



SPARE PARTS MANUAL

AS900

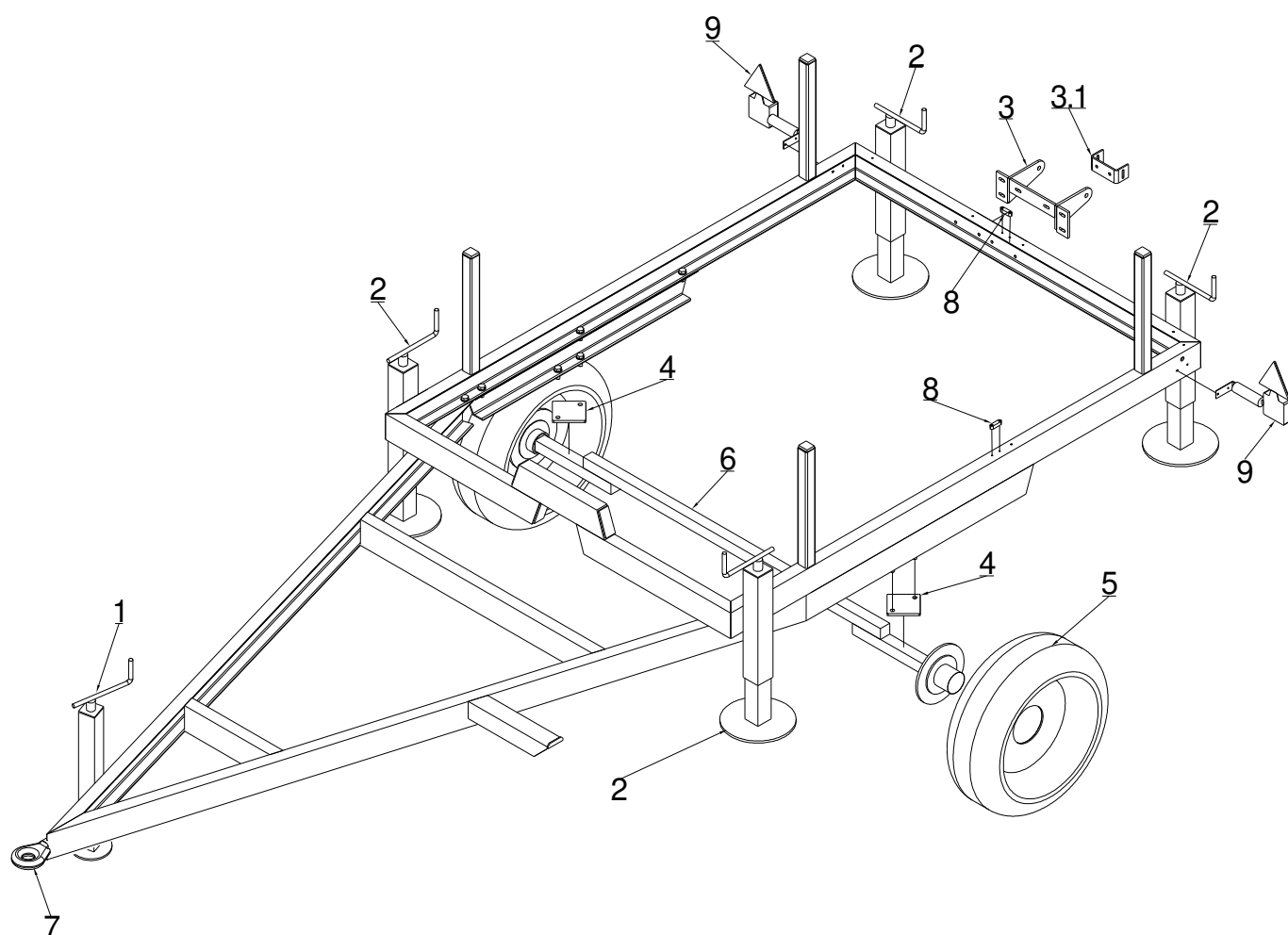
***PTO
and***

PTO + ELECTRIC MOTOR

Updated: 10.2016

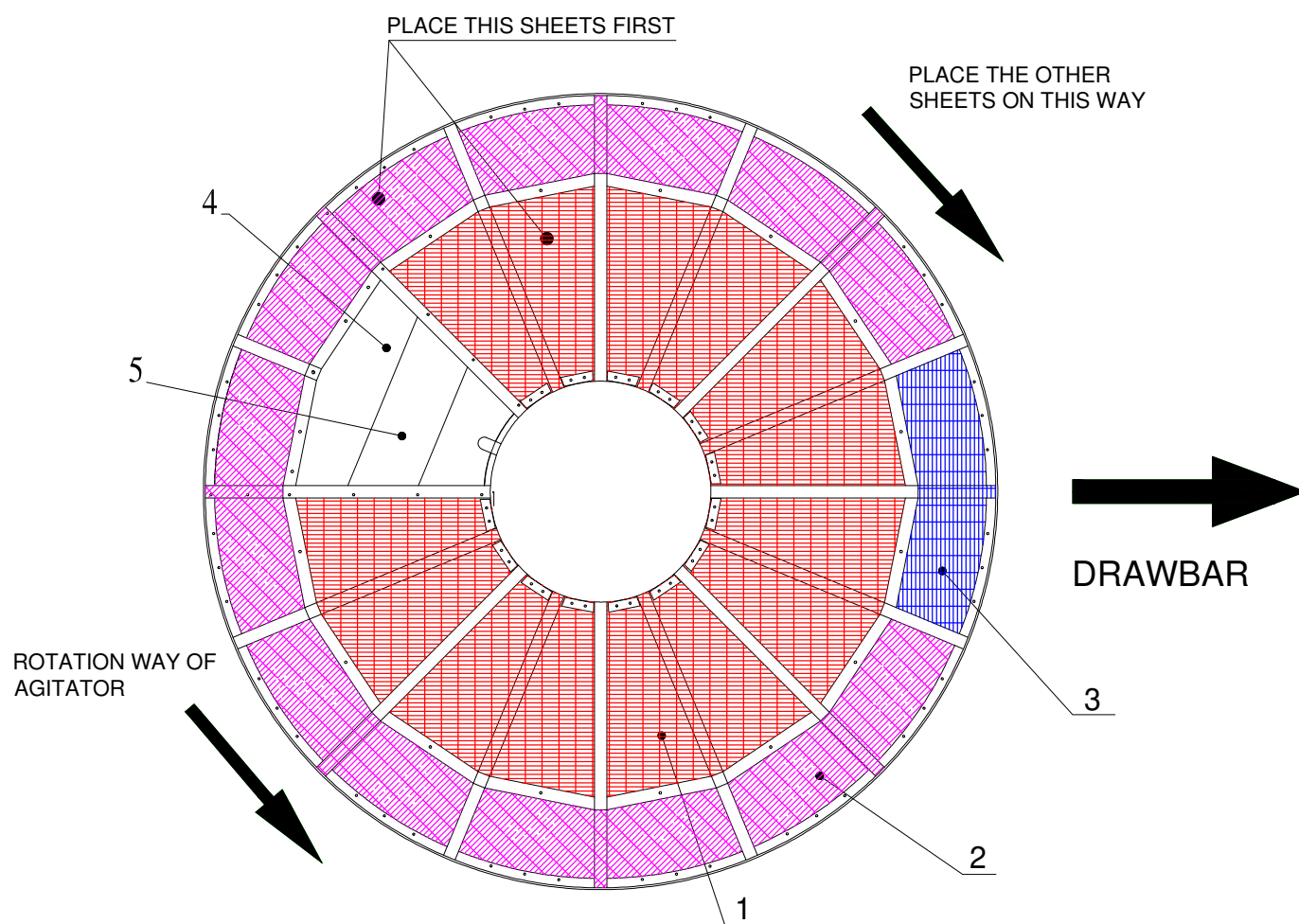
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1. FRAME

