



FAST & FLUID MANAGEMENT THE NETHERLANDS
 A Unit of IDEX Corporation
 P.O. Box 220 | 2170 AE Sassenheim
 Hub van Doorneweg 31 | 2171 KZ Sassenheim
 Telephone +31(0)252 240 842 | Fax +31(0)252 240 882 |
 www.fast-fluid.com

Recommended Spare Partlist

ET Medium

Quantity	Partnr.	Description	Page	Price
1	26482-SP	Pcb Main (CPU)	2235	
1	1861428-SP	Pcb Controler	2235	
1	1164070-SP	Motor Agit 20L	2226	
1	27290-SP	Motor Agit 6L	2221	
1	1855288-SP	INC 3mm short	1831	
1	1855289-SP	INC 3mm long	1831	
1	1855350-SP	INC 5mm	1831	
1	1861280-SP	Gearbelt,187L050,ETm	2220	
1	1861750-SP	Gearbelt,300L050,ETm	2225	
1	1861751-SP	Gearbelt,390L050,ETm	2255	
1	1861281-SP	Gearbelt,225L050,ETm	2220	
1	1862363-SP	Pump, Ceramic Gear incl Fittings	2250	
1	1808190-SP	Coupling Ceram.pump (set 2x)	2250	



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Recommended Spare Partlist

EuroAT

Quantity	Partnr.	Description	Page	Price
1	1863251-SP	Motor 220V	5521	
1	30564-SP	DVX Pump,assy,Ceramic,EAT	5535	
1	25927-SP	Stepper,Driver,Board	5550	
1	1863614-SP	Fuse,set,PCB,ac,board,EAT	5551	
1	1863615-SP	Fuse,set,PCB,ac,board,EAT	5551	
1	27323-SP	Dispense controller board	5551	
1	1812093-SP	Blade,punch>manual,55mm	5534	



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Recommended Spare Partlist

Ferraris

Quantity	Partnr.	Description	Page	
	2010821-SP	Complete Actuator Assy		
	1090130-SP	Transmission Belt Long		
	1090131-SP	Transmission Belt Short		
	2011037-SP	Inverter Programmed Ferraris		
	2010905-SP	Logic Board Programmed Ferraris		
	1068417-SP	Optical Sensor Board		
	1067723-SP	Actuator Control Board		
	1068667-SP	Proximity Switch M18		
	1090129-SP	Belt Upper Toothed		
	4000646-SP	Crown Wheel Kit		
	1068695-SP	Door Locking Magnet		
	1068703-SP	Microswitch with cable		



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Recommended Spare Partlist

Galileo

Quantity	Partnr.	Description	Page	
	2008833	Smooth vulcanized upperplate		
	1060210	Electromagnet Assembly		
	4000647/4000646	Crown		
	1068377	Schrack relay		
	1090126	Long transmission belt		
	1090125	Short transmission belt		
	4000407	Safety door lock + cable		
	1068417	Optical sensor board		
	2009334	Complete electronic (old version)		
	4000556	Complete electronic (NT version)		
	1062237	Inverter (old version)		
	1068600	Inverter Siemens 420 (NT version)		
	1067740-SP	Inverter new From SN 3500		
	4000761-SP	Inverter new From SN 3500 incl cooling kit		



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Recommended Spare Partlist

Hercules Digital

Quantity	Partnr.	Description	Page	
	1068582	Motor Brake Selector		
	1068595	Inverter Taian		
	1068377	Relais Shrak		
	1067689	Logic Board		
	2010118	Complete Electronic Assy		
	1068581	Electromagnetic Lock		
	1090125	Belt Poly Svil 914		
	1090126	Belt Poly Svil 1549		
	1092017	Bearing 6000		
	1090093	Belt Spz 2120		
	4000314	Complete Handle		
	2005698	Block Bush		
	3001521 or	Lock Nut DX/SX		
	2000899	Upper Disc Plate		
	2003856	Lower plate		
	1092016	Bearing 6010		
	2008310	Shutter		
	1068380	Control board		
	1067681	Transformer support board		
	1060214	Three phase motor		
	1092015	Bearing 6205		
	1092014	Bearing 6002		



