

CONTENTS

Fig. 1	Frame	1
Fig. 2	Transmission	3
Fig. 3	Hydraulic system	5
Fig. 4	Engine	7
Fig. 5	Control system	11
Fig. 6	Rotor	13
Fig. 7	Feeding system	17
Fig. 8	Hopper	21
Fig. 9	Wiring	23
Fig. 10	Cover	25
Fig. 11	Sticker	27

Fig. 1 Frame

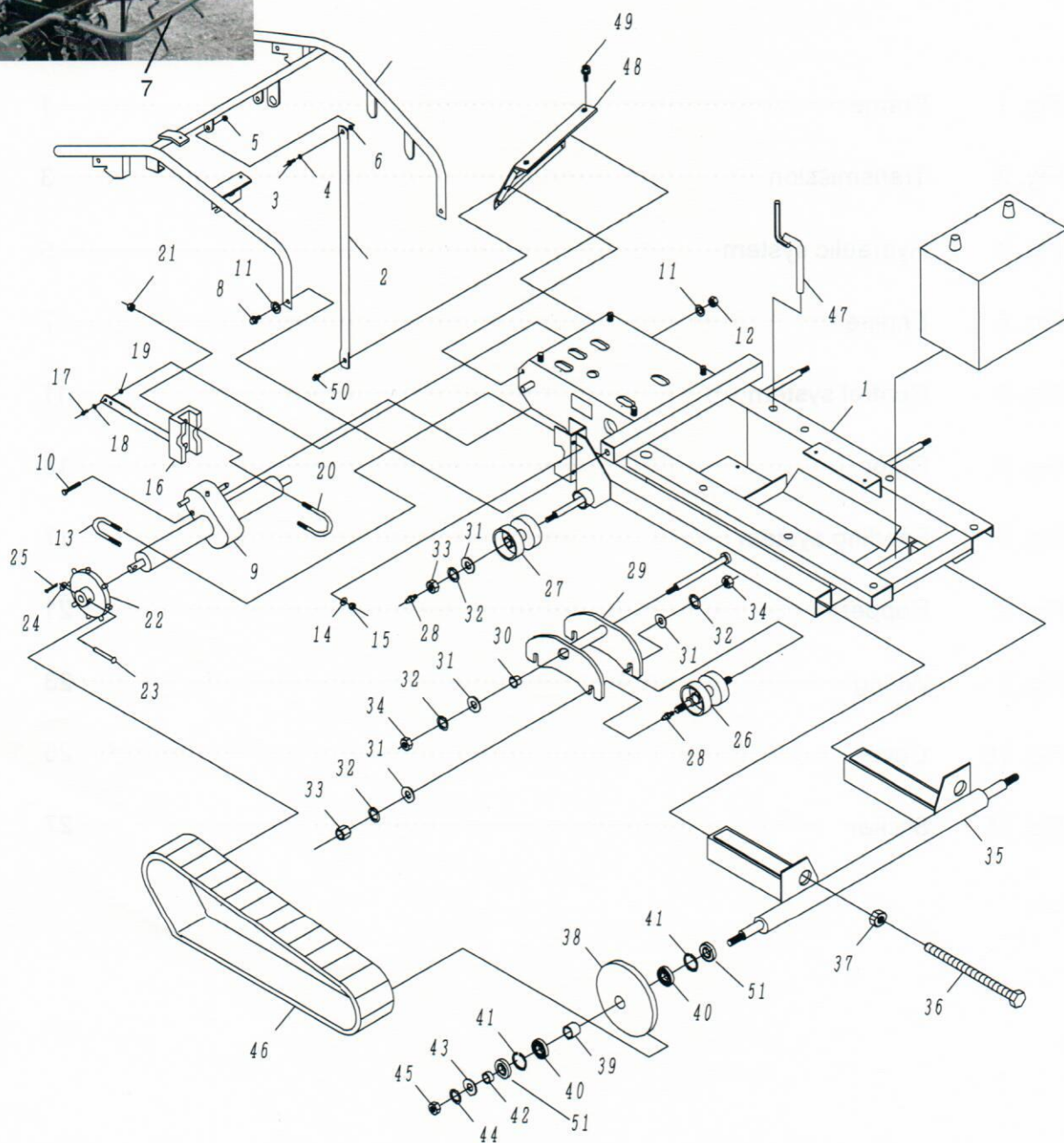


Fig. 1 Frame

No.	Part No.	Part name	Qty/unit	Remarks
1	12001010000	Main frame	1	
2	11101450000	Stiffening pipe	2	
3	A110802000C	Bolt	2	M8×20
4	A500800000C	Plain washer	2	φ8
5	A340800000C	U nut	2	M8
6	11101810000	Grommet	2	
7		Loop handle	1	
8	A161002500C	Bolt	2	M10×25 P2
9	11102200000	Transmission	1	
10	A111006000C	Bolt	1	M10×60
11	A501000000C	Plain washer	1	φ10
12	A361000000C	Nut with spring washer	1	M10
13	11102510000	U bolt	2	M10
14	A501000000C	Plain washer	4	φ10
15	A371000000C	Compact nut with spring washer	4	M10
16	11101550000	Frame stiffener	1	
17	A110802000C	Bolt	2	M8×20
18	A500800000C	Plain washer	2	φ8
19	A360800000C	Nut with spring washer	2	M8
20	11102510000	U bolt	1	M10
21	A361000000C	Nut with spring washer	2	M10
22	11102710000	Sprocket	2	
23	A621006000C	Round head pin	1	φ10×60
24	A501000000C	Plain washer	1	φ10
25	A602525000C	Split pin	1	φ2.5×25
26	11102600000	Track roller A	4	
27	11102610000	Track roller B	2	
28	9150-998060	Grease nipple	6	
29	11122220000	Track roller holder	2	
30	A7725253610	Dry plain bearing	4	
31	A501600000C	Plain washer	10	
32	A581600000C	Spring washer	10	
33	A331423000C	High nut	6	
34	A311600000C	Nut	4	
35	11122010000	Idle wheel frame	1	
36	A111615000C	Bolt	2	M16×150
37	A311600000C	Nut	2	M16
38	11501170000	Idle wheel	2	
39	11102030000	Spacer	2	
40	A70600502ZZ	Bearing	4	6005ZZ
41	A72R4700000	Snap ring	4	
42	11102040000	Spacer (2)	2	
43	A501645370C	Plain washer	2	t4.5×16×37
44	A581600000C	Spring washer	2	M16
45	A311600000C	Nut	2	M16
46	11122230000	Rubber crawler	2	
47	11126570000	Rotor lock pin	1	
48	11115350000	Shift cover	1	
49	A170601200C	Upset hexagon bolt	4	M6×12 P3
50	A140802000C	Bolt	2	M8×20 P3
51	A8030470700	Oil seal	2	30 47 7