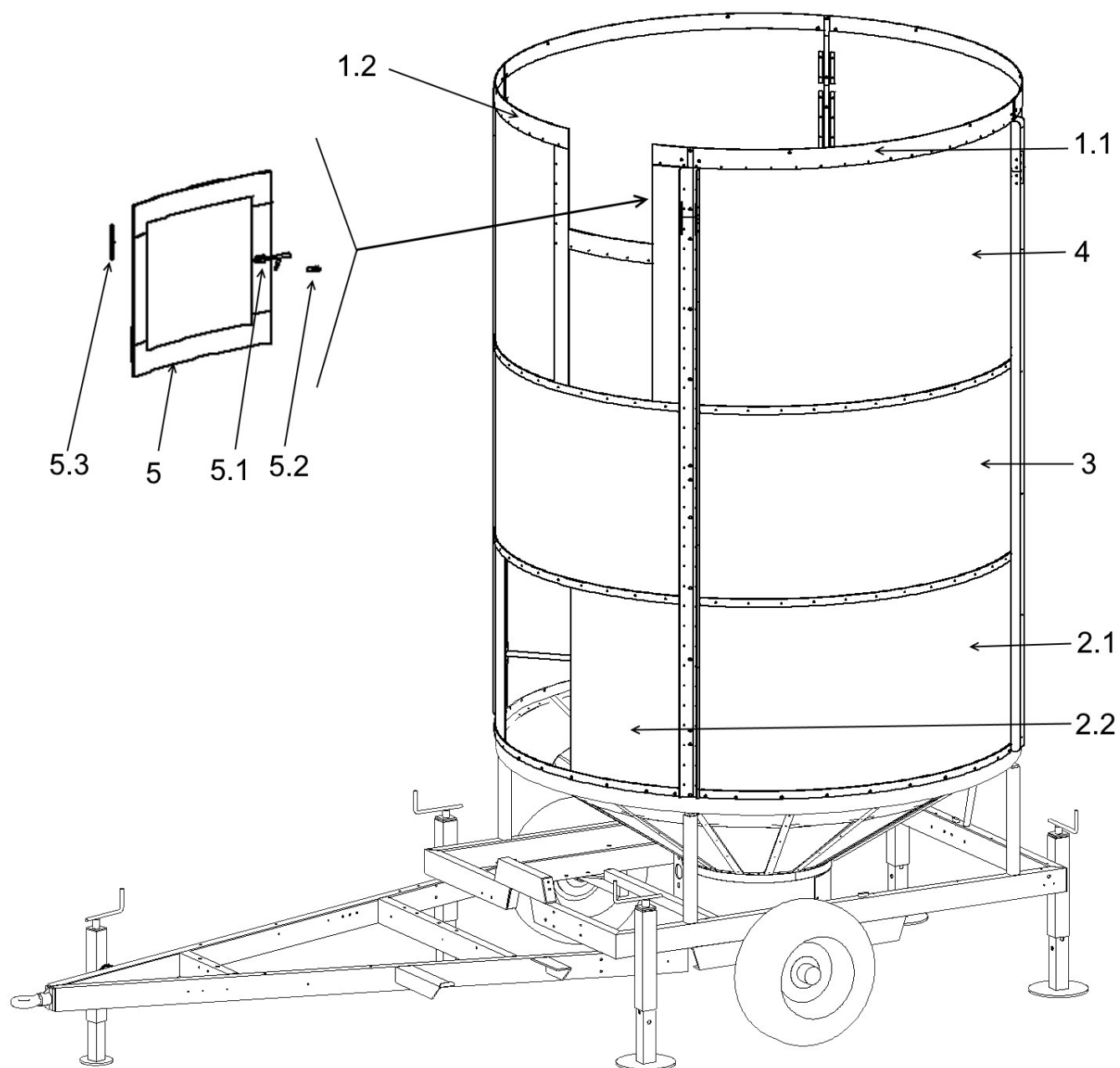
Pos.	Code	Q.ty	Description
1	38500201	1	Drawbar jack (anterior)
2	38500202	2	Frame jack
3	60129235	1	Loading auger support
3.1	12129233	1	Support for tube (Fixed auger)
4	52060032	2	Axle plaques
5	50710225	2	Wheel complete
6	50002200	1	Axle
7	38100002	1	Swivel hitch drawbar
8	38060002	2	Level bubble
9	08000020	1	Transport light kit

2. METAL SHEETS FOR BOTTOM CONE



Pos	Code	Q.ty	Description
1	13061119	7	Blank sheet
2	14061117	7	Perforated sheet
3	13061118	1	Blank sheet
4	13061121	1	Door
5	13061125	1	Door protection (optional)

3. CYLINDER WITHOUT EXTENSION



CYLINDER – VARNISHED PANELS – TABLE

Pos.	Code	Q.ty	Description
1.1	60092004	3	Varnished side panel H=3270 – complete
1.2	60092006	1	Varnished front panel H=3270 – complete
5	60092001	1	Varnished door – complete
5.1	38173002	1	Closing hook – very-light
5.2	38200000	1	Welded very-light eyebolt
5.3	09030000	2	Hinge

