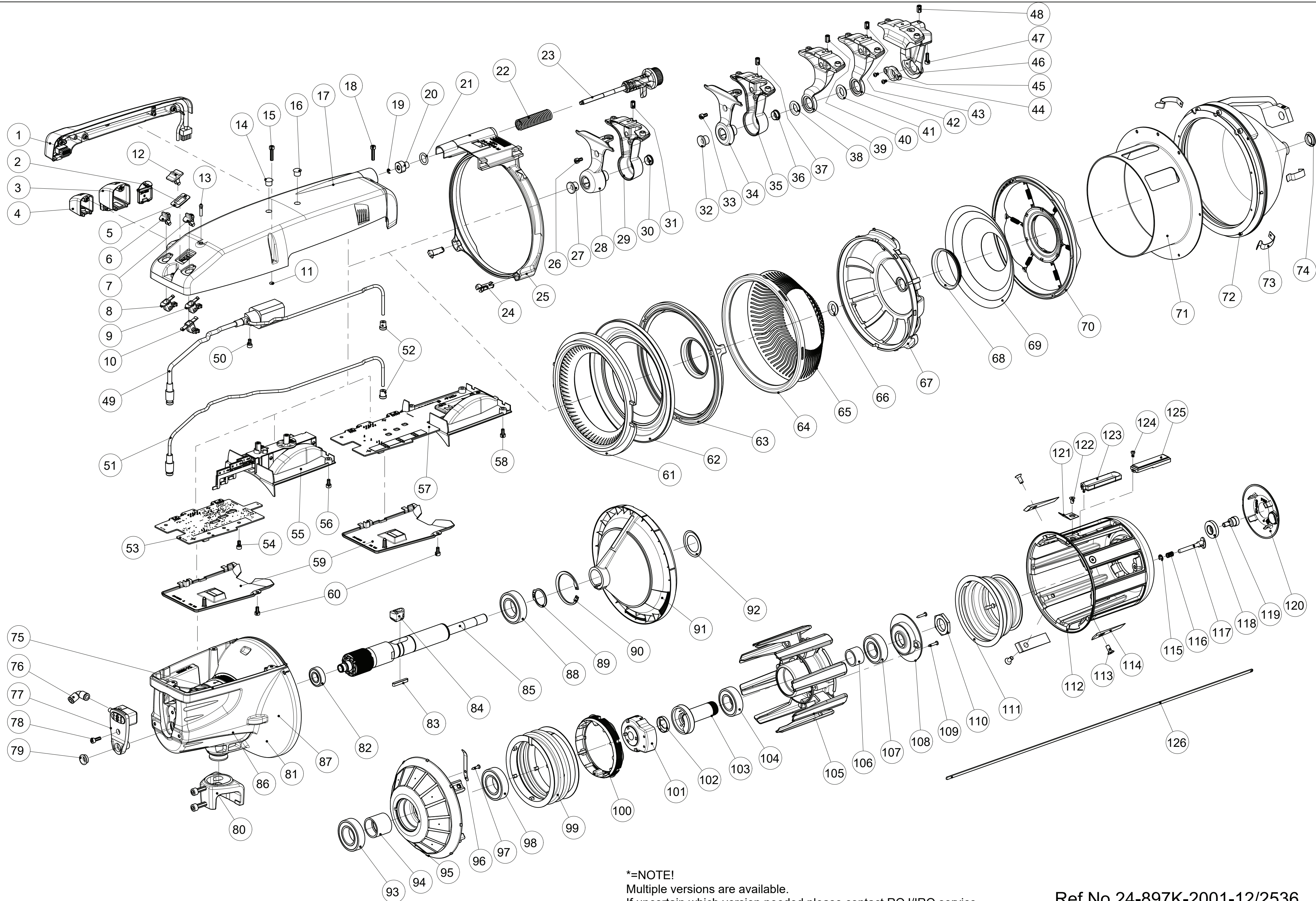


8024/8124 XD X3 - Exploded view



*=NOTE!

Multiple versions are available.

If uncertain which version needed please contact ROJ/IRO service.

