02	066-923-000	Liquid level sensor		
03	057-812-000	Thermosensor housing		
04	013-761-000	Overflow/draining tube blue activator		
05	013-930-000	Overflow/draining tube black stabiliser		
	459-638-000	O-ring for Overflow/draining tube		C
06	022-652-000	Squeezee roller rubber		C
07	022-676-013	Squeezee roller teflon		C
11	230-014-000	Stabilizer drive gear	Repl. 030-356-000	C
12	030-355-045	Activator drive gear		C
13	022-675-000	Rubber roller complete		C
14	018-035-000	Gear		
15	018-037-000	Gear 48T		
16	018-036-000	Gear		
17	082-168-000	Heater/blower		
18	049-029-033	Fixed Guide		
	049-024-033	Removable wire guide	Repl. 049-024-000	
	240-284-000	Type III rack		C
	300019	Fan Kit for processor compartment	Read TI. 45	
19	049-330-033	Crossover guide		

Part No.	Designation	Notes	C
<b>RECOMMENDED SPARE PARTS KIT</b>			
<del>200-932-000</del>	<del>Kit</del>	<del>P/N removed</del>	
011-948-000	Fitting Ø19 for punch hose		
018-008-000	Gear Z11		
021-345-000	Sensor, heat, comp.		
022-616-000	Roller		C
022-675-000	Rubber Roller		C
030-151-000	Gear Z16		
030-426-000	Gear Z40		
030-963-000	Gear Z25		
030-982-000	Gear Z40		
066-102-000	Circ.pump		
066-923-000	Liquid level sensor		
067-049-000	Motor, step		
067-051-000	Motor, DC		
067-060-000	Heating element, 300W.		
067-288-000	Float switch.		
067-794-000	Circulation pump, Ø 10 mm.		
082-168-000	2 X 400W Heater blower		
089-361-000	Vacuum motor w/encoder, label	Repl. 079-117-000	
9604400020S	Spinner motor w/mirror	Repl. 9604500090S	
213-049-000	Power supply, flying spot box	Repl. 212-823-000	
219-611-000S	Flying spot box, 30.000 rpm		
222-638-000	Rubber roller, compl.		C
262-328-000	Temp.sensor		
296-734-000	Reflex sensor	Repl. 296-598-000	
296-599-000	Limit switch board		
296-701-000	Loader CPU board without E-PROM		
296-704-000	Dev. interface board		
296-705-000	Loader interface board		
296-708-000	Vacuum reflex sensor		
296-723-000	Reflex sensor slimline ver.2		
296-774-000	Interface for liquid level		
405-110-000	Grease for processor		
411-145-000	Interlock		
411-160-000	Microswitch		

<b>Pos.</b>	<b>Part No.</b>	<b>Designation</b>	<b>Notes</b>	<b>C</b>
	412-428-000	Cap for fuse		C
	412-440-000	Fuse 1A		C
	412-446-000	Fuse 3A		
	412-448-000	Fuse 0,6A		C
	412-451-000	Fuse 15A		
	412-452-000	Fuse 1,6A		
	412-462-000	Fuse 10A		
	412-466-000	Fuse 8A		
	412-469-000	Fuse 0,3A		
	412-471-000	Fuse 4A FF		
	412-474-000	Fuse 3A		C
	412-476-000	Fuse 100 mA		
	412-868-000	Jumper		
	413-075-000	Motor 24V DC, 75RPM 1 NM		
	413-081-000	Motor, 24 VDC 0,018 NM		
	413-917-000	Motor w. encoder.		
	414-061-000	Solid state relay		
	414-071-000	Solid state relay		
	415-079-000	Capacitor 10000 $\mu$ F 40V		
	415-180-000	Capacitor 6 $\mu$ F	Repl. 5 $\mu$ F 400V	
	416-408-000	Rectifier bridge		
	419-240-000	Microswitch w/dial		
	419-241-000	Microswitch w/slide		
	419-243-000	Gear motor, step		
	419-407-000	Step motor for optics		
	9604500170	Step motor for spindle		
	413-246-000	Pump	Repl. 419-598-000	
	452-091-000	Belt, drive		
	452-150-000	Tooth belt, 8MM T5	Repl. 452-101-000	
	452-109-000	Tooth belt, 3MR B=6 L=510		
	452-110-000	Tooth belt, 3MR B=6 L=270		
	452-111-000	Drive belt, 118MXL		
	452-113-000	Drive belt, MXL Z67 B=6.4		
	452-141-000	Drive belt.		
	459-791-000	Threaded hose, cou. 3/4"		
	459-792-000	Threaded hose, cou. 1/2"		

<i>Pos.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Notes</i>	<i>C</i>
		<b>Accessories/Kits:</b>		
	<b>300169</b>	<b>Kicker output kit</b>		
	213-083-000	Upgrade kit, old to new style vacuum motor	New part	
	9200900100	Adaptec 2944UW	New part	
	200-992-000	Drum sensor adjustment kit	New part	
	300019	Fan kit for processor	New part	
	049-447-000	FRm Guide for Typer I processor	New part	
	300169	Kicker motor kit	New part	
	411-425-000	RS232 cable for Dotmonitor and processor	New part	
	043-431-000	Jam Knife	New part	
	6600250070	SCSI cable	New part	
	067-180-000	Power chord J	New part	
	067-181-000	Power chord G	New part	
	067-182-000	Power chord GB	New part	

**Explanation**

Pos. No.	Part No.	Designation	Notes	C
<b>01</b>	<b>079-028-000</b>	<b>Step motor, assy.</b>		
	<del>254-105-000</del>	<del>Pulley.</del>	3	
	254-110-000	Belt.		
02	220-398-000	Drive roller, Magazine.		
	030-151-000	Pulley.		
03	022-611-000	Roller.		
04	212-806-000	Sensor, Empty roll or park, type B, assy.		
05	067-051-000	Motor, DC, compl.		
06	063-645-000	Finger nut.		
07	035-414-000	Split.		
08	254-073-000	Shaft, assy.		
09	056-293-000	End cap.		
10	052-052-000	Spike.		
	079-125-000	Spool shaft, assy.		

**Parts (1) listed below an assembly number (2) is main parts that is included in the assembly number**

**Assembly, subassembly or parts that is not shown, but can be ordered.**

**When Technical informations are released, and new are replacing (3) old numbers . Write in the new number yourself.**

"C" indicates consumable spareparts



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