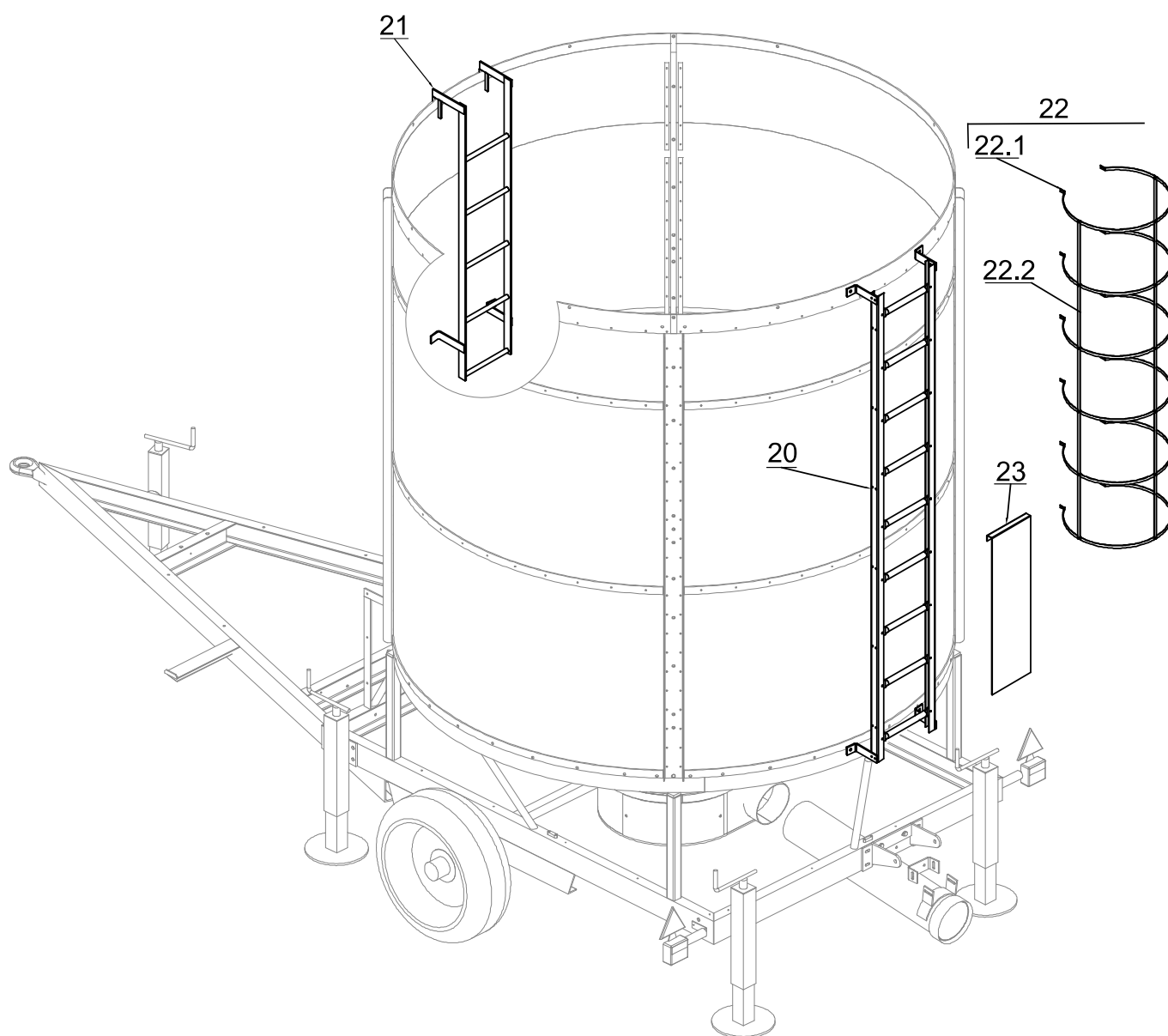
CYLINDER – STAINLESS STEEL PANELS – TABLE

Pos.	Code	Q.ty	Description
1.1	60092025	3	Stainless steel side panel H=3270 – complete
1.2	60092026	1	Stainless steel front panel H=3270 – complete
5	60092023	1	Stainless steel door – complete
5.1	38173002	1	Closing hook – very-light
5.2	38200000	1	Welded very-light eyebolt
5.3	09030000	2	Hinge