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Recommended Spare Partlist

HA 150

Quantity	Partnr.	Description	Page	
1	1863370-SP	PCB,w.software	5220	
1	1861979-SP	Sensor 5 TableHomesensor	5221	
1	1861976-SP	Sensor 2/4/8, step.H./valve.H.Mi	5220	
1	1861978-SP	Sensor 4 Valveclosedsensor	5221	
1	1863284-SP	Sensor 6 Table position	5221	
1	1861943-SP	motor valve 80,805 0,24 i=245	5221	
1	1860567-SP	Motor Agit.geared DC404,148	5230	
1	1863708-SP	Motor Agit.404,938 From SN 710648	5230	
3	1862422-SP	Wheel,traversing,centric,35mm	5230	
1	1862749-SP	Powersupply,assy,TM300	5230	
1	1861975-SP	Sensor 1,cansensor assy	5230	
1	1812262-SP	Canister assy 2.3 L POM	5230	
1	1810560-SP	Ball valve assy 2 oz	5230	
1	1811074-SP	Wheel,driving,assy TM300	5235	
1	1853763-SP	Motor TT 404,603 + 3 screws	5235	
1	1362230-SP	O-ring,can,vit,15.88x2.62 (10pcs)	5250	
1	1863547-SP	Brush assy TMXL	5251	
1	1862721-SP	Motor micro brush 158-24-100	5251	
1	1801842-SP	Fork container brush	5251	
1	1810556-SP	Arm assy ballvalve	5254	
1	1863528-SP	Ballvalve 2005 disk (5 pcs)	5254	
1	1863528-SP	Ballvalve 2005 disk (5 pcs) + Tool	5254	
1	1810497-SP	Piston assy 2oz ballvalve	5254	



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Recommended Spare Partlist

Tintmaster Haircare

Quantity	Partnr.	Description	Page	
	1863309-SP	Display,assy,TMHC		
	1862980-SP	powersupply,assy,TMHC		
	1863281-SP	Powerboard,English/German,TMHC		
	1861943-SP	Motor,80.805.0,24V,i=245		
	1861988-SP	Stepmotor,2-fuse,HA2/4/6/TM		
	1812542-SP	Ballvalve&pumpt.assy POM,1-oz,TMHC		
	1863153-SP	Ballvalve&pump,1-oz,303,TMHC		
	1862989-SP	Ballvalve&pumpt.assy,1-oz,TMHC		
	1863308-SP	Motor,brush,with 3screw"s		
	1853763-SP	Motor 404.603 + 3 screws,TM		
	1863306-SP	Container,brush,assy,TMHC		
	1862972-SP	Can Sensor		
	1863237-SP	Hotwire, TMHC		