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ROJ [®]	PAGE 1 (5)	Spare parts list for XD X3 O 8024-20/21/22/23/24/31/41-XXH XD X3 M 8124-20/21/22/23/24/31/41-XXH	REF. NO. 24-897K- 2001- 12/2536	
Parts specific only to one model are identified with □ in the valid column. XD X3 Optical sensor = O. XD X3 Mechanical sensor = M. Unmarked positions are common to both feeder models.				

Update: Pos. 61: 24-0261-002 was 54T00774, 24-0261-102 was 54T00775, 24-0261-202 was 54T00773, 24-0261-006 was 54T00783, 24-0261-106 was 54T00784, 24-0261-206 was 54T00782. Pos. 66 was 26A00057. Pos. 74 was 26A00058 Pos. 86 was 24-0578. Pos. 97 was 900-0479. Pos. 118 & 119 was 24-0722-R.

POS	PART NO	DESCRIPTION	O	M	REMARKS
1	24-0652-001	CABLE CHANNEL			
2	24-0611	CABLE COVER			
3	24-0803-1750	CONNECTION CABLE			
3	24-0803-3000	CONNECTION CABLE			Not valid for CAN communication
3	24-0803-5000	CONNECTION CABLE			Not valid for CAN communication
4	24-0653-R	CABLE COVER ACCESSORIES CPL.			
5	24-0721-R	ON/OFF SWITCH WITH MAGNET HOLD.			Incl. pos. 10, 12
6	24-0720-R	S/Z SWITCH WITH MAGNET HOLDER			Incl. pos. 8
7	24-0719-R	MAX/MIN HANDLE W MAGNET HOLDER		□	Incl. pos. 9
8	24-0720-R	S/Z SWITCH WITH MAGNET HOLDER			Incl. pos. 6
9	24-0719-R	MAX/MIN HANDLE W MAGNET HOLDER		□	Incl. pos. 7
10	24-0721-R	ON/OFF SWITCH WITH MAGNET HOLD.			Incl. pos. 5, 12
11	900-9355	O-RING			Package of 10 pcs.
12	24-0721-R	ON/OFF SWITCH WITH MAGNET HOLD.			Incl. pos. 5, 10
13	28-0041	LIGHT GUIDE			
14, 16	900-9375	PLUG	□		Package of 10 pcs.
15	900-0260	SCREW			Package of 10 pcs.
16, 14	900-9375	PLUG	□		Package of 10 pcs.
17	24-0796-000L	TOP COVER OPTO	□		
17	24-0796-001L	TOP COVER MEC		□	
17	24-0739-000L	TOP COVER		□	Together with cone kit 52T00218
18, 31, 37, 40, 43, 48	900-0495	SCREW			Package of 10 pcs.
19	900-9055	CIRCLIP			Package of 10 pcs.
20	24-0718-000	QUICK RELEASE ASSEMBLY KIT			Incl. pos. 19, 21, 22, 23
21	900-9353	O-RING			Package of 10 pcs.
22	24-0718-000	QUICK RELEASE ASSEMBLY KIT			Incl. pos. 19, 20, 21, 23
23	24-0718-000	QUICK RELEASE ASSEMBLY KIT			Incl. pos. 19, 20, 21, 22
24	24-0605	SNAP-IN CAGE			
25	24-0635-001	BRUSH HOLDER CPL			Full threading. Incl. pos. 20, 21, 24
25	24-0635-002	BRUSH HOLDER CPL			Half threading and non-threading. Incl. pos. 20, 21, 24
26, 33, 50, 54, 56, 58, 60	900-0117	SCREW			Package of 10 pcs.
27, 32	24-0591-001	CERAMIC EYELET			Package of 10 pcs.
27, 32	24-0591-002	CERAMIC EYELET POLISHED			Package of 10 pcs.
28	24-0648-001-R	NOSE 30° COVER			Full threading. Incl. pos. 27
28	24-0648-002	NOSE 30° COVER POLISHED EYELET			Full threading. Incl. pos. 27
29	24-0590-001L	NOSE 30° COMPLETE			Full threading. Incl. pos. 26, 27, 28, 30, 31
29	24-0590-002L	NOSE 30° COMPLETE POL. EYELETS			Full threading. Incl. pos. 26, 27, 28, 30, 31
30, 36, 79	900-6163-001	CERAMIC EYELET			Package of 10 pcs.
30, 36, 79	900-6163-003	CERAMIC EYELET POLISHED			Package of 10 pcs.
31, 18, 37, 40, 43, 48	900-0495	SCREW			Package of 10 pcs.
32, 27	24-0591-001	CERAMIC EYELET			Package of 10 pcs.
32, 27	24-0591-002	CERAMIC EYELET POLISHED			Package of 10 pcs.