CYLINDER – COMMON COMPONENTS – TABLE

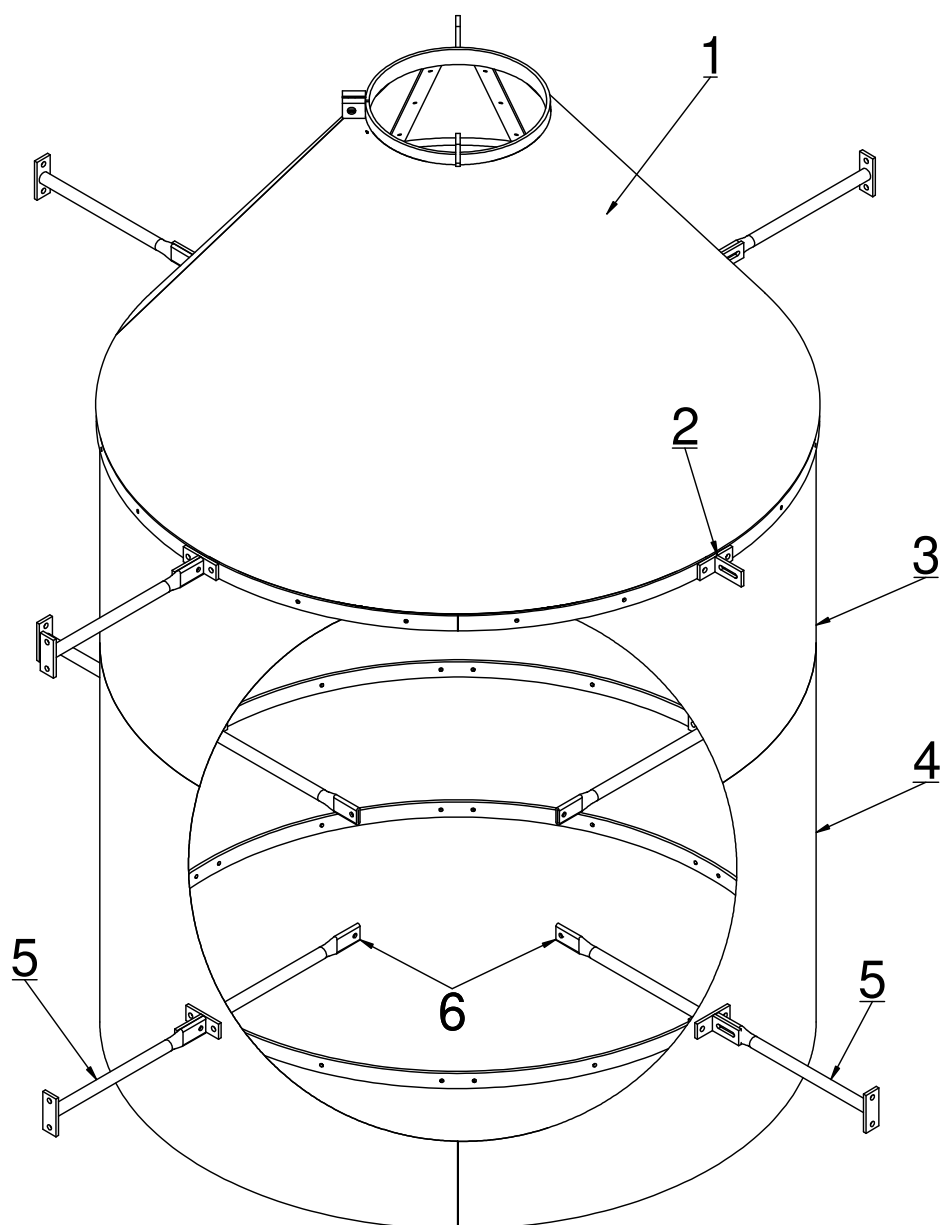
Pos.	Code	Q.ty	Description
2.1	14062106	3	Perforated metal sheet for panel H=1000 L=1980
2.2	14062107	2	Perforated metal sheet for panel H=1000 L=670
3	14062106	4	Perforated metal sheet for panel H=1000 L=1980
4	14092000	4	Perforated metal sheet for panel H=1250 L=1980

4. LADDER



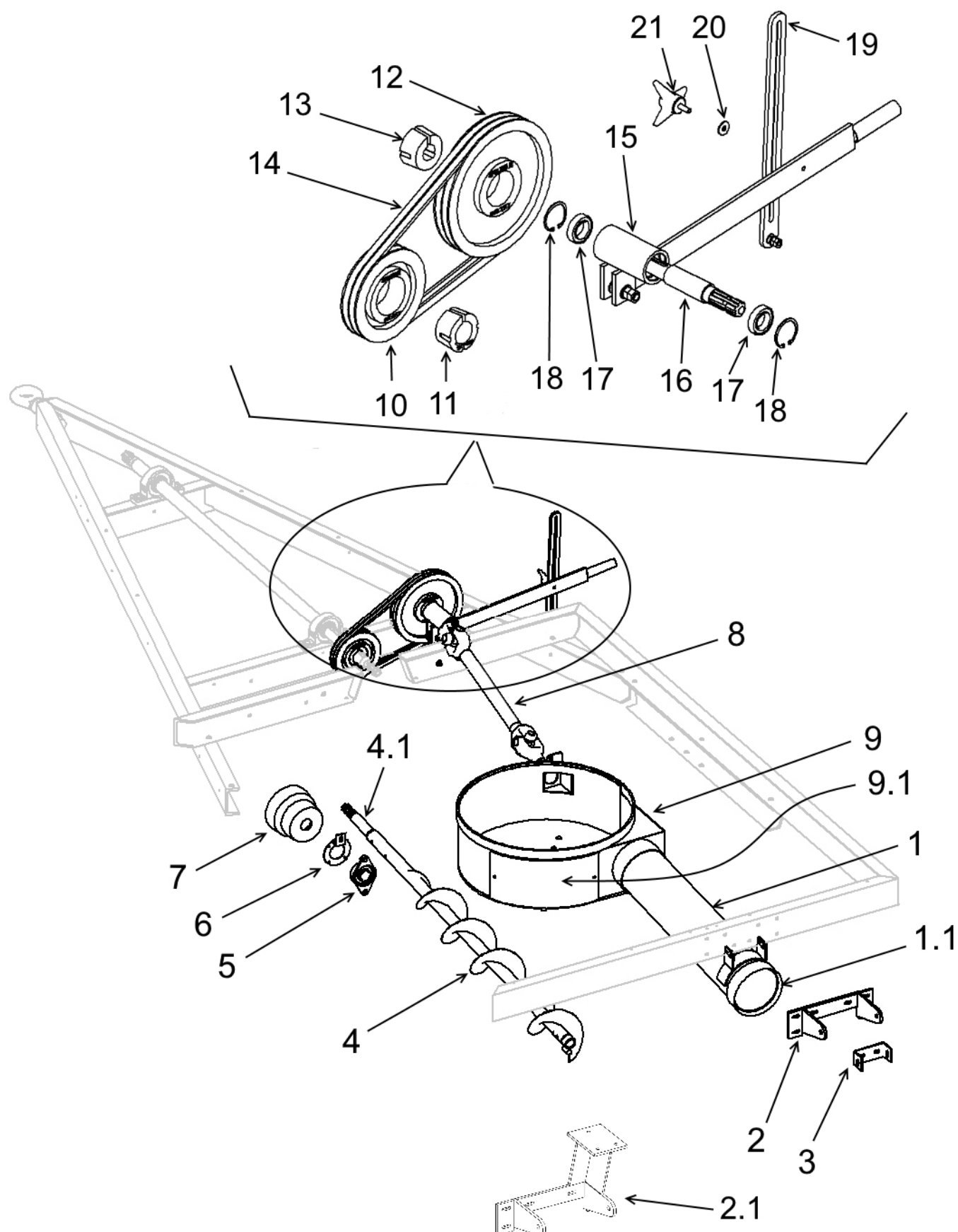
Pos	Code	Q.ty	Description
20	60096001	1	Ladder, outer top, fixed
21	60096002	1	Ladder, inner, fixed
22	60103100	1	Ladder protection
22.1	13110100	5	Ladder hoops
22.2	13100102	3	Ladder, hoop connecting bars
23	13066026	1	Safety Ladder protection plate