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Recommended Spare Partlist

Tintmaster 300

Quantity	Partnr.	Description	Page	
1	1863370-SP	PCB,TM300,w.software	4620	
1	1861980-SP	Sensor 5/6 TT home/pos disp2002	4620	
1	1861976-SP	Sensor 2/4/8, step.H./valve.H.Mi	4620	
1	1130071-SP	Motor,404156,incl screws TM300	4620/30	
1	A-08811BK-SP	Canister,assy,1,75,TM300	4630	
1	A-08810BK-SP	Can&pump, 1,75, fixed, TM300	4630	
1	A-08812K-SP	Pump,assy,TM300	4630	
3	1862422-SP	Wheel,traversing,centric,35mm	4630	
1	1862749-SP	Powersupply,assy,TM300	4630	
1	1861975-SP	Sensor 1,cansensor assy	4630	
1	1811074-SP	Wheel,driving,assy TM300	4630	
1	1860537-SP	Container+brush,kit,TM300	4640	
1	1153701-SP	Cable,brake,set,L=600 2 x bolt	4642	
1	4120925-SP	Pin,index,housing,assy,comp	4642	
1	1362230-SP	O-ring,can,vit,15.88x2.62 (10pcs)	4650	
1	A-08488-SP	Spring,valve,return(10pcs)	4650	
1	A-B015-SP	O-ring,BS015,set(25pcs)	4650	
1	A-03380-SP	Nozzle wiper, set, 21P/53P, 25pcs	4652	
1	A-03541B-SP	Nozzle, arm seal black, set (10pcs)	4652	
1	A-03534B-SP	Nozzle, out, f3/16 "53P, set 10pcs	4652	
4	A-BS122-SP	O-ring BS122 (valve/set) 10pcs	4652	
4	A-B011-SP	O-ring, BS011, nozzle 25 pcs	4652	
1	A-04075-SP	Solid, piston, teflon, set 10pcs	4652	



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Recommended Spare Partlist

Harbil Automatic 200-400 and 600

Quantity	Partnr.	Description	Page	Item
1	1602782-SP	Fuse10AT (10pcs)		
1	1861979-SP	sensor5,thomesen.assy,HA/TM From 25-07-05	4921	13
1	1861980-SP	Sensor5/6,TT.home/pos.Disp2002 Up to 24-07-05	4921	15
1	1863284-SP	Sensor 6,tablepos.TMXL From 25-07-05	4921	15
1	1861976-SP	sensor2,stepmot-assy,HA2/4/6TM	4921	8
1	1861982-SP	sensor8,vmidsen-assy,HA2/4/600	4921	18
1	1861978-SP	sensor4,vclosensor.HA2/4/6TM	4921	24
1	1861975-SP	Proximity switch cansensor 18mm	4930	21
1	1861943-SP	Valve motor, unit	4921	26
1	1862231-SP	Switch Safety	4920	22
1	1860745-SP	Fuse 3,15AT (10pcs)	4320	?
1	1862234-SP	Transformer 345VA,1*30V,2*115V	4920	8
1	1863370-SP	Powerboard 2002	4920	1
1	1862233-SP	Powersupply,disp.2002SD	4920	
1	1862442-SP	Keyboard QWERTZ	4311	4
1	1863148-SP	Keyboard,Qtronix,Qwerty,KIIINT	4941	1
1	1809161-SP	Container,brush,assy,2002SD	4950	28
1	1861240-SP	Brush,motor,with,screws,3pcs	4950	27
2	1862421-SP	Wheel,transferring,excentric,35mm		
4	1862422-SP	Wheel,transferring,centric,35mm	4931	15
1	1362230-SP	O-ring,can,vit,15,88x2,62 10st	4955	3
10	1862561-SP	O-ring valve,vit,6,00*2,00	4935	
10	1810932-SP	piston solid teflon, 2oz, 4-seals HA (for 1 pump)	4935	
1	1863528-SP	Ballvalve 2005,Disk 5pcs	4977	35
1	1863527-SP	Ballvalve 2005,Disk 5pcs+ Tool	4977	37
1	1861940-SP	Motor 80,805,0,24V,I=49 (HA200/400 TT)	4942	10
1	1862560-SP	Motor,GR53x30,PLG52 i=64,24V (HA600 TT)	4943	11
1	1862015-SP	Actuater,cantable,with screw8x	4915	25
1	1863480-SP	Repair kit,cable defect cantable.	4915	27
1	1860567-SP	Motor,geared DC 404.148,Ha-m/l (agitation)	4930	27
1	1864007-SP	To fit 1860567-SP in HA2/4/6 from SN 713625/713091/714443		
1	1864005-SP	New Agitation motor Fits all HA2002		



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Recommended Spare Partlist

Harbil Automatic 450 (Refill + High Speed)