	PAGE 2 (5)	Spare parts list for XD X3 O 8024-20/21/22/23/24/31/41-XXH XD X3 M 8124-20/21/22/23/24/31/41-XXH	REF. NO. 24-897K- 2001- 12/2536	
Parts specific only to one model are identified with □ in the valid column. XD X3 Optical sensor = O. XD X3 Mechanical sensor = M. Unmarked positions are common to both feeder models.				

POS	PART NO	DESCRIPTION	O	M	REMARKS
33, 26, 50, 54, 56, 58, 60	900-0117	SCREW			Package of 10 pcs.
34	24-0649-001	NOSE 42° COVER			Full threading. Incl. pos. 32
34	24-0649-002	NOSE 42° COVER POLISHED EYELET			Full threading. Incl. pos. 32
35	24-0590-003L	NOSE 42° COMPLETE			Full threading. Incl. pos. 32, 33, 34, 36, 37
35	24-0590-004L	NOSE 42° COMPLETE POL. EYELETS			Full threading. Incl. pos. 32, 33, 34, 36, 37
36, 30, 79	900-6163-001	CERAMIC EYELET			Package of 10 pcs.
36, 30, 79	900-6163-003	CERAMIC EYELET POLISHED			Package of 10 pcs.
37, 18, 31, 40, 43, 48	900-0495	SCREW			Package of 10 pcs.
38, 41	27-0479-001	CERAMIC EYELET			Half and non-threading. Package of 10 pcs.
38, 41	27-0479-002	CERAMIC EYELET POLISHED			Half and non-threading. Package of 10 pcs.
39	24-0735-001L	NOSE 30°			Half and non-threading. Incl. pos. 38, 40
39	24-0735-002L	NOSE 30° POLISHED EYELET			Half and non-threading. Incl. pos. 38, 40
40, 18, 31, 37, 43, 48	900-0495	SCREW			Package of 10 pcs.
41, 38	27-0479-001	CERAMIC EYELET			Half and non-threading. Package of 10 pcs.
41, 38	27-0479-002	CERAMIC EYELET POLISHED			Half and non-threading. Package of 10 pcs.
42	24-0585-001L	NOSE 42°			Half and non-threading
42	24-0585-002L	NOSE 42° POLISHED EYELET			Half and non-threading
43, 40, 18, 31, 37, 48	900-0495	SCREW			Package of 10 pcs.
44	900-0603	SCREW			Package of 10 pcs.
45	27-0887-001	CERAMIC EYELET			Package of 10 pcs.
45	27-0887-002	CERAMIC EYELET POLISHED			Package of 10 pcs.
46	24-0392-010L	NOSE COMPL.			55° Incl. pos. 44, 45, 47, 48
46	24-0392-011L	NOSE COMPL.			55° Polished eyelet. Incl. pos. 44, 45, 47, 48
47, 78	900-0218	SCREW			Package of 10 pcs.
48, 18, 31, 37, 40, 43	900-0495	SCREW			Package of 10 pcs.
49	24-0668	CYLINDER COMPL WITH AIR TUBE			For full threading brush ring push by air
50, 26, 33, 54, 56, 58, 60	900-0117	SCREW			Package of 10 pcs.
51	24-0709	AIR TUBE WITH RUBBER CONNECTOR			For full threading with quick release open
52	27-0817	RUBBER NIPPLE			
53	09E00681R00	CIRCUIT BOARD CHRONO X3 M		□	Stand alone
53	09E00681R10	CIRCUIT BOARD CHRONO X3 M		□	Promatech
53	09E00681R20	CIRCUIT BOARD CHRONO X3 M		□	Picanol
53	09E00681R30	CIRCUIT BOARD CHRONO X3 M		□	Dornier
53	09E00681R40	CIRCUIT BOARD CHRONO X3 M		□	Sultex
53	09E00681R50	CIRCUIT BOARD CHRONO X3 M		□	Van de Wiele
53	09E00681R60	CIRCUIT BOARD CHRONO X3 M		□	Smit
53	09E00811R10	CIRCUIT BOARD CHRONO X3 M		□	ITEMA 170V
54, 26, 33, 50, 56, 58, 60	900-0117	SCREW			Package of 10 pcs.
55	24-0599-001	SENSOR COMPL		□	
55	24-0599-002	SENSOR COMPL PLASMA		□	
56, 26, 33, 50, 54, 58, 60	900-0117	SCREW		□	Package of 10 pcs.
57	09E00680R00	CIRCUIT BOARD CHRONO X3 O	□		Incl. sensor. Wira, Stand alone
57	09E00680R10	CIRCUIT BOARD CHRONO X3 O	□		Incl. sensor. Promatech
57	09E00680R20	CIRCUIT BOARD CHRONO X3 O	□		Incl. sensor. Picanol