5. PLENUM (DIAMETER 1520MM – FROM 2015)



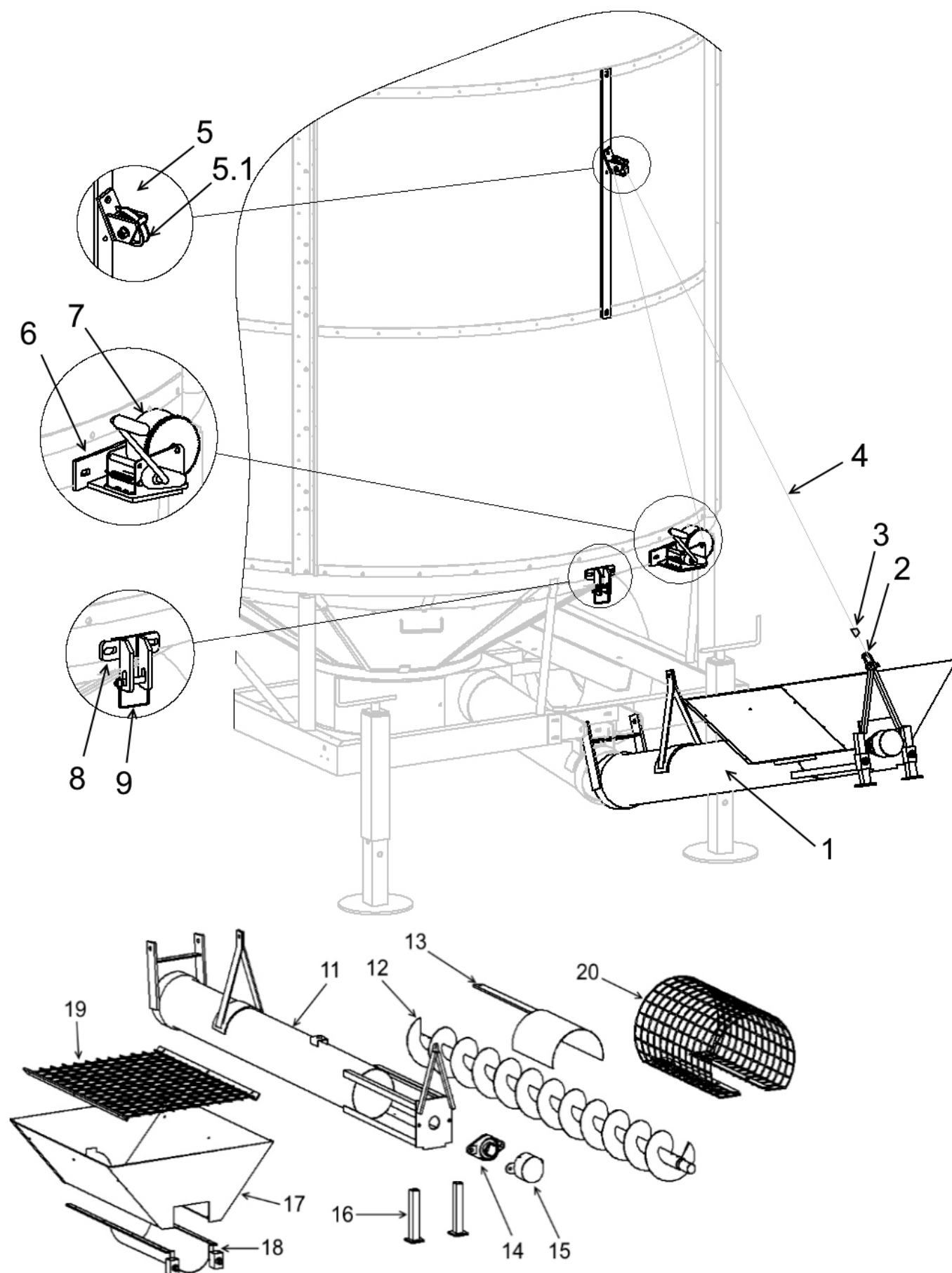
Pos	Code	Q.ty	Description
1	14104020	6	Perforated sheet
2	60064003	8	Support for tie rod
3	14084121	1	Perforated sheet H=500
4	14084120	1	Perforated sheet H=1250
5	60064123	8	External tie rod for plenum
6	60064124	4	Internal tie rod for plenum