Quantity	Partnr.	Description	Page	Item
1	1602782-SP	Fuse10AT (10pcs)	5731	19
1	1861979-SP	sensor5,thomesen.assy,HA/TM From 25-07-05	5720	15
1	1863284-SP	Sensor 6,tablepos.TMXL From 25-07-05	5720	30
1	1864020-SP	sensor2,4,HA450	5720	24
1	1861975-SP	Proximity switch cansensor 18mm	5730	25
1	1862231-SP	Switch Safety	5720	33
1	1863891-SP	Powersupply 48V 300W	5722	3
1	1863281-SP	Powerboard 2002 new	5720	28
1	1813952-SP	Container,brush,assy,HA450	5750	16
1	1814029-SP	Brush only HA450	5750	4
1	1863862-SP	Brush,motor,micro,screws,3pcs	5750	17
4	1862422-SP	Wheel, transferring, centric, 35mm	5730	28
1	1362230-SP	O-ring,can,vit,15,88x2,62 10st	5753	13
1	1861350-SP	O-ring,vit,23,52 x 1,78 10pcs (2oz)	5753	7
1	1863714-SP	O-ring,vit,38 x 2 10pcs (5oz)	5754	7
1	1863653-SP	O-ring,vit,52 x 2 10pcs (10oz)	5755	7
1	1810932-SP	piston solid teflon, 2oz, 4-seals HA (set for 10 pumps)	5753	9
1	1810933-SP	piston solid teflon, 5oz, 4-seals HA (set for 10 pumps)	5754	9
1	1813322-SP	piston solid teflon, 10oz, 4-seals HA (set for 10 pumps)	5755	9
1	1861349-SP	Ring, click tube, ballvalve (5 pcs)	5753	15
1	1863528-SP	Ballvalve 2005,Disk 5pcs	5753	24
1	1863527-SP	Ballvalve 2005,Disk 5pcs+ Tool	5753	24
1	1861940-SP	Motor 80,805,0,24V,I=49 (HA200/400 TT)	5721	6
1	1862560-SP	Motor, TT HA450	5730	?
1	1862015-SP	Actuater,cantable,with screw8x	5711	5
1	1863480-SP	Repair kit,cable defect cantable.	5711	
1	1863708-SP	Motor 404 938 Agitation	5731	20

HA450 REFILL

1	1814166-SP	Refill valve		
1	1814603-SP	Floater		
1	1864071-SP	Sensor Floater		

HA450 Speedset

1	1814849-SP	TT motor HA450		
1	1864500-SP	Piston Detector complete		
1	1815318-SP	Micro switch piston detector		



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Recommended Spare Partlist

Harbil Automatic 650

Quantity	Partnr.	Description	Page	Item
1	1602782-SP	Fuse10AT (10pcs)	6031	12
1	1861979-SP	sensor5,thomesen.assy,HA/TM From 25-07-05	6020	15
1	1863284-SP	Sensor 6,tablepos.TMXL From 25-07-05	6020	30
1	1864020-SP	sensor2,4,HA450	6020	24
1	1861975-SP	cansensor, assy	6030	31
1	1862231-SP	Switch Safety	6020	33
1	1863891-SP	Powersupply 48V 300W	6020	7
1	1863281-SP	Powerboard 2002 new	6020	28
1	1813952-SP	Container,brush,assy,HA650	6050	16
1	1814029-SP	Brush only HA450	6050	4
1	1863862-SP	Motor, brush, 24V, RPM6050	6050	8
4	1862422-SP	Wheel, transferring, centric, 35mm	6050	14
1	1362230-SP	O-ring,can,vit,15,88x2,62 10st	6053	13
1	1861350-SP	O-ring,vit,23,52 x 1,78 10pcs (2oz)	6053	7
1	1863714-SP	O-ring,vit,38 x 2 10pcs (5oz)	6054	7
1	1863653-SP	O-ring,vit,52 x 2 10pcs (10oz)	6055	7
1	1810932-SP	piston solid teflon, 2oz, 4-seals HA (set for 10 pumps)	6053	10
1	1810933-SP	piston solid teflon, 5oz, 4-seals HA (set for 10 pumps)	6054	10
1	1813322-SP	piston solid teflon, 10oz, 4-seals HA (set for 10 pumps)	6055	9
1	1861349-SP	Ring, click tube, ballvalve (5 pcs)	6054	15
1	1863528-SP	Ballvalve 2005,Disk 5pcs	6053	24x5
1	1863527-SP	Ballvalve 2005,Disk 5pcs+Tool	6053	24x5
1	1861943-SP	Motor 80,805,0,24V	6021	6
1	1814848-SP	Turntablemotorotor,TT HA650	6032	10
1	1862015-SP	Actuator,cantable,with screw8x	6011	5
1	1863480-SP	Repair kit,cable defect cantable.	6011	
1	1863708-SP	Motor 404 938 Agitation	6031	12
1	1864506-SP	Piston Detector complete		
1	1815318-SP	Micro switch piston detector		
1	1814166-SP	Refill valve		
1	1814603-SP	Floater Refill		
1	1864071-SP	Sensor Floater Refill		