	PAGE 3 (5)	Spare parts list for XD X3 O 8024-20/21/22/23/24/31/41-XXH XD X3 M 8124-20/21/22/23/24/31/41-XXH	REF. NO. 24-897K- 2001- 12/2536	
Parts specific only to one model are identified with □ in the valid column. XD X3 Optical sensor = O. XD X3 Mechanical sensor = M. Unmarked positions are common to both feeder models.				

POS	PART NO	DESCRIPTION	O	M	REMARKS
57	09E00680R30	CIRCUIT BOARD CHRONO X3 O	□		Incl. sensor. Dornier
57	09E00680R40	CIRCUIT BOARD CHRONO X3 O	□		Incl. sensor. Sultex
57	09E00680R50	CIRCUIT BOARD CHRONO X3 O	□		Incl. sensor. Van de Wiele
57	09E00680R60	CIRCUIT BOARD CHRONO X3 O	□		Incl. sensor. Smit
57	09E00722R00	CIRCUIT BOARD CHRONO X3 O	□		Incl. HS sensor Wira, Stand alone
57	09E00722R10	CIRCUIT BOARD CHRONO X3 O	□		Incl. HS sensor Promatech
57	09E00722R20	CIRCUIT BOARD CHRONO X3 O	□		Incl. HS sensor Picanol
57	09E00722R30	CIRCUIT BOARD CHRONO X3 O	□		Incl. HS sensor Dornier
57	09E00722R40	CIRCUIT BOARD CHRONO X3 O	□		Incl. HS sensor Sultex
57	09E00722R50	CIRCUIT BOARD CHRONO X3 O	□		Incl. HS sensor Van de Wiele
57	09E00722R60	CIRCUIT BOARD CHRONO X3 O	□		Incl. HS sensor Smit
57	09E00810R10	CIRCUIT BOARD CHRONO X3 O	□		Incl. sensor ITEMA 170V
57	09E00829R10	CIRCUIT BOARD CHRONO X3 O	□		Incl. HS sensor ITEMA 170V
58, 26, 33, 50, 54, 56, 60	900-0117	SCREW	□		Package of 10 pcs.
59	24-0603	PROTECTION COVER			
60, 26, 33, 50, 54, 56, 58	900-0117	SCREW			Package of 10 pcs.
61	24-0261-001	BRUSH RING 135 mm Soft Z-rotation			Natural
61	24-0261-201	BRUSH RING 135 mm Soft Straight			Natural
61	24-0261-002	BRUSH RING 135 mm MEDIUM Z-rotation			Natural
61	24-0261-102	BRUSH RING 135 mm Medium S-rotation			Natural
61	24-0261-202	BRUSH RING 135 mm Medium Straight			Natural