6. LOADING AUGER AND TRANSMISSION



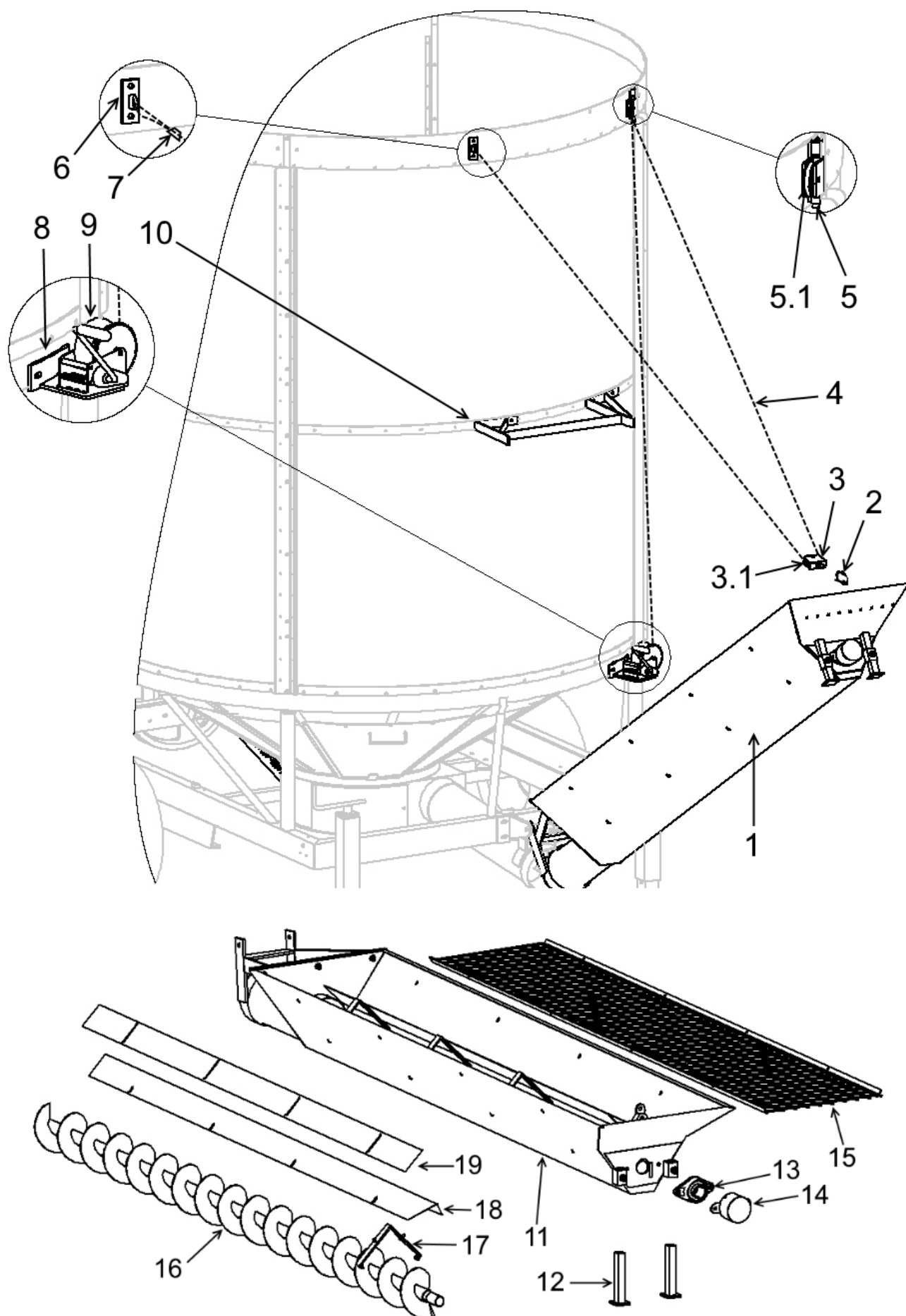
LOADING AUGER AND TRANSMISSION - TABLE

Pos	Code	Q.ty	Description
1	60129230	1	Tube for fixed auger
1.1	12069007	1	Ring
2	60129235	1	Loading auger support
2.1	60069027	1	Loading auger support with support for winch
3	12129233	1	Support for tube (Fixed auger)
4	60069016	1	Fixed auger
4.1	54069019	1	Splined shaft, intake auger stub
5	23020208	1	UCFL 208 support
6	60120011	1	Support for the protection of the cardan head
7	40000200	1	protection cover for cardan head
8	40020700	1	Cardan shaft B2x700 A60-A60
9	60061500	1	Undercone box
9.1	13061504	1	Door
10	28120200	1	Pulley SPB-200-2
11	28522517	1	Taper bush 2517 d.50
12	28120300	1	Pulley SPB-300-2
13	28512517	1	Taper bush 2517 d.35
14	26020057	2	Belt B 57
15	54068201	1	Support
16	54068202	1	Shaft, intake auger drive
17	24006007	2	Bearing 6007 2RS
18	22010062	2	Seeger circlip D.62
19	52068008	1	Adjusting Rod
20	18500010	1	Washer for M10
21	16500001	1	Handwheel M10

7. SMALL HOPPER OR SIMPLE LOADING AUGER TUBE

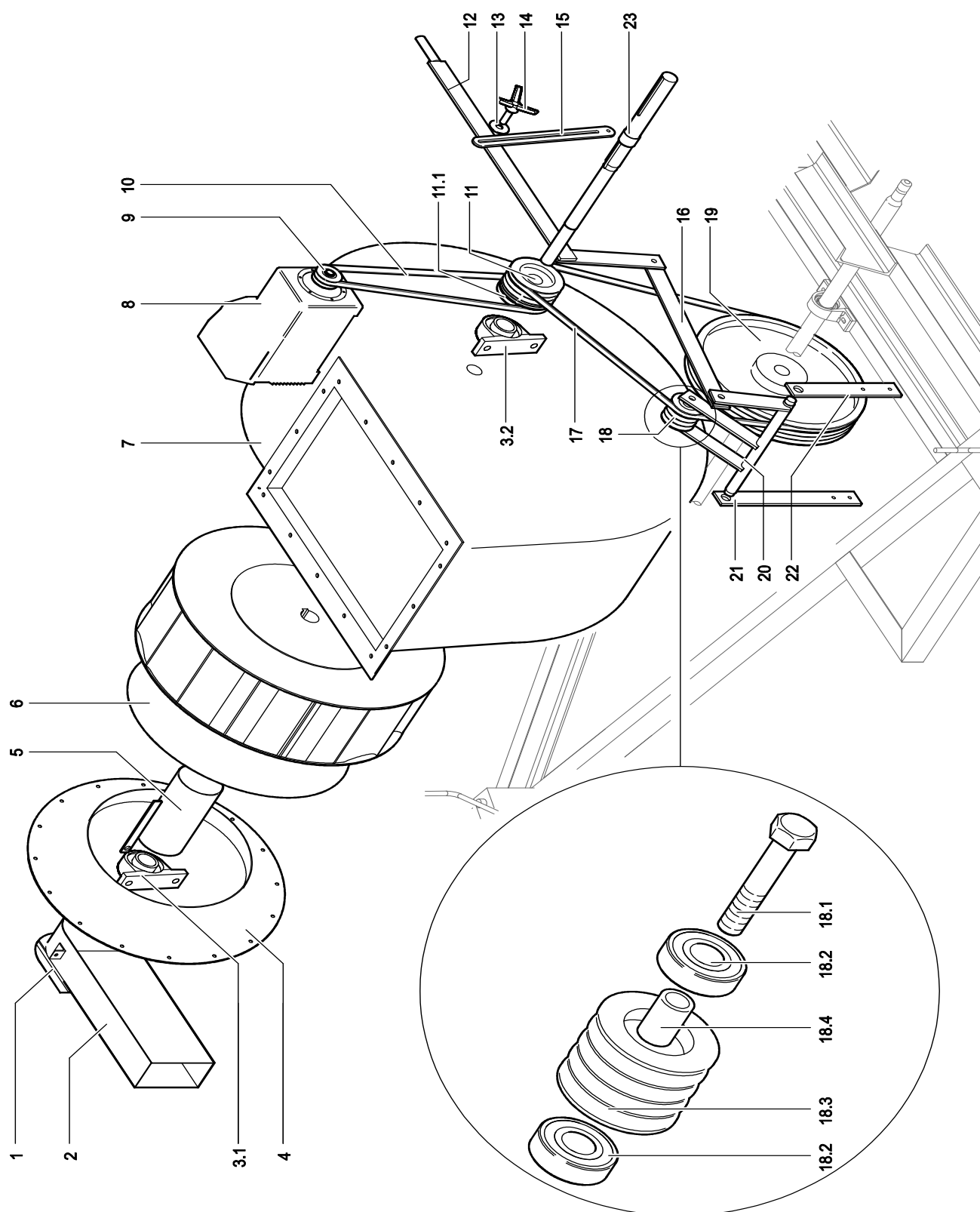
SMALL HOPPER OR SIMPLE LOADING AUGER TUBE - TABLE