Fig. 2 Transmission

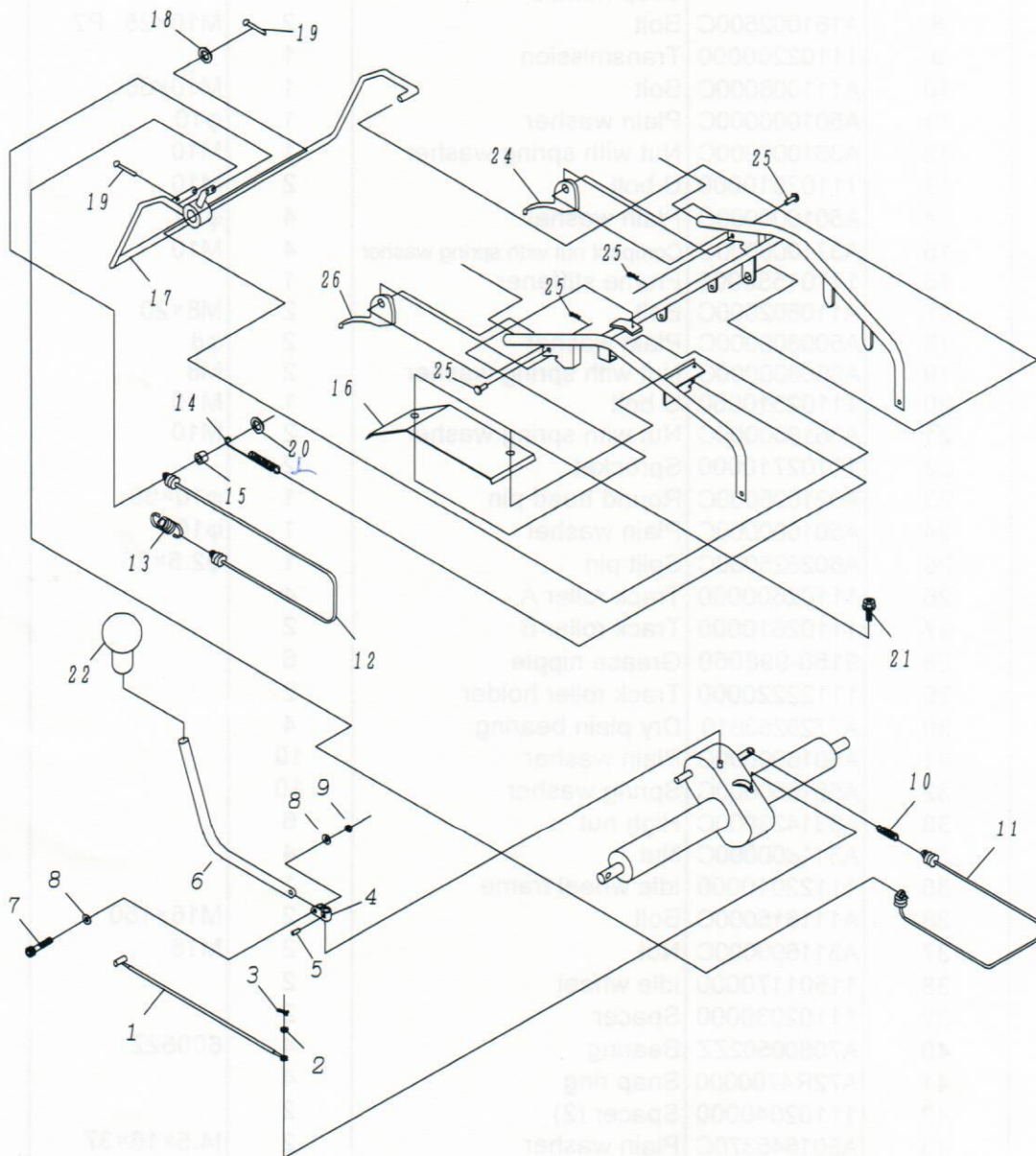


Fig. 2 Transmission

No.	Part No.	Part name	Qty/unit	Remarks
1	11102950000	Side clutch wire	2	
2	A500600000A	Plain washer	2	φ6
3	A610600001C	R pin	2	
4	11115310000	Shift lever joint	1	
5	A655025000C	Spring pin	1	M5×25
6	11115300001	Shift lever	1	
7	A240603000C	Hexagon socket bolt	1	M6×30
8	A500600000C	Plain washer	2	φ6
9	A340600000C	U nut	1	M6
10	11105230000	Transmission brake spring	1	
11	11102810000	Parking brake wire	1	
12	11105610000	Transport clutch wire	1	
13	11104530000	Transmission tension spring	1	
14	11105150000	Transport lever spring	1	
15	11105130000	Spring spacer	1	
16	11125710000	Transport wire cover	1	
17	11105110100	Brake handle	1	
18	A501000000C	Plain washer	1	φ10
19	A602525000C	Split pin	5	φ2.5×25
20	A501016180C	Plain washer	4	t1.6×10×18
21	A170601600C	Upset hexagon bolt	2	M6×16
22	A7801202000	Lever grip	1	
23				
24	11101411200	Left Turning Control Lever	1	
25	11101411210	Lever mounting part	2	
26	11101411300	Right Turning Control Lever	1	

Fig. 3 Hydraulic system

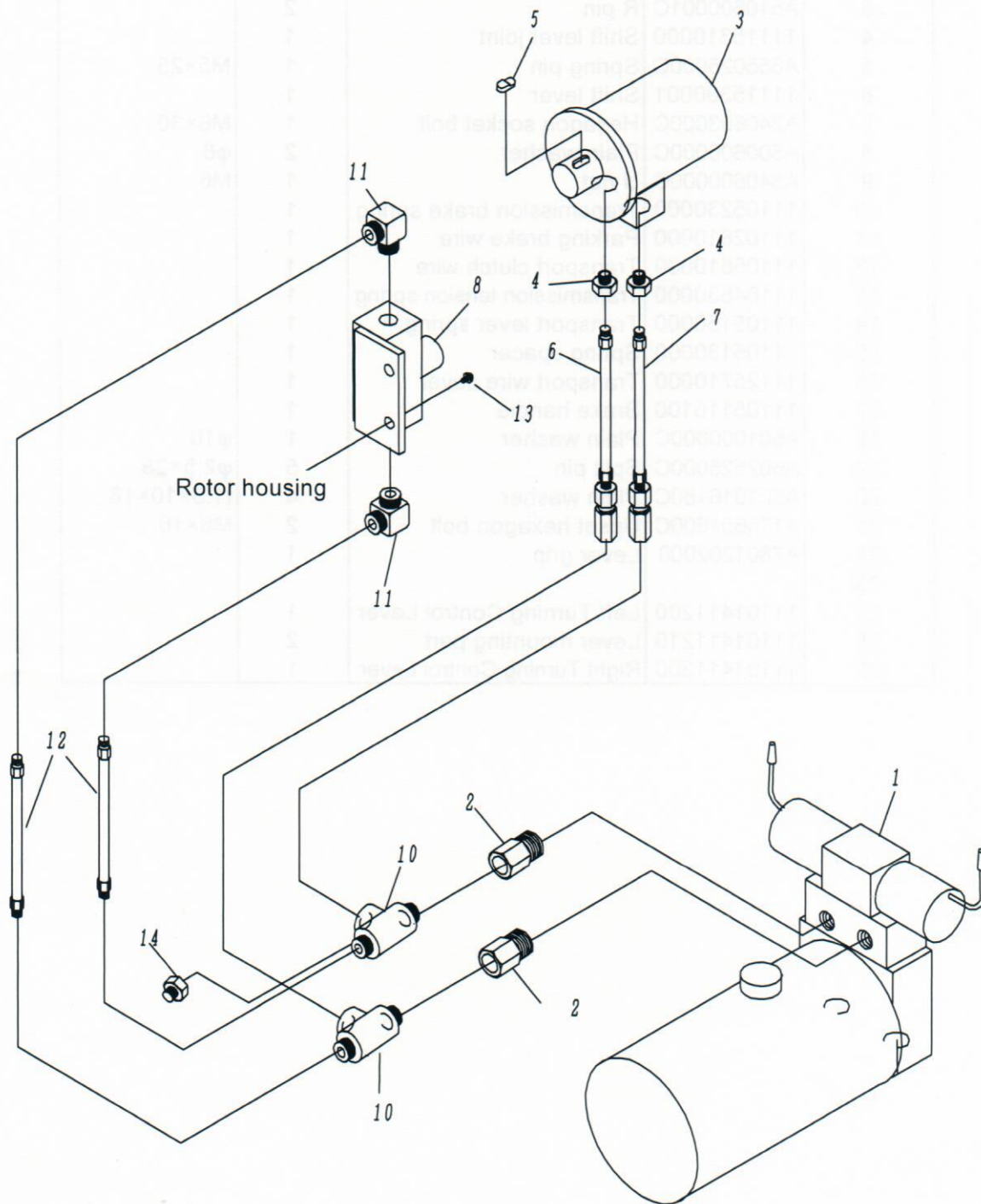


Fig. 3 Hydraulic system

No.	Part No.	Part name	Qty/unit	Remarks
1	12003110000	Hydraulic pump and tank	1	SSO-07
2	12003550000	Adopter	2	
3	11107620000	Hydraulic motor	1	
4	11107630000	Adopter	2	
5	11109530000	Parallel key	1	
6	11123510000	Hose (A)	1	ø530
7	11123520000	Hose (B)	1	ø500
* 8	21123730000	Flow controller	1	
10	12003570000	Adopter	2	T-G1-R-RC
* 11	21103540000	Adopter	2	SR-34
* 12	21123750000	Hydraulic hose	2	ø450
* 13	A170602000C	Upset hexagon bolt	2	M6×20 P3
14	12003590000	Adopter (plug)	2	MS-4-6

* For GS130GHB only.