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Recommended Spare Partlist

Harbil Automatic large

Quantity	Partnr.	Description	Page
1	1861373-SP	Power supply, agitation	2810
1	1175210-SP	Fuse 6,3A (10pcs)	2812
1	1170010-SP	Proximity switch 12mm	2820
1	1120280-SP	Proximity switch 8mm	2820
1	1170142-SP	Proximity switch cansensor 18mm	2820
1	1860075-SP	Valve motor, unit	2820
1	1272231-SP	Data cable	2823
1	1172160-SP	Fuse 2A (10pcs)	2823
1	1272118-SP	PCB, PU, serial, w.proc HABA	2823
1	1172182-SP	Transformer 220 VAC 2x 12 VAC	2823
1	1610450-SP	Fuse 5A (10pcs)	2825
1	1153701-SP	Brake cable cantable	2840
1	4120925-SP	Indexing pin, cantable	2840
1	1860567-SP	Stirring motor.	2850
3	1362230-SP	O-ring canister th.	2851
5	1860079-SP	O-ring valve, th. S(set 3pcs)	2852
1	4228202-SP	Pump tube gasket, 2-oz (10pcs)	2852
1	4228502-SP	Pump tube gasket, 5-oz (10pcs)	2852
5	4223210-SP	Teflon piston, 2-oz US (set 3pcs)	2852
5	4223510-SP	Teflon piston, 5-oz US (set 4pcs)	2852
5	1801755V-SP	Teflon valve, w. th. O-rings	2852
1	1807362-SP	Pulley + belt + Ha-l	2853
1	1166042-SP	motor turntable111376120000	
1	1861018-SP	Bearing & Housing + disk assy	2855
1	1807189-SP	Bearing & Housing + disk assy new	2855
1	1803857-SP	Brush set assy w. motor	2856
1	1160040-SP	Motor, brush, 12V, 27rpm, 8289038	2856
2	1862421-SP	Wheel traversing, excentr.35mm	
2	1862422-SP	Wheel traversing, centr. 35mm	