Pos	Code	Q.ty	Description
1	60069203	1	Small loading hopper complete, including tube and auger
2	18410010	1	Shackle support for loading hopper
3	18130001	1	Rope clamp
4	38050000	mt	Steel rope d.5 L=5500
5	60069006	1	Upper support for rope (complete with pulley)
5.1	28000080	1	Pulley D.80
6	60069202	1	Support for winch
7	38300450	1	Winch AL-KO 450
8	60170026	1	Support for loading auger during towing
9	38060004	1	Safety pin
11	60069001	1	Tube with welded parts for simple loading auger
12	60069012	1	Loading auger for small hopper or simple loading auger
13	60069026	1	Loading adjuster
14	23020208	1	UCFL 208 support
15	60069030	1	Cover for support
16	60129203	2	Little jack
17	60069200	1	Small hopper
18	-	1	Welded parts for tube for small hopper
19	60069201	1	Protection grid for small hopper
20	60069010	1	Protection grid for simple loading auger

8. BIG HOPPER FOR LOADING AUGER

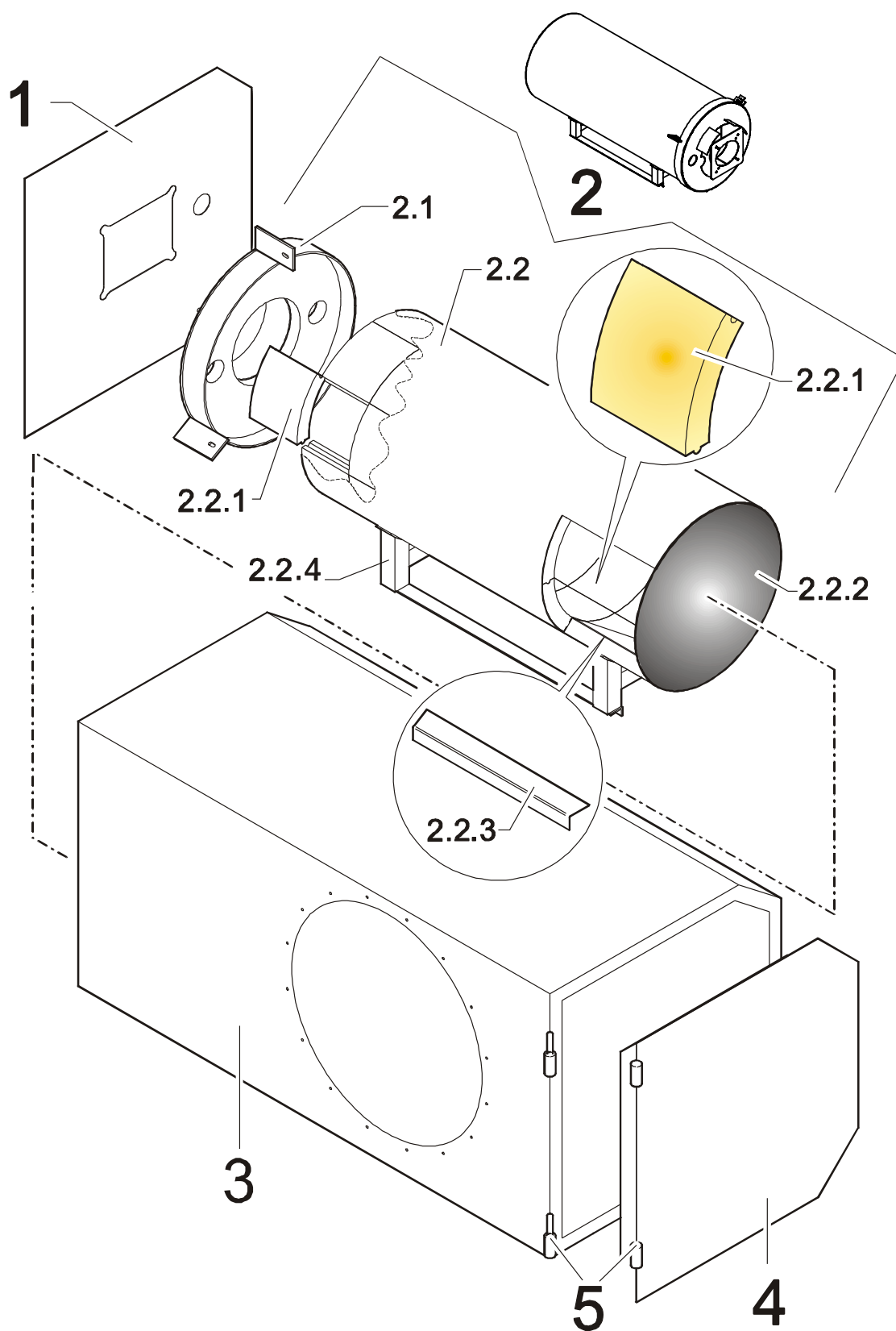
BIG HOPPER FOR LOADING AUGER - TABLE

Pos	Code	Q.ty	Description
1	60129201	1	Big loading hopper complete, including auger
2	38000010	1	Hook
3	60129226	1	Pulley support for loading hopper
3.1	28000080	1	Pulley D.80
4	38050000	mt	Rope, d=5mm L=13500
5	60129228	1	Pulley support, pivoting
5.1	28000080	1	Pulley D.80
6	60129229	1	Rope connection
7	18130001	1	Rope clamp
8	60069202	1	Support for winch
9	38300450	1	Winch
10	60129236	1	Hopper support during transportation
11	60129204	1	Big hopper welded frame
12	60129203	2	Little jack
13	23020208	1	UCFL 208 support
14	60069030	1	Cover for support
15	13129217	1	Protection grid
16	60129071	1	Loading auger for big hopper
17	12129224	4	Support
18	52129219	1	Grain divider
19	52129220	2	Loading adjuster