Fig. 4 Engine

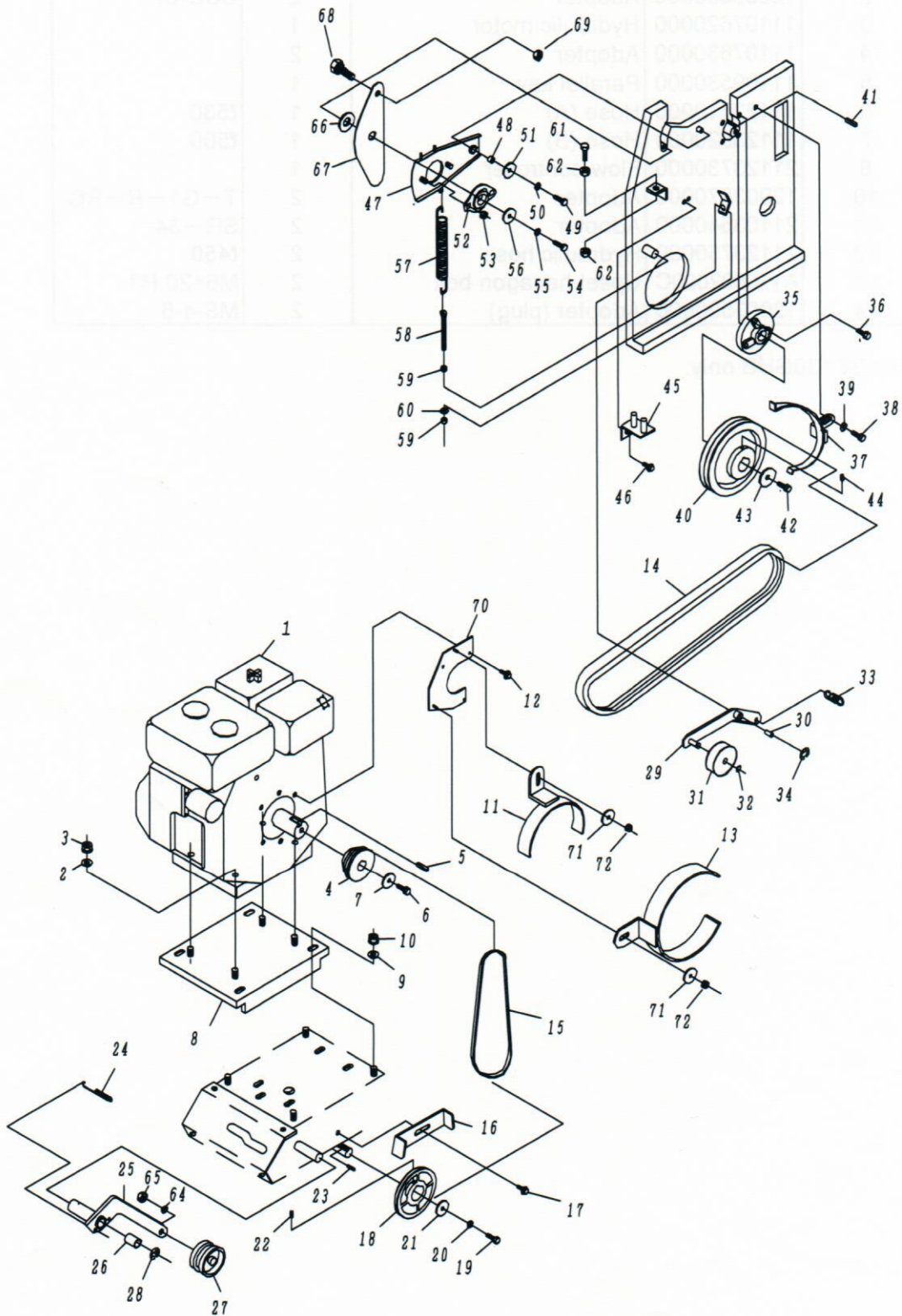


Fig. 4 Engine

No.	Part No.	Part name	Qty/unit	Remarks
1	81120240400	Engine	1	
2	A501032250C	Plain washer	4	t3.2×11×25
3	A361000000C	Nut with spring washer	4	M10
4	11124150000	Engine pulley	1	
5	005-30073-51	Parallel key	1	
6	011-01003-00	Bolt	1	P2
7	020-01002-20	Plain washer	1	
8	11114050000	Engine base	1	
9	A501032250C	Plain washer	4	t3.2×11×25
10	A361000000C	Nut with spring washer	4	M10
11	11124370000	Transport belt stay (1)	1	
12	A140802000C	Bolt	1	M8×20 P3
13	11124380000	Rotor belt stay (1)	1	
14	A813V030800	Rotor belt	1	3R-3V-800
15	A81SA010038	Transport belt	1	SA-38
16	11114680000	Transport belt stay (2)	1	
17	A140802000C	Bolt	1	M8×20 P3
18	11114560010	Transmission pulley	1	
19	A110601800C	Bolt	1	M6×18
20	A580600000C	Spring washer	1	M6
21	A500632300C	Plain washer	1	t3.2×6.5×30
22	A250801000C	Hexagon socket set screw	1	M8×10
23	A680505250A	Parallel key	1	5×5×25 one rounded, one square ended
24	11104540000	Transmission tension spring	1	
25	11104510000	Transmission tension arm	1	
26	A7716150000	Dry plain bearing	2	
27	11104610000	Tension pulley	1	
28	A751200000C	E ring	1	E-12
29	11124710000	Rotor tension arm	1	
30	A7718150000	Dry plain bearing	2	
31	A8401070470	Idler	1	
32	A71S1500000	Snap ring	1	S-15
33	11124730000	Rotor tension spring	1	
34	A751500000C	E ring	1	E-15
35	A7020206000	Ball bearing unit	1	
36	A161004000C	Bolt	4	M10×40 P2
37	11124790000	Rotor belt stay (2)	1	
38	A161002000C	Bolt	1	M10×20 P2
39	A501032250C	Plain washer	1	t3.2×11×25
40	11124760000	Rotor pulley (1)	1	
41	A680807450A	Parallel key	1	8×7×45
42	A161002500C	Bolt	1	M10×25 P2
43	A501045500C	Plain washer	1	t6×11×49
44	A251002000A	Hexagon socket set screw	1	M10×20
45	11124810000	Rotor belt stay (3)	1	
46	A140801600C	Bolt	2	M8×16 P3
47	11127430000	Feed arm (right)	1	
48	A7720250000	Dry plain bearing	1	
49	A110802000C	Bolt	1	M8×20
50	A580800000C	Spring washer	1	M8

Fig. 4 Engine

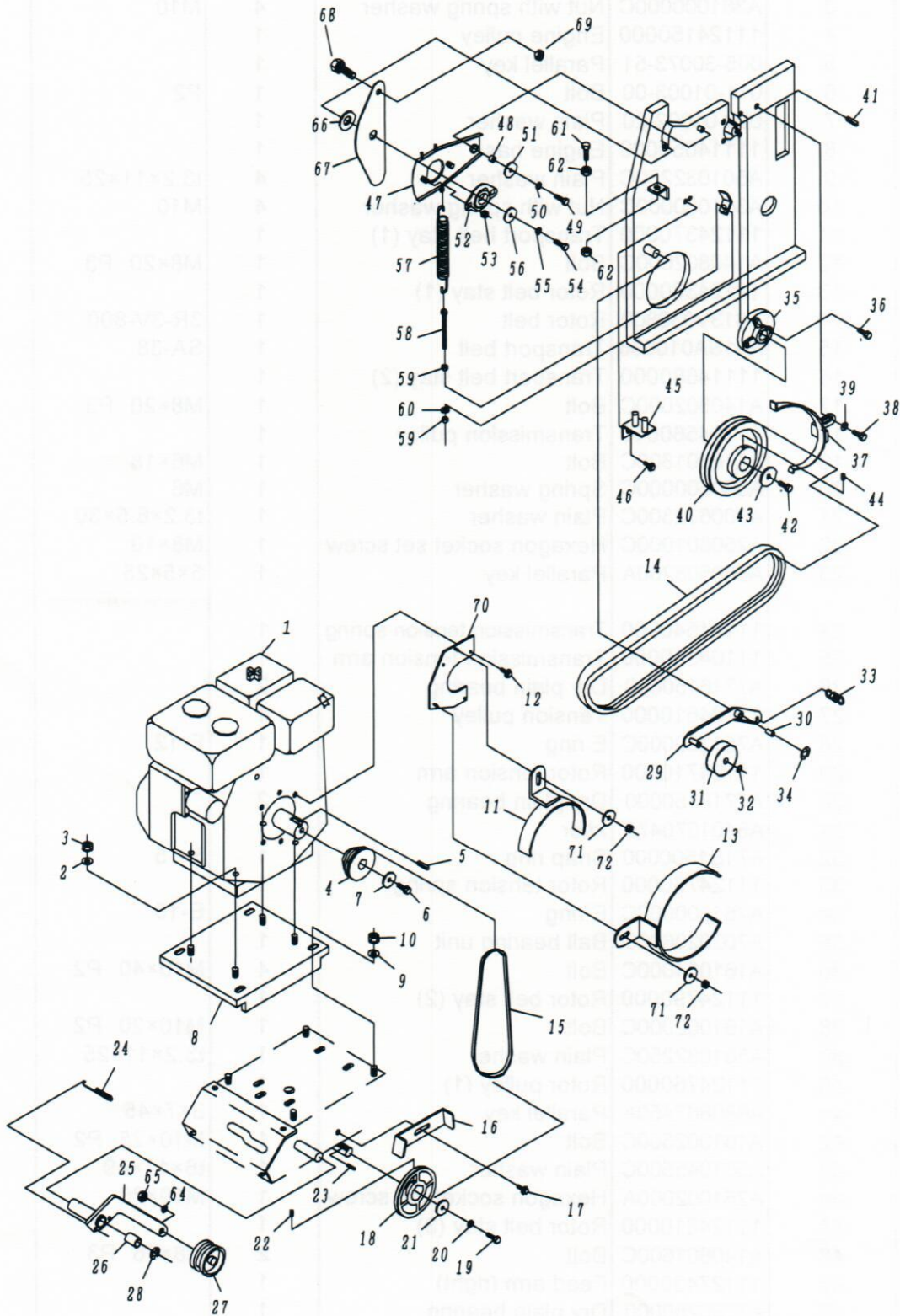


Fig. 4 Engine

No.	Part No.	Part name	Qty/unit	Remarks
51	A500832350C	Plain washer	1	t3.2×9×35
52	A7055205000	Oval flange units	1	
53	A360800000C	Nut with spring washer	2	M8
54	A110802000C	Bolt	1	M8×20
55	A580800000C	Spring washer	1	M8
56	A500832350C	Plain washer	1	t3.2×9×35
57	11107710000	Feed roller spring	1	
58	11107730000	Feed spring adjuster	1	
59	A311000000C	Nut	2	M10
60	A501000000C	Plain washer	1	φ10
61	A111004500C	Bolt	1	M10×45
62	A311000002C	Hexagon jam nut	1	M10
63	A311200002C	Nut	1	M12
64	A581200000C	Spring washer	1	M12
65	A311200002C	Nut	1	M12
66	11117550000	Unit BB guard	1	
67	11127580000	Chip guard (right)	1	
68	A070601600C	Weld bolt	1	M6×16
69	A340600000C	U nut	1	M6
70	11124280000	Belt stay base	1	
71	A501032250C	Plain washer	2	t3.2×11×25
72	A361000000C	Nut with spring washer	2	M10