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Recommended Spare Partlist

Harbil Automatic medium

Quantity	Partnr.	Description	Page
1	1175210-SP	Fuse 6,3A (10pcs)	2712
1	1170010-SP	Proximity switch 12mm	2720
1	1120280-SP	Proximity switch 8mm	2720
1	1170142-SP	Proximity switch cansensor 18mm	2720
1	1860075-SP	Valve motor, unit	2720
1	1272231-SP	Data cable	2723
1	1172160-SP	Fuse 2A (10pcs)	2723
1	1172182-SP	Transformer 220 VAC 2x 12 VAC	2723
1	1272118-SP	PCB, PU, serial, w.proc HABA	2733
1	1153701-SP	Brake cable cantable	2740
1	4120925-SP	Indexing pin, cantable	2740
1	1861262-SP	Container with brush, Ham II	3856
1	1160040-SP	Motor, brush, 12V, 27rpm, 82869038	3856
1	1861240-SP	Motor, brush, 24V, 27rpm	
1	1860062-SP	Stirring motor.	2750
1	1860380-SP	Timing, belt HA-m, incl pulley	2750
3	1362230-SP	O-ring canister th.	2751
5	1860079-SP	O-ring valve, th. S(set 3pcs)	2752
1	4228202-SP	Pump tube gasket, 2-oz (10pcs)	2752
5	4223210-SP	Teflon piston, 2-oz US (set 3pcs)	2752
5	1801755V-SP	Teflon valve, w. th. O-rings	2752
1	1860076-SP	Turntable motor, HA-s/m	2754
1	1861018-SP	Bearing & housing + disk assy	2755
1	1807189-SP	Bearing & housing + disk assy (new)	2755
2	1862421-SP	Wheel traversing, excentr.35mm	
2	1862422-SP	Wheel traversing, centr. 35mm	



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Recommended Spare Partlist

Harbil Automatic small

Quantity	Partnr.	Description	Page
1	1175210-SP	Fuse 6,3A (10pcs)	2612
1	1170010-SP	Proximity switch 12mm	2620
1	1120280-SP	Proximity switch 8mm	2620
1	1170142-SP	Proximity switch cansensor 18mm	2620
1	1801949-SP	Valve motor, unit (1860075-SP)	2620
1	1272231-SP	Data cable	2623
1	1172160-SP	Fuse 2A (10pcs)	2623
1	1172182-SP	Transformer 220 VAC 2x 12 VAC	2623
1	1272118-SP	PCB, PU, serial, w.proc HABA	2633
1	1153701-SP	Brake cable cantable	2640
1	4120925-SP	Indexing pin, cantable	2640
1	1804256-SP	Container, n.cl, w/brush, HA-s	2656
1	1160040-SP	Motor, brush, 12V, 27rpm, 82869038	2656
1	1801952-SP	Container, w/brush, C=60, HA	2656
1	1860062-SP	Stirring motor.	2650
1	1860379-SP	Timing, belt HA-s, incl pulley	2650
3	1362230-SP	O-ring canister th.	2651
5	1860079-SP	O-ring valve, th. S(set 3pcs)	2652
1	4228202-SP	Pump tube gasket, 2-oz (10pcs)	2652
5	4223210-SP	Teflon piston, 2-oz US (set 3pcs)	2652
5	1801755V-SP	Teflon valve, w. th. O-rings	2652
1	1860076-SP	Turntable motor, HA-s/m	2654
1	1861018-SP	Bearing & housing + disk assy	2655
1	1807189-SP	Bearing & housing + disk assy (new)	2655
2	1862421-SP	Wheel traversing, excentr.35mm	
2	1862422-SP	Wheel traversing, centr. 35mm	



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Recommended Spare Partlist

Blendorama Tintmaster

Quantity	Partnr.	Description	Page
1	11775210-SP	Fuse 6,3A (10pcs)	2512
1	1170010-SP	Proximity switch 12mm	2520
1	1860666-SP	Proximity switch 18mm	2520
1	1170142-SP	Proximity switch cansensor 18mm	2520
1	1860535-SP	Motor assy valve	2522
1	1272231-SP	Data cable	2523
1	1172160-SP	Fuse 2A (10pcs)	2523
1	1272118-SP	PCB, PU, serial, w.proc HABA	2523
1	1172182-SP	Transformer 220 VAC 2x 12 VAC	2523
1	1153701-SP	Brake cable cantable	2540
1	4120925-SP	Indexing pin, cantable	2540
1	A-08071B-SP	Canister assy	2550
1	1860138-SP	Magnet assy Baf (set 2pcs)	2550
1	1860139-SP	Motor turn table assy BT16	2550
1	A-03380-SP	Nozzle wiper, pad (25pcs)	2552
1	A-03541B-SP	Nozzle, arm seal black (10pcs)	2552
1	A-03534B-SP	Nozzle, outlet (10pcs)	2552
4	A-BS122	O-ring valve pump	2552
4	A-B011	O-ring, BS011, nozzle	2552
5	A-03746-SP	Piston, kit BA-pump	2552
1	1860537-SP	Container + Brush	2555
1	1862564-SP	Motor turn table BT24/8+8 assy	