61	24-0261-004	BRUSH RING 135 mm Medium Z-rotation			Synthetic
61	24-0261-104	BRUSH RING 135 mm Medium S-rotation			Synthetic
61	24-0261-204	BRUSH RING 135 mm Medium Straight			Synthetic
61	24-0261-005	BRUSH RING 135 mm Stiff Z-rotation			Synthetic
61	24-0261-105	BRUSH RING 135 mm Stiff S-rotation			Synthetic
61	24-0261-205	BRUSH RING 135 mm Stiff Straight			Synthetic
61	24-0261-006	BRUSH RING 135 mm X-stiff Z-rotation			Synthetic
61	24-0261-106	BRUSH RING 135 mm X-stiff S-rotation			Synthetic
61	24-0261-206	BRUSH RING 135 mm X-stiff Straight			Synthetic
61	24-0261-007	BRUSH RING 135 mm Stiff Z-rotation			Synthetic Recommend for fibreglass (diameter=110 mm)
61	24-0261-107	BRUSH RING 135 mm Stiff S-rotation			Synthetic Recommend for fibreglass (diameter=110 mm)
61	24-0261-207	BRUSH RING 135 mm Stiff Straight			Synthetic Recommend for fibreglass (diameter=110 mm)
62	24-0252-001	E-FLEX BRAKE 135 mm Soft			
62	24.0253.001	CONE FLEXBRAKE 135 mm 0,08			Strip only for E-flex soft
62	24-0252-102	E-FLEX BRAKE 135 mm Medium			
62	24.0253.002	CONE FLEXBRAKE 135 mm 0,10			Strip only for E-flex medium
62	24-0281-003	E-FLEX BRAKE 135 mm Stiff			
62	24-0281-103	E-FLEX BRAKE 135 mm X-stiff			
62	24.0253.007	CONE FLEXBRAKE 135 mm 0,15			Strip only for E-flex stiff & X-stiff
63	54T01059	M-FLEX SOFT			
63	54T01060	M-FLEX MEDIUM			
63	54T01061	M-FLEX STIFF			
64	24-0702-001	LAMELLA TENSIONER 135 mm Soft Z-rot. incl. nose piece			Incl. pos. 65, 66, 67 + 34, 42
64	24-0702-002	LAMELLA TENSIONER 135 mm Medium Z-rot. incl. nose piece			Incl. pos. 65, 66, 67 + 34, 42
64	24-0702-003	LAMELLA TENSIONER 135 mm Stiff Z-rot. incl. nose piece			Incl. pos. 65, 66, 67 + 34, 42