Fig. 5 Control system

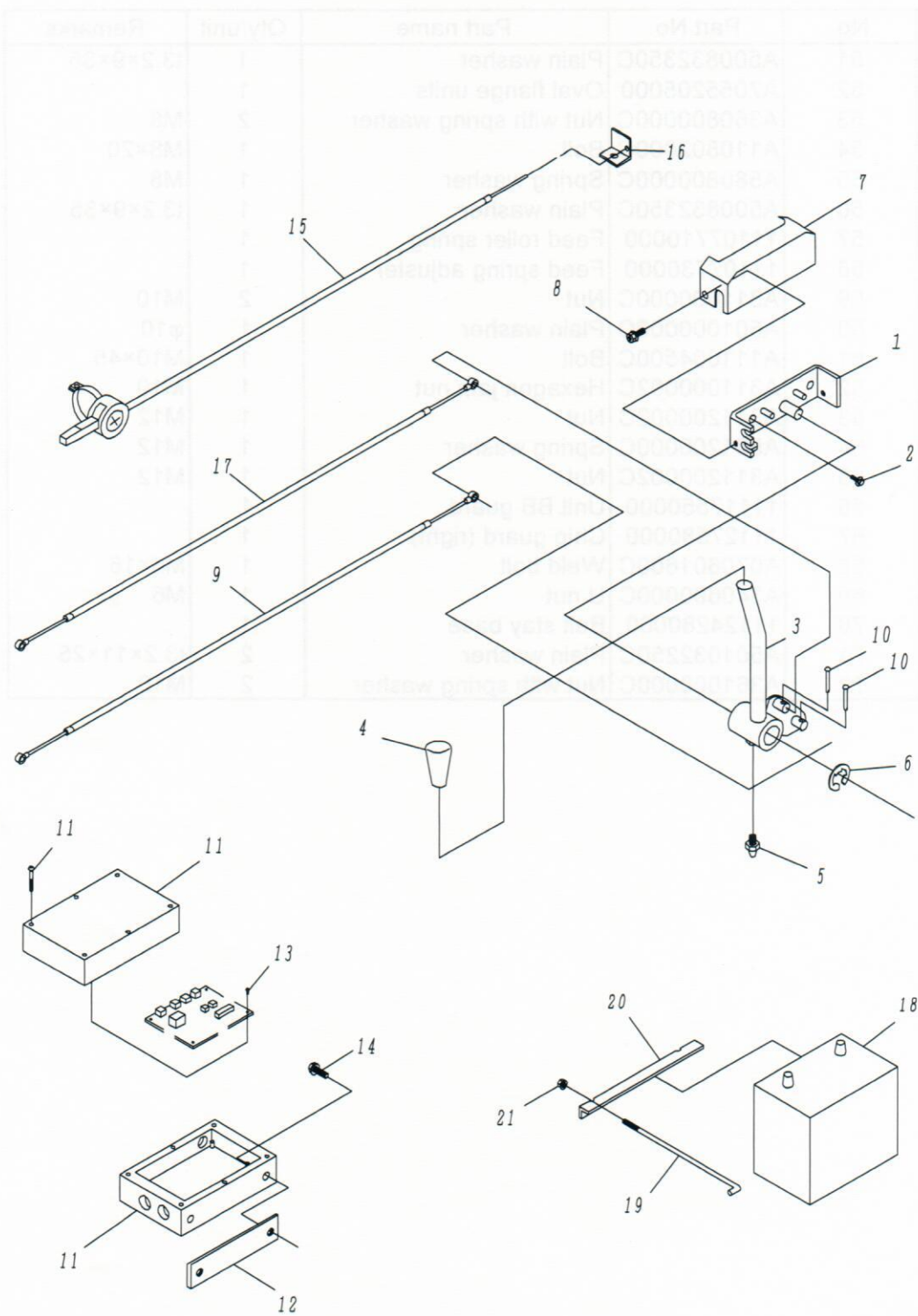


Fig. 5 Control system

No.	Part No.	Part name	Qty/unit	Remarks
1	11105550001	Rotor clutch bracket	1	
2	A140802000C	Bolt	2	M8×18 P3
3	11125570000	Rotor clutch lever	1	
4	A78N2010012	Rubber grip	1	
5	9150-998060	Grease nipple	1	
6	A751200000C	E ring	1	E-12
7	11125590000	Rotor clutch lever case	1	
8	A170601600C	Upset hexagon bolt	2	M6×16
9	11105600000	Rotor clutch wire	1	
10	A602020000C	Split pin	1	φ2×20
11	11125720000	Control box ASSY	1	
12	11105730001	Control box setting plate	1	
13	A270300800C	Cross-recessed tapping screw	8	M3×8
14	A170601600C	Upset hexagon bolt	2	M6×16
15	11105650000	Throttle wire ASSY	1	
16	11104250000	Throttle wire stopper	1	
17	11125620000	Pump clutch wire	1	
18	11129610000	Battery	1	
19	1151-662010	Battery stay	2	
20	1151-662020	Battery holder	1	
21	A440600000C	Terminal nut	2	M6

Fig. 6 Rotor

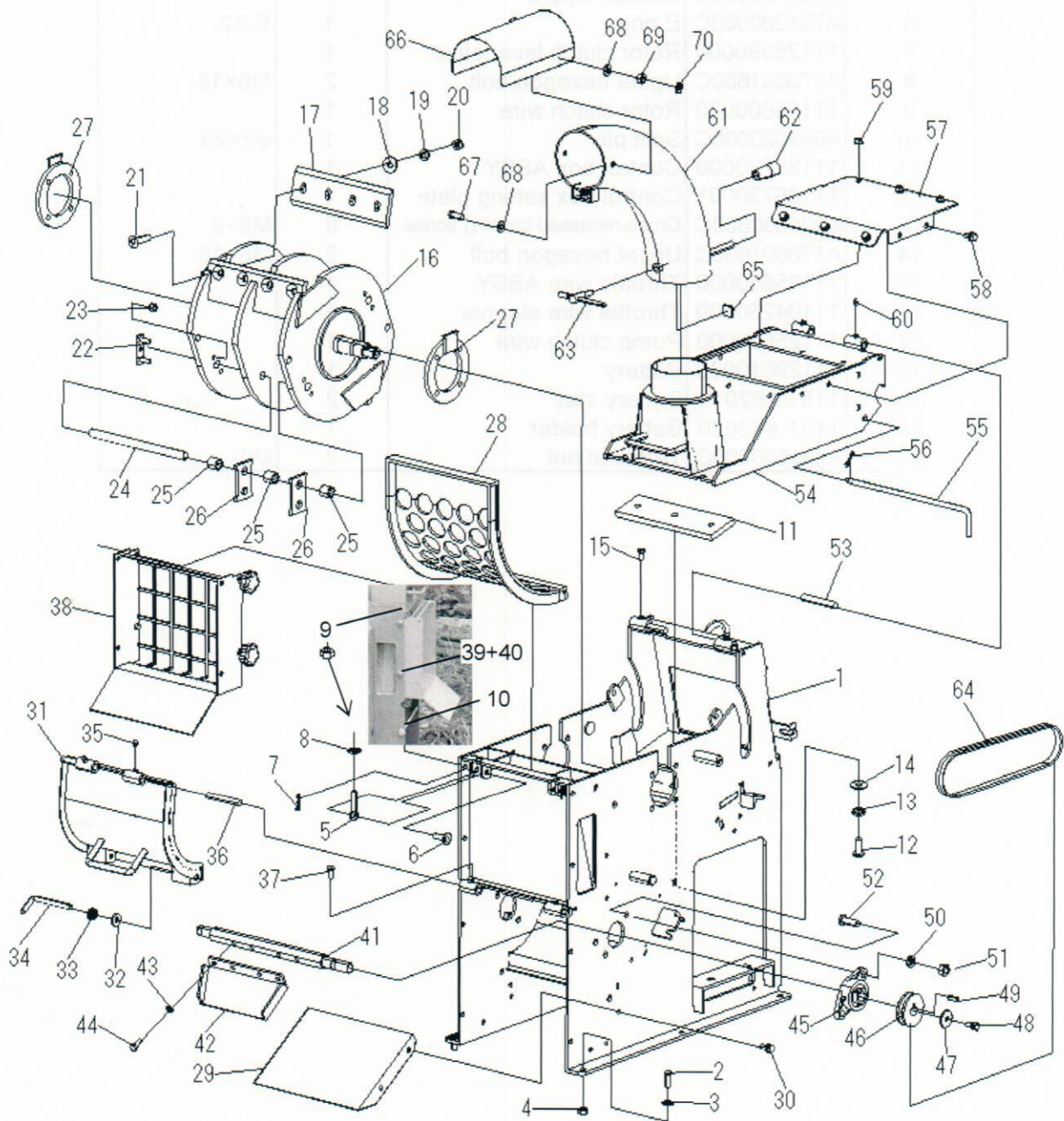


Fig. 6 Rotor

No.	Part No.	Part name	Qty/unit	Remarks
1	12006010000	Rotor housing	1	
2	A111002500C	Bolt	6	M10×25
3	A501000000C	Plain washer	6	φ10
4	A361000000C	Nut with spring washer	6	M10
5	11106013000	Bolt	2	M10
6	A631003000C	Flat head pin	2	φ10×30
7	A611000000C	R pin	2	φ10
8	A501032250C	Plain washer	2	t3.2×11×25
9		Nut	2	M10
10		Safety bolt	1	
11	11126320000	Counter knife	1	
12	A11123014A	Bolt	3	M12×30
13	A581200000C	Spring washer	3	M12
14	A501232310C	Plain washer	3	t3.2×12.5×31
15	A110601200C	Bolt	2	M6×12
16	11106210000	Rotor shaft	1	
17	11106220000	Chipper knife	2	
18	A501232310A	Plain washer	8	t3.2×12.5×31
19	A581200000C	Spring washer	8	M12
20	A3112020000	Nut	8	M12 45C
21	A231204004C	Hexagon socket flush screw	8	M12×40
22	11116280001	Shredder knife shaft holder	4	
23	A360800000C	Nut with spring washer	8	M8
24	11106270000	Shredder knife shaft	2	
25	11106290000	Spacer	12	
26	11106250000	Shredder knife	8	
27	11106180000	Inner ring	2	
28	12006624000	Screen	1	φ40 (regular size)
29	12006160000	Low dispatch guide	1	
30	A140802000C	Bolt	4	M8×20 P3
31	12006410000	Blower cover	1	
32	11106620300	Set spring	2	
33	A5410000000	Push nut	2	M10
34	12006490000	Blower cover pin	2	
35	9150-998060	Grease nipple	2	
36	11106610600	Pin	2	φ12×80
37	A250601600A	Hexagon socket set screw	2	M6×16
38	12006680000	Safety guard	1	
39		Bolt, spring washer, plain washer	4	M8
40		Nut	4	M8
41	12006430000	Blower shaft	1	
42	12006450000	Blower fin	2	
43	A580800000C	Spring washer	8	M8
44	A110801801C	Bolt	8	M8×18-8T
45	A7030C20400	Blower bearing unit	2	UCFL204
46	12004930000	Blower pulley	1	
47	A500832350C	Plain washer	1	t3.2×8.5×35
48	A160802000C	Bolt	1	M8×20 P2
49	A680606200A	Parallel key	1	6×6.3×20 one rounded, one square ended
50	A581200000C	Spring washer	2	M12