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Recommended Spare Partlist

SO100

Quantity	Partnr.	Description	Page
1	1861156-SP	Motor 180 W,230V50Hz,SO10,SO20	5610
1	1860487-SP	Spring leg assy S7	5600
1	1810488B-SP	Leafspring, set,SO100	5610
1	1812975-SP	Support spring, 2pcs,SO100	5610
1	1812963-SP	Motorgear, Bosch	5620
1	1068635-SP	Motor 24V, Cable	5620
1	2010390-SP	Proximity, can pressed	5620
1	1067708-SP	SO100,powerboard 1	5635
1	1175211-SP	Fuse,8A,250V,Traag,10pcs	5635
1	1863291-SP	Fuse,500mA T,5x20mm,set 10pcs	5635
1	1860745-SP	Fuse,3.15A,T,autom.,set,10pcs	5635
1	1863290-SP	Fuse,12.5A T,5x20mm,set 10pcs	5635
1	1813177-SP	Transformer 160VA,SO100	5635
1	1860672-SP	Solenoid	5640
1	1813178-SP	Flat,cable,SO100	5640
1	1067701-SP	SO100, Logicboard	5640
1	1813179-SP	Compl,emergency, button	5640
1	1068676-SP	Operator panel	5645



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Recommended Spare Partlist

SO300

Quantity	Partnr.	Description	Page
1	1810488-SP	Leaf spring SO300/400	5405
1	1807667-SP	Super strut,assy,4-pcs	5415
1	1862173-Sp	V-belt,SO-400,Micro	5420
1	1863357-SP	Clamping motor SO300	5420
2	1602121-SP	Bearing,UCF 203 D1	5420
1	1813169-SP	Sensor 5 Shake enable	5423
1	1813170-SP	Sensor 6 small/big cans	5423
1	1860672-SP	Magnet, solenoid, door	5430
1	1863466-SP	Switch door hinge lever SO300	5430
1	1863463-SP	Powerboard SO300	5435
1	1068676-SP	Operator Panel	5435
1	1863358-SP	Shake motor 750W 220V 50Hz 1Ph	5440
1	5108405-SP	V-belt 4L330	5440
1	1813168-SP	Cable Clamp motor	5420



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Recommended Spare Partlist

SK350

Quantity	Partnr.	Description	Page
1	1602782-SP	Fuse,T10A,set,10pcs	5810
1	1862172-SP	V-belt,SO400 micro	5815
1	1862880-SP	Motor,assy,shake,400W,SO20-A	5815
2	1175211-SP	F2,fuse,T8,shake motor	
2	1864139-SP	Superstrut,SK350/450/550,4 pcs	5815
1	1863357-SP	Clampingmotor,SK350	5820
1	1862173-SP	V-belt,clamp,S03/400	5820
2	1602121-SP	Bearing,UCF 204 D1	5820
2	1863695-SP	Cable,clampingmotor SK350	
1	1863008-SP	Capacitor,50muf,400W,motor	5830
1	1863007-SP	Capacitor,10muf,400W,SO20A	5830
1	1863009-SP	Relais,2CR3-92,400W motor	5830
1	1814370-SP	Powerboard,SK350	5830
1	1810562-SP	Trafo,powerunit,SO400	5830
1	1160200-SP	Switch,micro	5830
1	1860672-SP	Solenoid>manual,punch,HA	5830
1	1810429-SP	Belt,front,SO/SK	5835
1	1811350-SP	Spring leaf,door,SO/SK	5830