Parts specific only to one model are identified with □ in the valid column.

XD X3 Optical sensor = O.

XD X3 Mechanical sensor = M.

Unmarked positions are common to both feeder models.

POS	PART NO	DESCRIPTION	O	M	REMARKS
		LAMELLA TENSIONER 135 mm Soft Z-rot. incl. nose piece			Incl. pos. 64, 66, 67 + 34, 42
65	24-0702-001	LAMELLA TENSIONER 135 mm Medium Z-rot. incl. nose piece			Incl. pos. 64, 66, 67 + 34, 42
65	24-0702-002	LAMELLA TENSIONER 135 mm Stiff Z-rot. incl. nose piece			Incl. pos. 64, 66, 67 + 34, 42
65	24-0702-003	CERAMIC EYELET			Package of 10 pcs.
66	27-0479-001	LAMELLA TENSIONER 135 mm Soft Z-rot. incl. nose piece			Incl. pos. 64, 65, 66 + 34, 42
67	24-0702-001	LAMELLA TENSIONER 135 mm Medium Z-rot. incl. nose piece			Incl. pos. 64, 65, 66 + 34, 42
67	24-0702-002	LAMELLA TENSIONER 135 mm Stiff Z-rot. incl. nose piece			Incl. pos. 64, 65, 66 + 34, 42
67	24-0702-003	LOCKING RING			
68	24-0662	CONE CPL for S-flex 135 mm Soft			
69	43E00088	S-FLEX CONE 135 mm Standard			
69	24-0727-001	S-FLEX CONE 135 mm Stiff			
69	24-0727-002	S-FLEX BRACKET Soft			
70	24-0786-101	S-FLEX BRACKET Standard			
70	24-0786-002	S-FLEX BRACKET Stiff			
70	24-0786-003	S-FLEX BRAKE 135 mm Soft			Incl. pos. 68, 69
70	24-0699-101	S-FLEX BRAKE 135 mm Standard			Incl. pos. 68, 69
70	24-0699-002	S-FLEX BRAKE 135 mm Stiff			Incl. pos. 68, 69
70	24-0699-003	SWEEP BALLOON LIMITER			
71	35E00308	ANTIBALLOON KIT COMPL			Incl. pos. 71, 73, 74
72	56T00218	CLAMP FOR CONE			
73	24B00211	CERAMIC EYELET			Package of 10 pcs.
74	27-0479-002	PLUG			Package of 10 pcs.
75	27-0727	AIR CONNECTOR			
76	900-9296	VALVE COMPL.			Full threading. Incl. pos. 79
77	24-0617-001	VALVE COMPL.			Half threading. Incl. pos. 79
77	24-0617-002	VALVE COMPL.			Full threading, pol. eyelet. Incl. pos. 79
77	24-0617-011	VALVE COMPL.			Half threading, pol. eyelet. Incl. pos. 79
77	24-0617-012	COVER WITH EYELET			Incl. pos. 79
77	24-0633-001	COVER WITH EYELET			Polished eyelet. Incl. pos. 79
77	24-0633-011	SCREW			Package of 10 pcs.
78, 47	900-0218	CERAMIC EYELET			Package of 10 pcs.
79, 30, 36	900-6163-001	CERAMIC EYELET POLISHED			Package of 10 pcs.
79, 30, 36	900-6163-003	MOUNT COMPL			
80	24-0462	MOTOR CPL. SPARE PART KIT			Incl. pos. 82-90
81	24-0898-001K	MOTOR CPL. SPARE PART KIT			Polished rotor and eyelets Incl. pos. 82-90
81	24-0898-002K	MOTOR CPL. SPARE PART KIT			For ITEMA looms 170V. Incl. pos. 82-90
81	24-0898-101U	MOTOR CPL. SPARE PART KIT			Polished rotor and eyelet. For ITEMA looms 170V. Incl. pos. 82-90
81	24-0898-102U	BALL BEARING			Package of 10 pcs.
82	900-4061	KEY			Package of 10 pcs.
83	900-9314	CERAMIC EYELET			Package of 10 pcs.
84	900-6166	CERAMIC EYELET POLISHED			Package of 10 pcs.
84	900-6166-001	ROTOR CPL. SPARE PART KIT			Incl. pos. 82-84, 88-90
85	24-0899-001	ROTOR CPL. SPARE PART KIT			Polished. Incl. pos. 82-84, 88-90
85	24-0899-002	MAGNET FLANGE			
86	24-0578-R	SCREW			Package of 10 pcs.
87	900-0624	BALL BEARING			Package of 10 pcs.
88, 93, 98	900-4065	CIRCLIP			Package of 10 pcs.
89	900-9073	CIRCLIP			Package of 10 pcs.
90	900-9099	CIRCLIP			Package of 10 pcs.
91	24-0384-501	WINDING DISC COMPL			

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XD X3 Optical sensor = O.

XD X3 Mechanical sensor = M.

Unmarked positions are common to both feeder models.