Fig. 6 Rotor

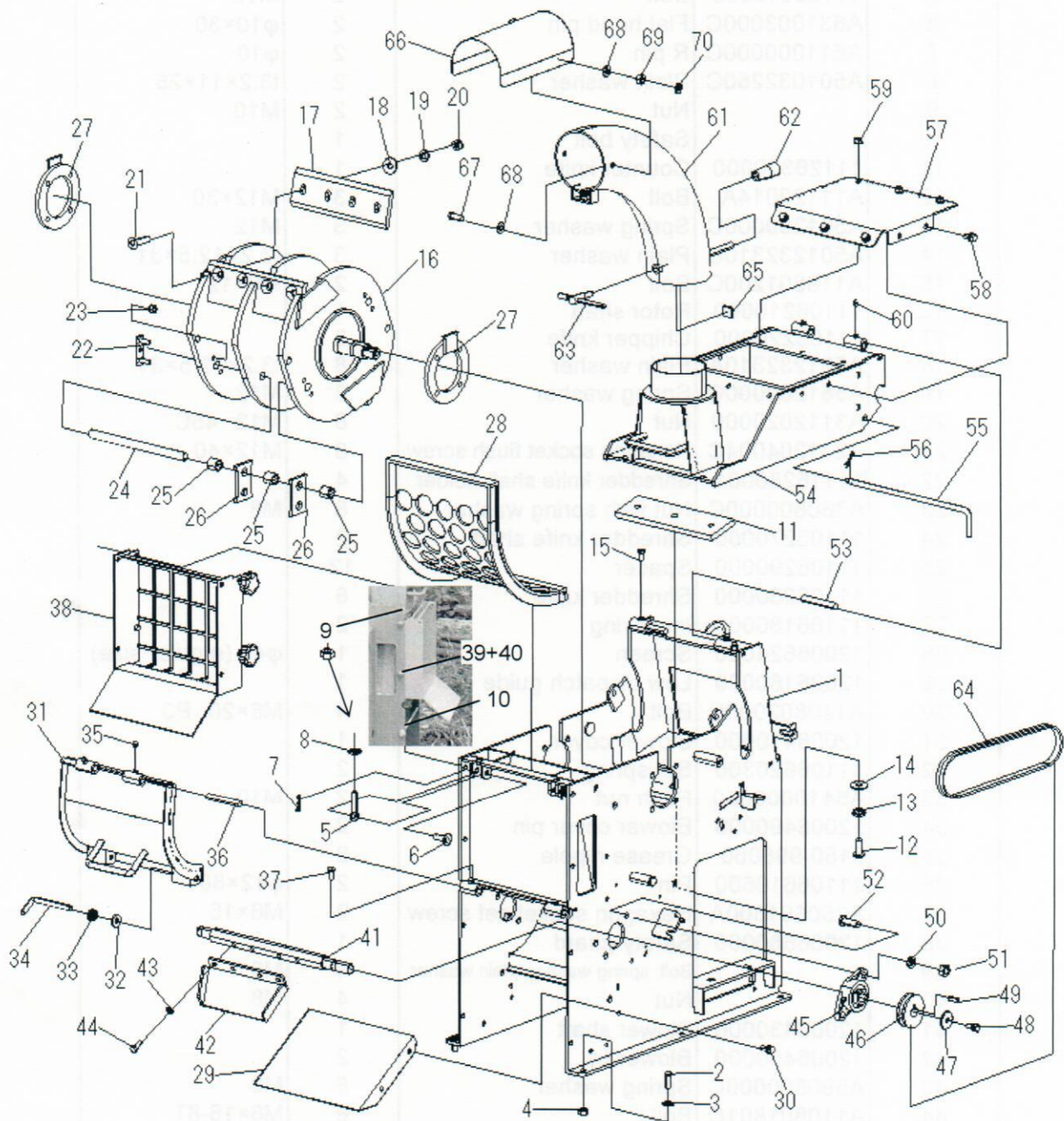


Fig. 6 Rotor

No.	Part No.	Part name	Qty/unit	Remarks
51	A311200000C	Nut	2	M12
52	A111204500C	Bolt	2	M12×45
53	11106610600	Pin	2	φ12×80
54	12006610000	Rotor cover	1	
55	11106710000	Hoist setting pin	1	
56	A611000000C	R pin	1	φ10
57	12006650000	Rotor cover hole cover	1	
58	A140802000C	Bolt	7	M8×20 P3
59	A360800000C	Nut with spring washer	3	M8
60	9150-998060	Grease nipple	2	
61	12006950010	Shooter	1	
62	A78N2010012	Rubber grip	1	
63	12506990000	Shooter fixing bolt handle	1	
64	A8107010355	Blower belt	1	3V355
65	12006950500	Shooter shim	1	
66	12006980010	Chip reflector	1	
67	A111002500C	Bolt	2	M10×25
68	A501000000C	Plain washer	4	φ10
69	A311000000C	Nut	2	M10
70	A311000002C	Hexagon jam nut	2	M10