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Recommended Spare Partlist

SK450/550/SO400

Quantity	Partnr.	Description	Page
1	1810665-SP	Shake,motor,assy,SO-400	4515
1	1864139-SP	Super strut,assy,4-pcs (SK450 version)	4515
1	1862172-SP	V-belt,SO-400,Micro	4515
1	1862865-SP	Clamp,motor,assy,SO-400	4520
2	1602121-SP	Bearing,UCF 203 D1	4520
1	1810562-SP	Trafo,powerunit,SO400	4530
1	1860672-SP	Magnet, solenoid, door	4530
1	1160200-SP	Switch door	4530
1	1864250-SP	Powerboard,SO400	4530
1	1810299-SP	Display,keyboard,assy,SO400	4530
1	1810429-SP	Belt,door,SO400	4535
1	1810563-SP	Motor,assy,door,SO400	4535
1	1863715-SP	Powerboard,bi-directional,SK550	



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Recommended Spare Partlist

SO-40a

Quantity	Partnr.	Description	Page
1	1623120-SP	Spring can (5pcs)	1623
4	1807667-SP	Super strut	3210
1	1860745-SP	Fuse 3,15A (10pcs)	3214
1	1860343-SP	Fuse 5A (10pcs)	3214
1	1175210-SP	Fuse 6,3A (10pcs)	3214
1	1860746-SP	Printed Circuit Board SO-40a	3214
1	1860671-SP	Magnet, solenoid, door	3216
1	1602709-SP	Switch door	3216
1	5107009-SP	Swivelrod (2pcs)	3220
1	23364-SP	Motor clamping, gear unit (new, grey)	3221
1	5103142-SP	Motor clamping, gear unit (old, black)	3221
1	1621400-SP	Opto coupler	3222
1	1621422-SP	Opto coupler disk	3222
1	1602641-SP	Shake motor (750W)	3230



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Recommended Spare Partlist

SO-30m	
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Quantity	Partnr.	Description	Page
4	1665304-SP	Spring leg assy (3,2 mm spring)	3410
1	1860671-SP	Solenoid, door switch	3411
1	1602709-SP	Switch door	3416
1	1602120-SP	Belt-V A-31,5 (13x800)	3420
1	1602641-SP	Shake motor (750W)	3420
1	1642330-SP	Leadscrew assy	3430
1	1660836-SP	Plate rubber bottom	3430
1	1660218-SP	Plate rubber clamplate	3430
1	1660849-SP	Spring, wire, can (4pcs)	3430
1	1650990-SP	Swivel rod (2pcs)	3430
1	1172160-SP	Fuse 2A (10pcs)	3450
1	1175210-SP	Fuse 6,3A (10pcs)	3450
1	1860424-SP	PCB, w. processor	3450
1	1860306-SP	Trafo, 2x9V, 3,33A	3450



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Recommended Spare Partlist

SO-20a

Quantity	Partnr.	Description	Page
1	1602761-SP	Belt-V, A-30.5 (13x775)	3120
1	1861156-SP	Motor 180W	3120
2	1650990-SP	Swivel rod	3120
4	1665304-SP	Spring leg assy (3,2 mm spring)	3122
1	1862873-SP	Motor clamp, linear	3130
1	1860992-SP	Motor clamp, linear short	3130
1	1860745-SP	Fuse 3,15A,T (10pcs)	3150
1	1860740-SP	PCB, shaker SO20m	3150



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Recommended Spare Partlist

SO-10m	
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Quantity	Partnr.	Description	Page
1	1861156-SP	Motor 180W	3020
4	1860487-SP	Spring leg assy	3022
1	1172160-SP	Fuse 2A (10pcs)	3050
1	1860424-SP	PCB, w. processor	3050
1	1610540-SP	Shake relais	3050
1	1860306-SP	Trafo, 2x9V, 3,33A	3050