POS	PART NO	DESCRIPTION	O	M	REMARKS
91	24-0384-502	WINDING DISC COMPL			Polished eyelet
92	24-0116	WASHER			
93, 88, 98	900-4065	BALL BEARING			Package of 10 pcs.
94	24-0058	SPACER			
95	24-0287	MAGNET RING COMPL WITH BELLOWS			Incl. pos. 93, 94, 96-100
95	24-0741-001	MAGNET RING COMPL.			Incl. pos. 93, 94, 96-98
96	24-0124	GROUND STRIP			
97	900-0551	SCREW			Package of 10 pcs.
98, 88, 93	900-4065	BALL BEARING			Package of 10 pcs.
99	24-0726	BELLOWS COMPL			Incl. pos. 100, 109
100	24-0726	BELLOWS COMPL			Incl. pos. 99, 109
101	24-0725	COUNTER WEIGHT ASSEMBLY KIT			Incl. pos. 103
102	24-0725	COUNTER WEIGHT ASSEMBLY KIT			Incl. pos. 102
103	24-0724-002	INCLINED HUB ASSEMBLY KIT			Incl. pos. 108, 110
103	24-0724-003	INCLINED HUB XL ASSEMBLY KIT			XL-separation. Incl. pos. 108, 110
103	24-0724-004	INCLINED HUB XS ASSEMBLY KIT			XS-separation. Incl. pos. 108, 110
104, 107	900-4064	BALL BEARING			Package of 10 pcs.
105	24-0141	TUMBLING CYLINDER			Incl. pos. 104, 106, 107
105	24-0141-001	TUMBLING CYLINDER			Plasma coated. Incl. pos. 104, 106, 107
105	24-0141-002	TUMBLING CYLINDER			One way bearing. Incl. pos. 104, 106, 107
105	24-0141-003	TUMBLING CYLINDER			One way bearing, plasma coated. Incl. pos. 104, 106, 107
105	24-0141-004	TUMBLING CYLINDER			XL-sep. Incl. pos. 104, 106, 107
105	24-0141-005	TUMBLING CYLINDER			XL-sep, plasma coated. Incl. pos. 104, 106, 107
105	24-0141-006	TUMBLING CYLINDER			XL-sep., one way bearing. Incl. pos. 104, 106, 107
105	24-0141-007	TUMBLING CYLINDER			XL-sep., one way bearing, plasma coated. Incl. pos. 104, 106, 107
105	24-0141-008	TUMBLING CYLINDER			XL-sep., sand blasted. Incl. pos. 104, 106, 107
106	24-0059	SPACER			
107, 104	900-4064	BALL BEARING			Package of 10 pcs.
108	24-0724-002	INCLINED HUB ASSEMBLY KIT			Incl. pos. 103, 110
108	24-0724-003	INCLINED HUB XL ASSEMBLY KIT			XL-separation. Incl. pos. 103, 110
108	24-0724-004	INCLINED HUB XS ASSEMBLY KIT			XS-separation. Incl. pos. 103, 110
109	900-0585	SCREW			Package of 10 pcs.
110	31-0350	NUT			
111	24-0242	BELLOWS			
112	24-0237	SPOOL BODY			
112	24-0237-001	SPOOL BODY			Extra polished
112	24-0237-002	SPOOL BODY			Ribbed front
112	24-0237-008	SPOOL BODY			Relaxing ramp + concave
112	24-0320	SPOOL BODY			Plasma coated
112	24-0320-001	SPOOL BODY			Plasma coated + XL-separation
112	24-0320-002	SPOOL BODY			Plasma coated + XL-sep. + relaxing ramps
112	24-0438-005	SPOOL BODY			Relaxing ramps + ribbed front
112	24-0438-006	SPOOL BODY			XL-separation
112	24-0438-010	SPOOL BODY			Rel. ramps + ribbed front + concave +blasting
113	900-0120	SCREW			Package of 10 pcs.
114	24-0695	RELAXATION RAMP			
115	900-9058	CIRCLIP			Package of 10 pcs.
116	24-0723	S/Z BUTTON ASSEMBLY KIT			Incl. pos. 115, 117
117	24-0723	S/Z BUTTON ASSEMBLY KIT			Incl. pos. 115, 116
118	24-0722	WASHER PACKAGE AND SCREW			Incl. pos. 119
119	24-0722	WASHER PACKAGE AND SCREW			Incl. pos. 118

	PAGE 6 (5)	Spare parts list for XD X3 O 8024-20/21/22/23/24/31/41-XXH XD X3 M 8124-20/21/22/23/24/31/41-XXH	REF. NO. 24-897K- 2001- 12/2536	
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POS	PART NO	DESCRIPTION	O	M	REMARKS
120	27-0160	CONE			
121	24-0244	YARN BREAK MIRROR	□		
122	900-0327-001	SCREW	□		Package of 10 pcs.
123	24-0245	INSERT		□	
124	900-0426	SCREW	□		Package of 10 pcs.
125	24-0422	REFLECTOR	□		
126	24-0174	THREADING NEEDLE			