Fig. 7 Feeding system

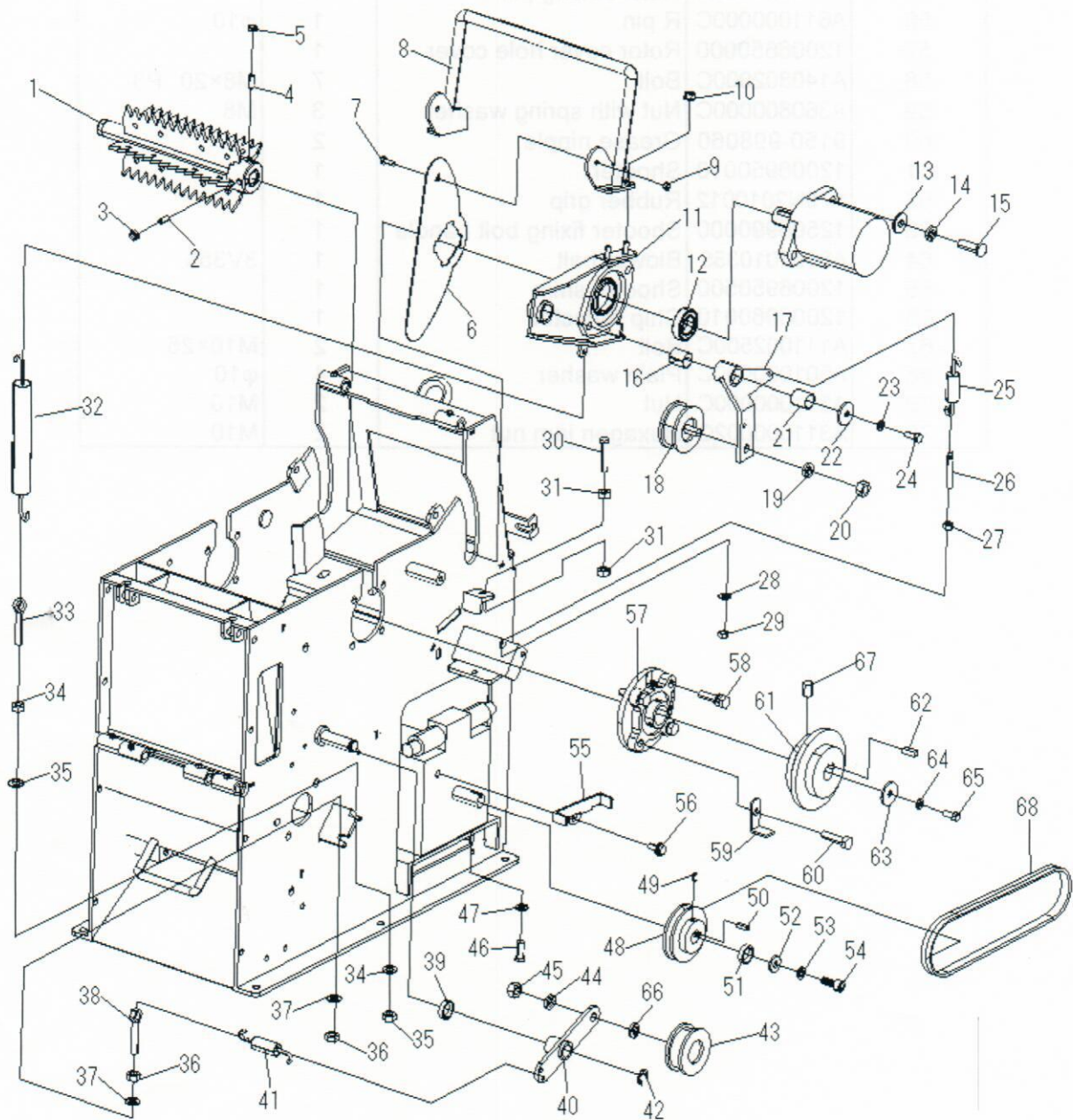


Fig. 7 Feeding system

No.	Part No.	Part name	Qty/unit	Remarks
1	11107510001	Feed roller	1	
2	A250801600A	Hexagon socket set screw	1	M8×16
3	A310800002C	Hexagon jam nut	1	M8
4	A250802000A	Hexagon socket set screw	1	M8×20
5	A310800002C	Hexagon jam nut	1	M8
6	11127590000	Chip guard (left)	1	
7	A070601600C	Weld bolt	1	M6×16
8	11107470001	Stabilizer	1	
9	A340600000C	U nut	1	M6
10	A360800000C	Nut with spring washer	4	M8
11	11127450000	Feed arm (left)	1	
12	A70600502ZZ	Bearing	1	6005ZZ
13	A501232310C	Plain washer	2	t3.2×12.5×31
14	A581200000C	Spring washer	2	M12
15	A111203500C	Bolt	2	M12×35
16	A7720200000	Dry plain bearing	1	LFB2020
17	12004310000	Hydraulic belt tension arm	1	
18	11104610000	Hydraulic belt tension pulley	1	
19	A7720300000	Dry plain bearing	1	LFB2030
20	A581200000C	Spring washer	1	M12
21	A311200002C	Hexagon jam nut	1	M12
22	A500832350C	Plain washer	1	t3.2×9×35
23	A580800000C	Spring washer	1	M8
24	A110802000C	Bolt	1	M8×20
25	11104340002	Hydraulic belt tension spring	1	
26	11104360001	Hydraulic belt tension adjuster	1	
27	A310800000C	Nut	1	M8
28	A500800000C	Plain washer	1	φ8
29	A310800000C	Nut	1	M8
30	A111004503C	Bolt	2	M10×45 11T
31	A311000000C	Nut	4	M10
32	11107710000	Feed roller spring	1	
33	11107730000	Feed roller spring adjuster	1	
34	A311000000C	Nut	2	M10
35	A501000000C	Plain washer	2	φ10
36	A310800000C	Nut	2	M8
37	A500800000C	Plain washer	2	φ8
38	11104360000	Blower belt tension adjuster	1	
39	A7718150000	Dry plain bearing	1	LFB-1815
40	12004950000	Blower belt tension arm	1	
41	12004960000	Blower belt tension spring	1	
42	A751500000C	E ring	1	E-15
43	11104610000	Tension pulley	1	HATP-H45
44	A581200000C	Spring washer	1	M12
45	A311200002C	Hexagon jam nut	1	M12
46	A111025001C	Bolt	2	M10×25 P2
47	A501000000C	Plain washer	2	φ10
48	12004210000	Pump pulley	1	
49	A250601000A	Hexagon socket set screw	1	M6×10
50	-	Parallel key	1	5×5×18 (accessory)

Fig. 7 Feeding system

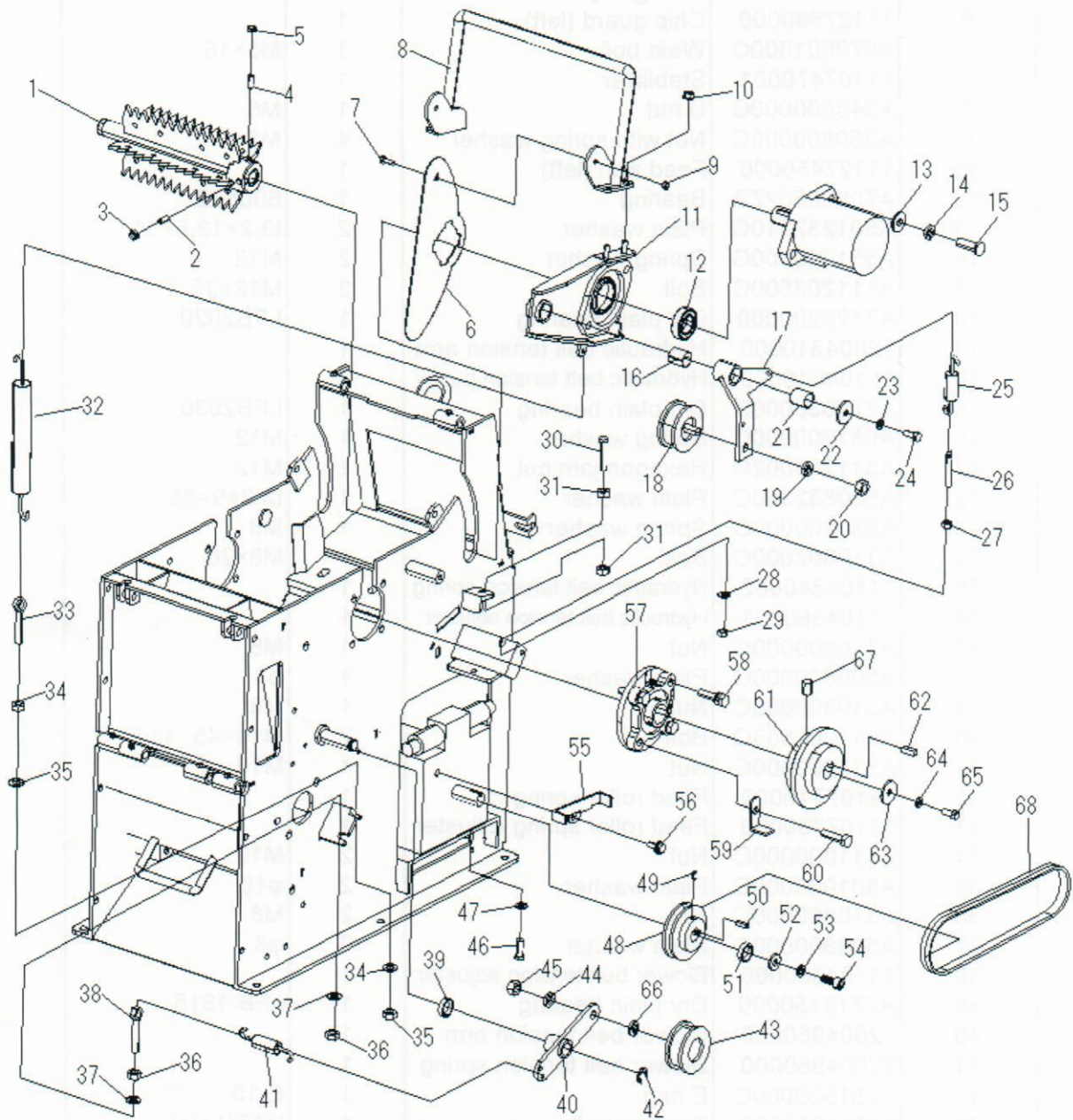


Fig. 7 Feeding system

No.	Part No.	Part name	Qty/unit	Remarks
51	12004940000	Hydraulic pulley spacer	1	
52	A501030250C	Thick plain washer	1	φ10
53	A581000000C	Spring washer	1	M10
54	A241002500A	Hexagon socket bolt	1	M10×25
55	12004460000	Hydraulic belt stay A	1	
56	A140802000C	Bolt	1	M8×20 P3
57	A7020206000	Ball bearing unit	1	
58	A161004000C	Bolt	3	M10×40 P2
59	11104480000	Hydraulic belt stay B	1	
60	A111004000C	Bolt	1	M10×40
61	12004770000	Rotor pulley (2)	1	
62	A680807220A	Parallel key	1	8×7×22 one rounded, one square ended
63	A500832350C	Plain washer	1	t3.2×9×35
64	A580800000C	Spring washer	1	M8
65	A110802000C	Bolt	1	M8×20
66	A501200000C	Plain washer	1	M12
67	A250801000A	Hexagon socket set screw	1	M8×10
68	A8107010425	Hydraulic belt	1	3V425

Fig. 8 Hopper

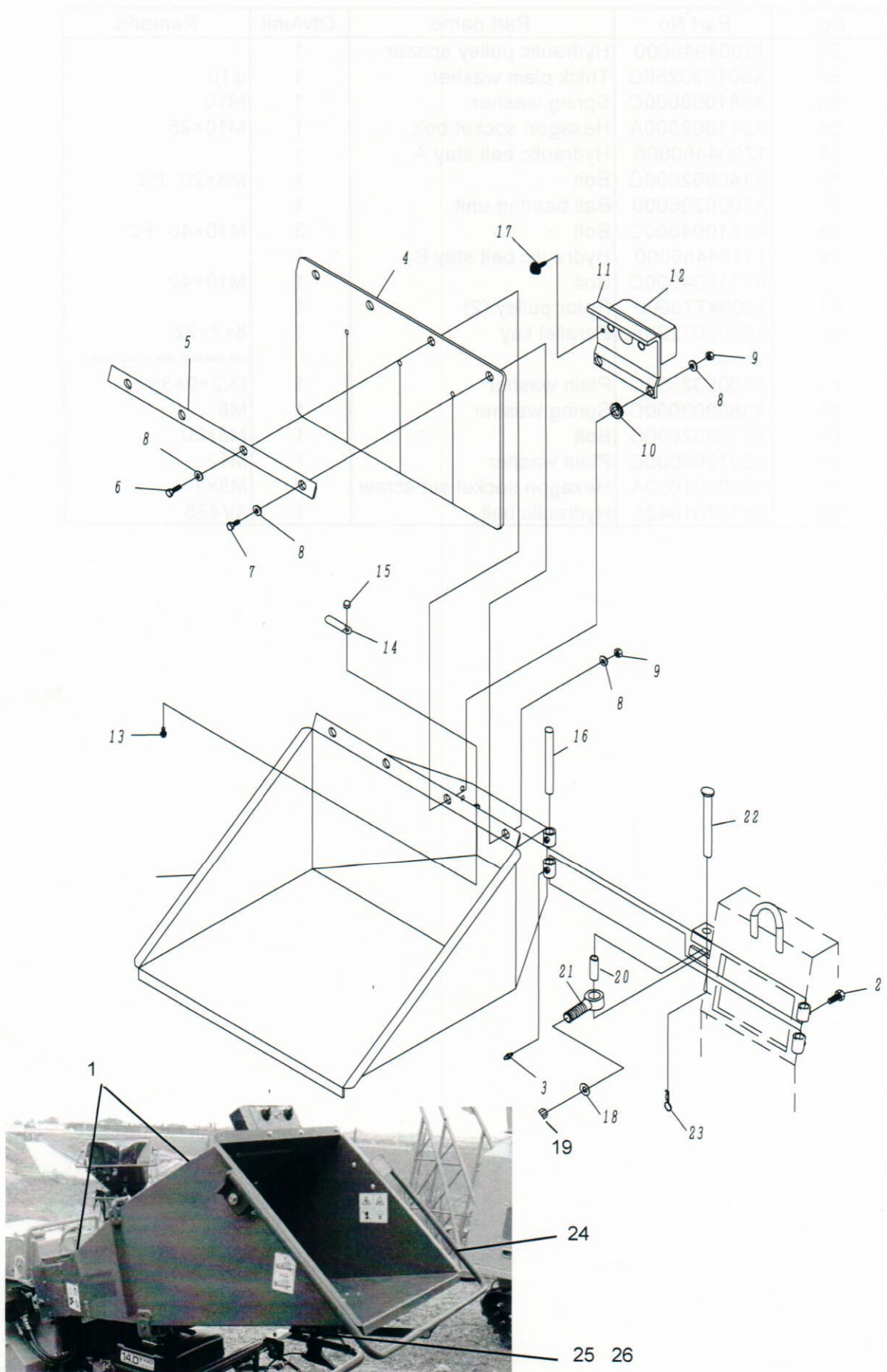


Fig. 8 Hopper

No.	Part No.	Part name	Qty/unit	Remarks
1		Hopper1&2	1	
2	A110601200C	Bolt	2	M6×12
3	9150-998060	Grease nipple	2	
4	11118210000	Chip guard	1	
5	11108220000	Chip guard holder	1	
6	A110602200C	Bolt	2	M6×22
7	A110601800C	Bolt	2	M6×18
8	A500600000C	Plain washer	8	φ6
9	A340600000C	U nut	8	M6
10	11108830000	Grommet	2	
11		Switch bracket	1	
12		Control box	1	
13	A170601200C	Upset hexagon bolt	1	M6×12 P3
14	A880206501C	Clip	1	
15	A410600000C	Cap nut	1	M6
16	11108850000	Hinge pin	1	
17	A080405000B	Round head wood screw	4	
18	A501000000C	Plain washer	1	φ10
19		Nut	1	
20	A7710100020	Spacer	2	10×10
21	11126013000	Eye bolt	1	M10×30
22	A631005000C	Flat head pin	1	M10×50
23	A611000000C	R pin	1	M10
24		Feed roller safety bar	1	
25		Sensor	1	
26		Safety bar release lever	1	

Fig. 9 Wiring

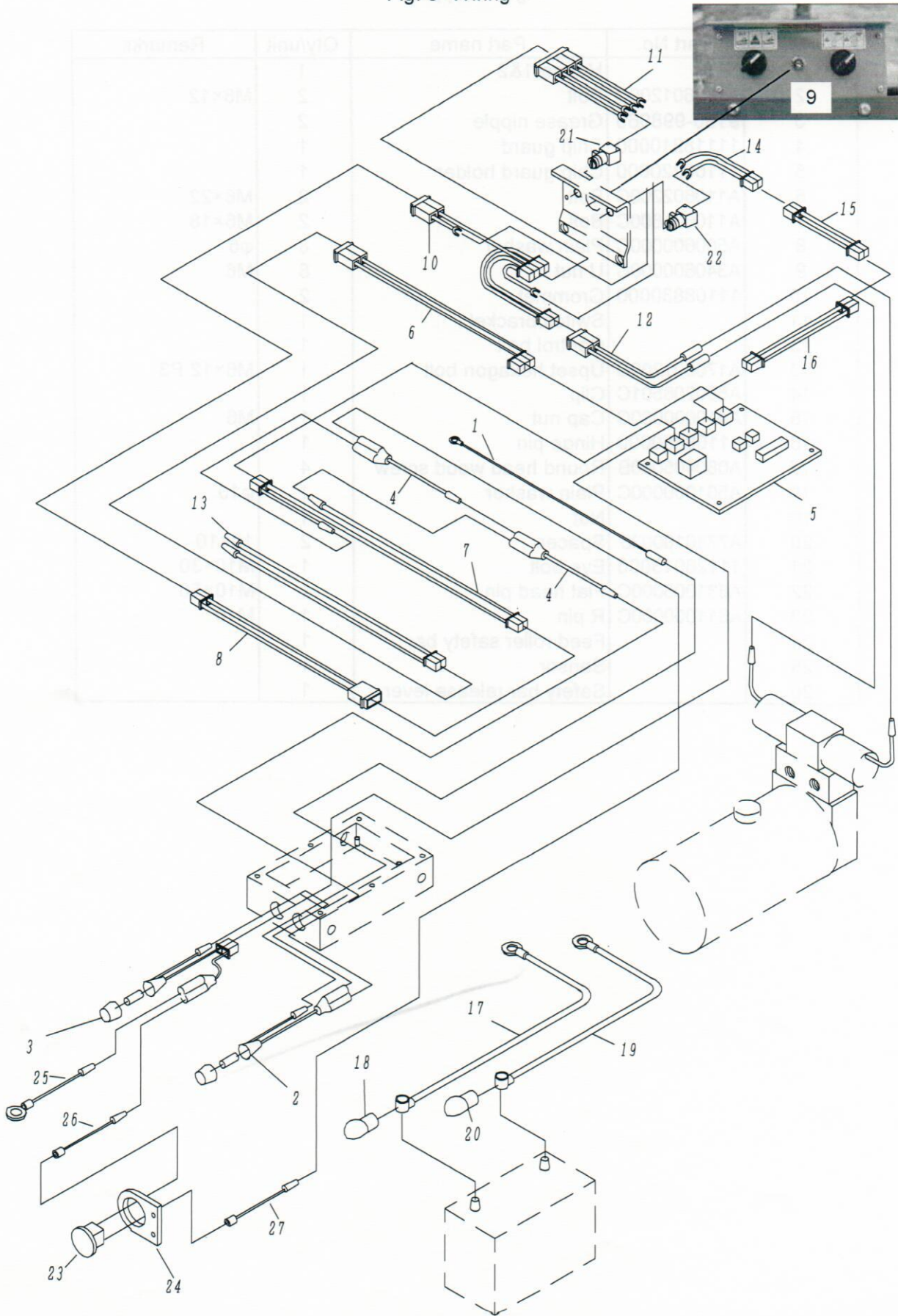


Fig. 9 Wiring

No.	Part No.	Part name	Qty/unit	Remarks
1	11105920100	Code 1	1	
2	11105871000	Fuse holder A (10A)	1	
3	11105872000	Fuse holder B (1A)	1	
4	11105920300	Code 3	2	
5	11125780130	No stress circuit board MR	1	
6	11115900000	Hydraulic sensor code	1	
7	11105920500	Code 5	1	
8	11105920600	Code 6	1	
9		Safety bar release switch	1	
10	11105920700	Code 7	1	
11	11105980001	Feed switch code	1	
12	11105920800	Code 8	1	
13	11105920900	Code 9	1	
14	11115921301	Feed mode switch code	1	
15	11115921200	Code 10	1	
16	11115921100	Code 11	1	
17	11105940100	Battery code (+)	1	
18	11105960100	Battery code cap (red)	1	
19	11105940200	Battery code (-)	1	
20	11105960200	Battery code cap (black)	1	
21	11115850010	Feed switch	1	
22	11115850020	Feed mode switch	1	
23	9162-938000	Hour meter	1	
24	11125890000	Hour meter holder	1	
25	1112592A100	Code 12	1	
26	1112572A200	Code 13	1	
27	1112592A300	Code 14	1	

Fig. 10 Cover

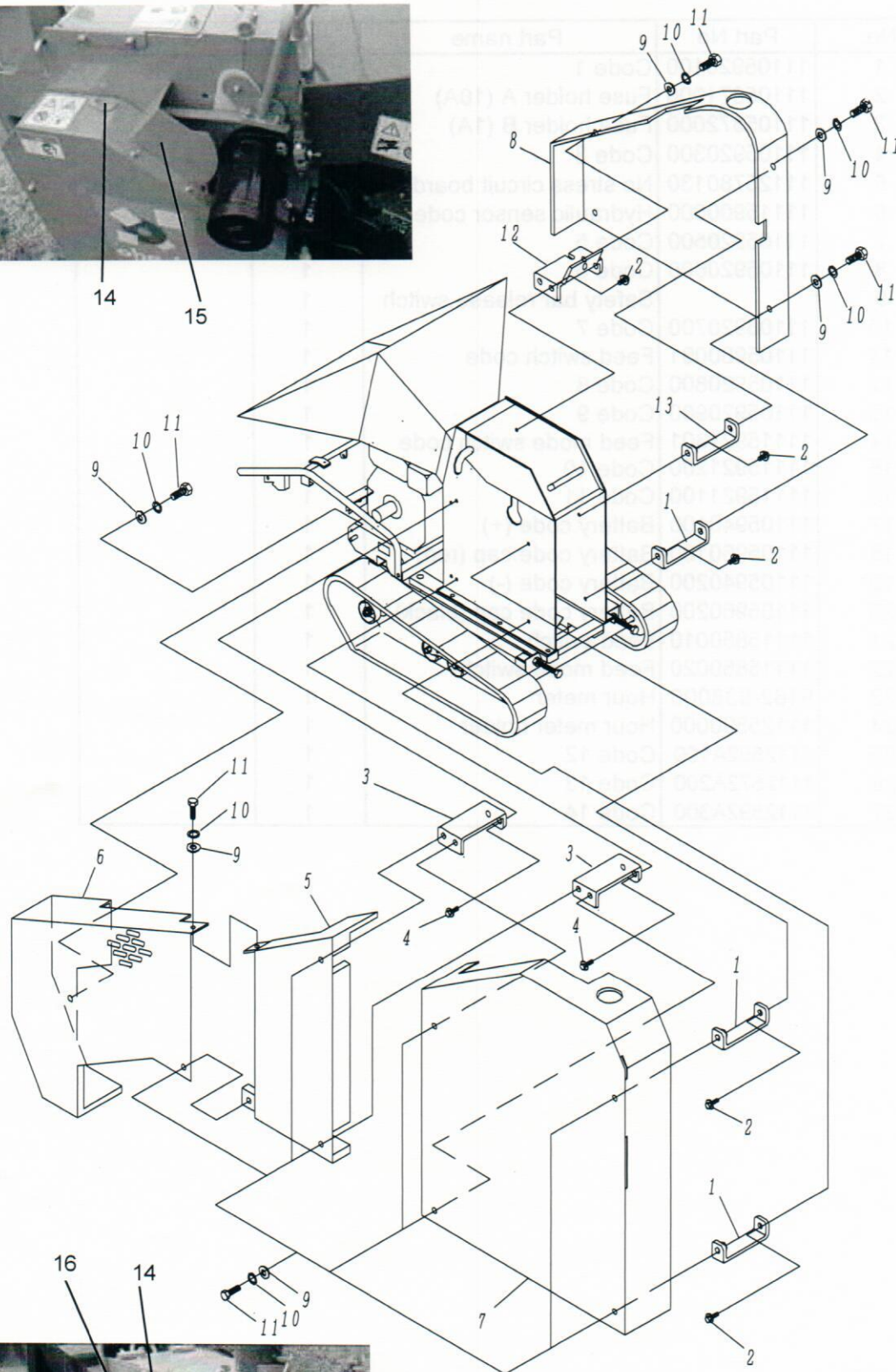


Fig. 10 Cover

No.	Part No.	Part name	Qty/unit	Remarks
1	11126910000	Cover stay 1	4	
2	A140801600C	Bolt	7	M8×16 P3
3	11126920000	Cover stay 2	2	
4	A140801600C	Bolt	4	M8×16 P3
5	11126820000	Side cover E1	1	
6	11116830000	Side cover E2	1	
7	12006860000	Side cover (right)	1	
8	12006880000	Side cover (left)	1	
9	A500800000C	Plain washer	13	M8
10	A580800000C	Spring washer	13	M8
11	A110802000C	Bolt	13	M8×20
12	12006930000	Cover stay 3	1	
13	12006940000	Cover stay 4	1	
14		Window cover	2	
15		Safety cover 1	1	
16		Safety cover 2	1	

Fig. 11 Sticker

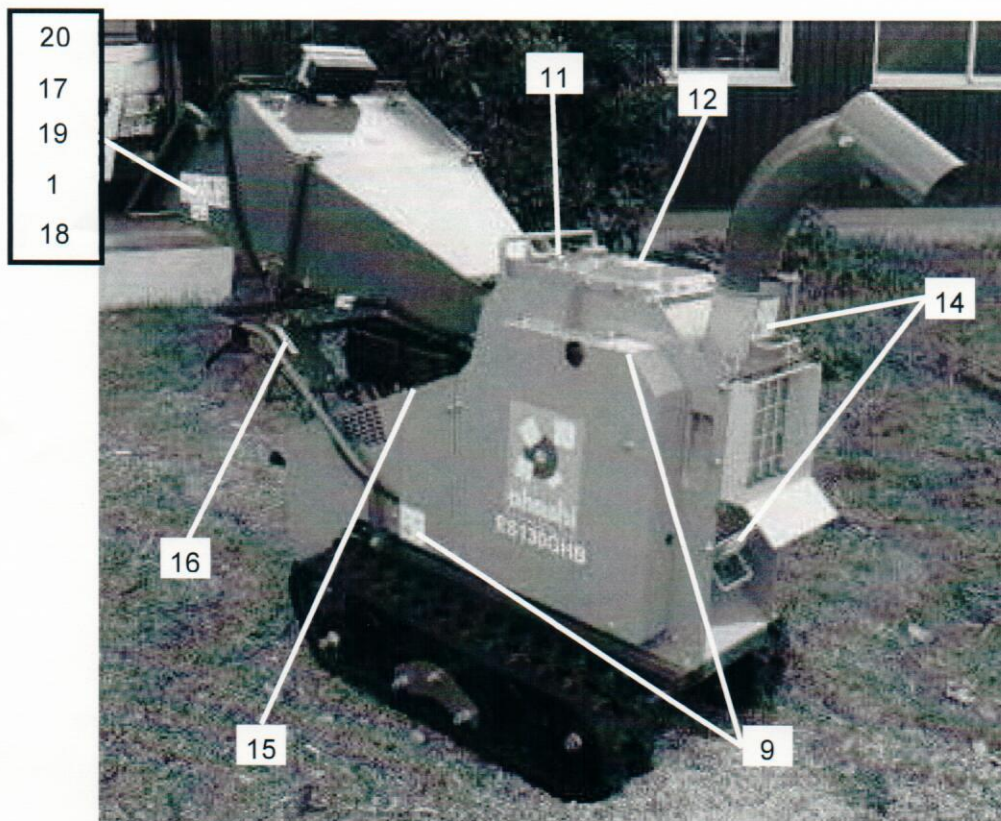
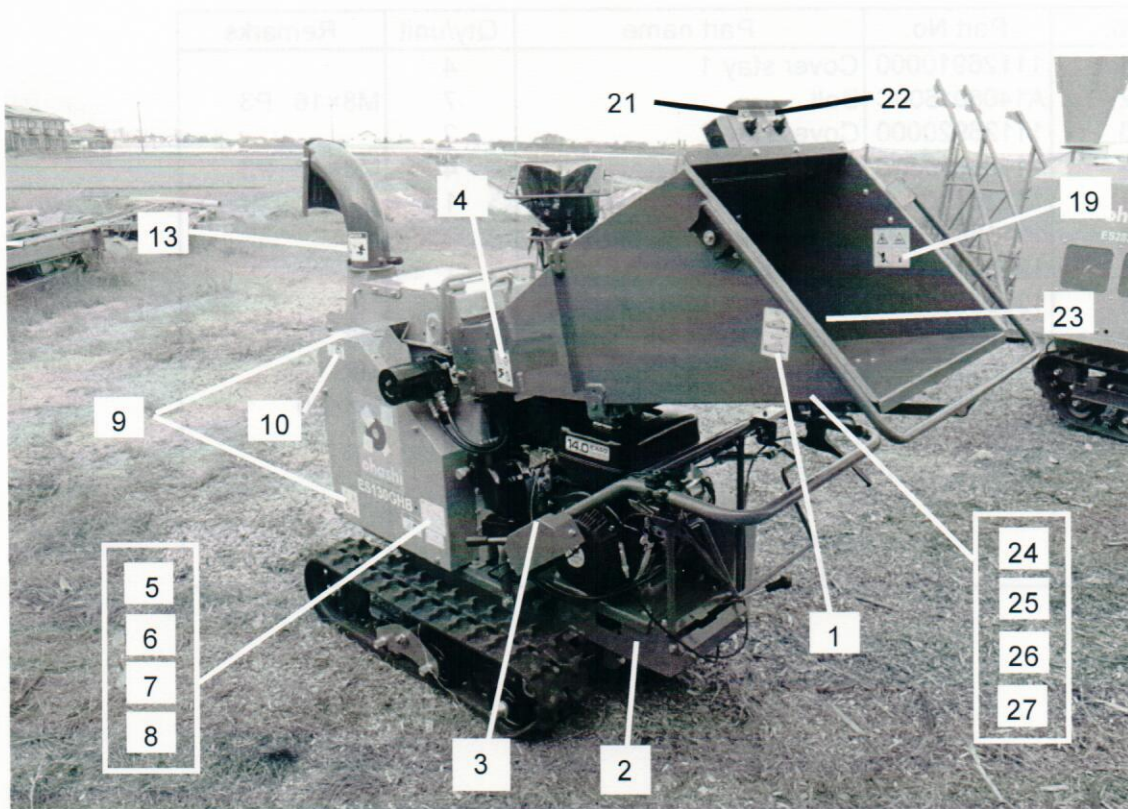


Fig. 11 Sticker

No.	Part No.	Part name	Qty/unit	Remarks
1		Decal - SAFETY BAR	2	
2		Decal - IDENTIFICATION PLATE	1	
3		Decal - ROTOR CLUTCH LEVER	1	
4		Decal - HYDRAULIC HOSE	1	
5		Decal - BEFORE STARTING ENGINE	1	
6		Decal - SAFE AREA OF OPERATION	1	
7		Decal - CRAWLER	1	
8		Decal - FEED ROLLER RELEASE	1	
9		Decal - MOVING PARTS	4	
10		Decal - ROTOR LOCK PIN	1	
11		Decal - HOISTING POINT	1	
12		Decal - FEED BOX	1	
13		Decal - SHOOTER	1	
14		Decal - CUTTING PARTS	2	
15		Decal - MUFFLER	1	
16		Decal - BRAKE HANDLE	1	
17		Decal - SAFETY WEAR	1	
18		Decal - SOUND LABELS	1	
19		Decal - FEED ROLLER	2	
20		Decal - FEED MATERIALS	1	
21		Decal - FEED SWITCH	1	
22		Decal - FEED MODE SWITCH	1	
23		Decal - CUTTING & CHIP PROJECTILE	1	
24		Decal - LOADING & UNLOADING	1	
25		Decal - CRUSHING RISK	1	
26		Decal - SLOPE STABILITY 1	1	
27		Decal - SLOPE STABILITY 2	1	