9. FAN UNIT

FAN UNIT - TABLE

Pos	Code	Q.ty	Description
1	13067269	1	Fireguard cover AISI
2	60067232	1	Fan shaft fireguard support - COMPLETE
3.1	23050209	1	UKP 209 support + H 2309 d.40
3.2	23040211	1	UKP 211 support + H 2311 d.50 high temperature
4	32010712	1	Mouthpiece for RL710 fan
5	60067226	1	Fan shaft fireguard
6	32010711	1	Fan – RL710
7	32010713	1	Fan body – RL710
8	44000011	1	Generator 5,5 Kva
9	28020100 or 28020106 <i>+ 28501610</i>	1 <i>+1</i>	Pulley SPA-100-2 or SPA-106-2 See data sheet of the dryer <i>+ taper bush 1610 d.24</i>
10	26000068	2	Belt A 68 L=1757
11	28140140 or 28140150 <i>+28522517</i>	1 <i>+1</i>	Driven pulley for fan SPB-140-4 or SPB-150-4 See data sheet of the dryer <i>+ Taper bush 2517 d.50</i>
11.1	28020200 or 28020190 <i>+28512012</i>	1 <i>+1</i>	Pulley generator SPA-200-2 or SPA-190-2 See data sheet of the dryer <i>+ Taper bush 2012 d.50</i>
12	60068007	1	Lever
13	18500010	1	Washer for M10
14	16500001	1	Handwheel M10
15	52068008	1	Adjusting rod
16	12178006	1	Lever arm
17	26020102	4	Belt B 102
18	60068010	1	Belt tightener pulley (complete)
18.1	18012013	1	Bolt M20 x 130
18.2	24006206	2	Bearing 6206 2RS
18.3	54068011	1	Turned pulley SPB-105-4
18.4	54068012	1	Spacer custom-made
19	28140500+ <i>28513535</i>	1	Pulley SPB-500-4 + <i>taper bush 3535 d.50</i>
20	60068004	1	Belt tightener lever
21	12068002	1	Support for lever l/h side
22	12068003	1	Support for lever r/h side
23	54068000	1	Fan shaft

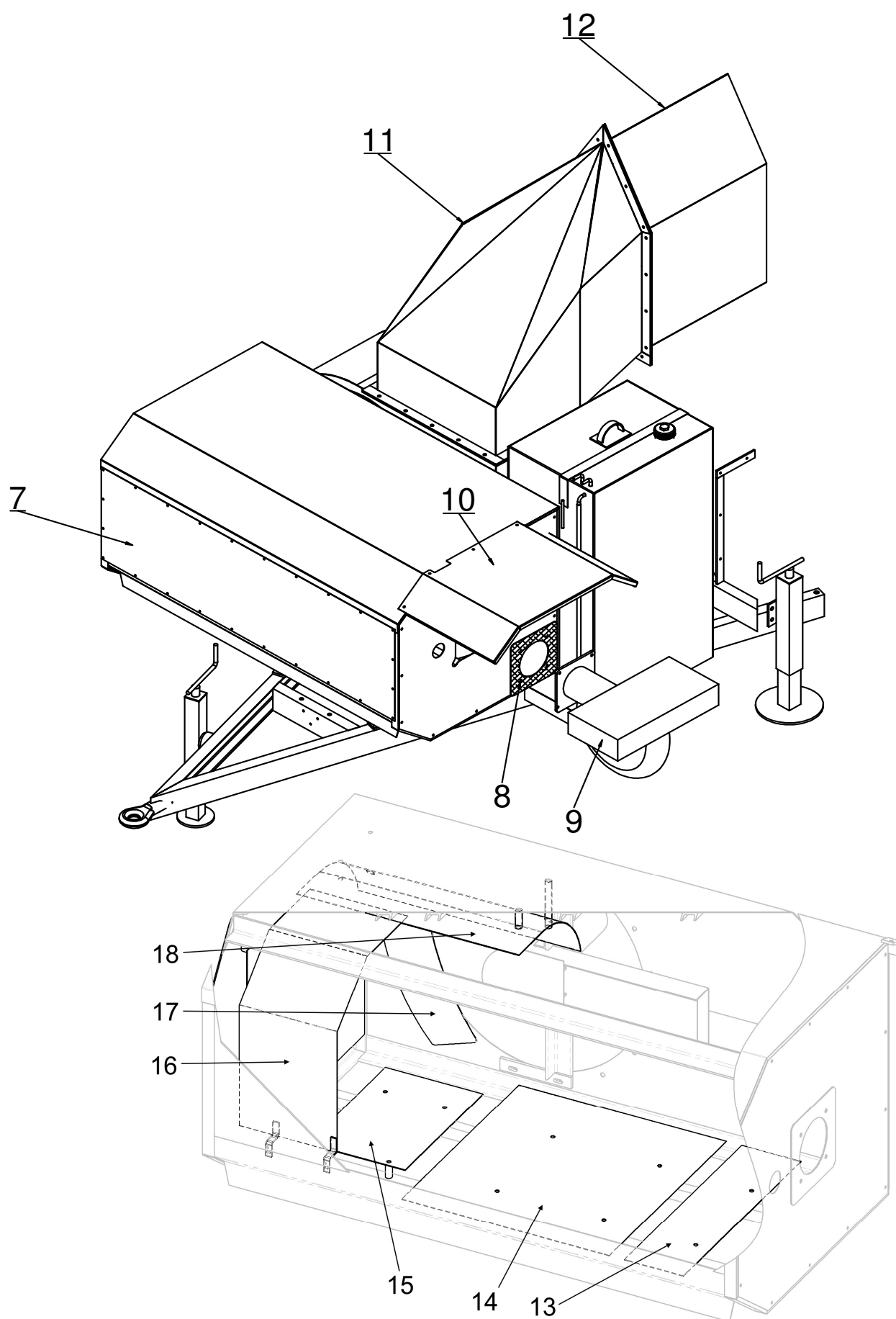
10. HEAT UNIT

HEAT UNIT - TABLE

Pos	Code	Q.ty	Description
1	52067220	1	Box gripping – burner side
2	60067302	1	Furnace Complete (cover + body) RL710 v.2014
2.1	60067320	1	Furnace lid (cover)
2.2	60067331	1	Furnace body with support frame v.2014
2.2.1	09700610	52	Refractory bricks
2.2.2	13067353	1	Furnace bottom, stainless steel
2.2.3	13177024	2	Furnace mouth 395mm (2 pieces)
(*)	13177026	1	Furnace mouth 395mm (welded in the upper part of the mouth)
2.2.4	60067301	1	Support frame (welded to the body of the furnace)
3	60067214	1	Case body
4	60067212	1	Case door v.2014
5	09030000	2	Hinge

(*) : please check the width of the furnace mouth of Your dryer, 295mm or 395mm.

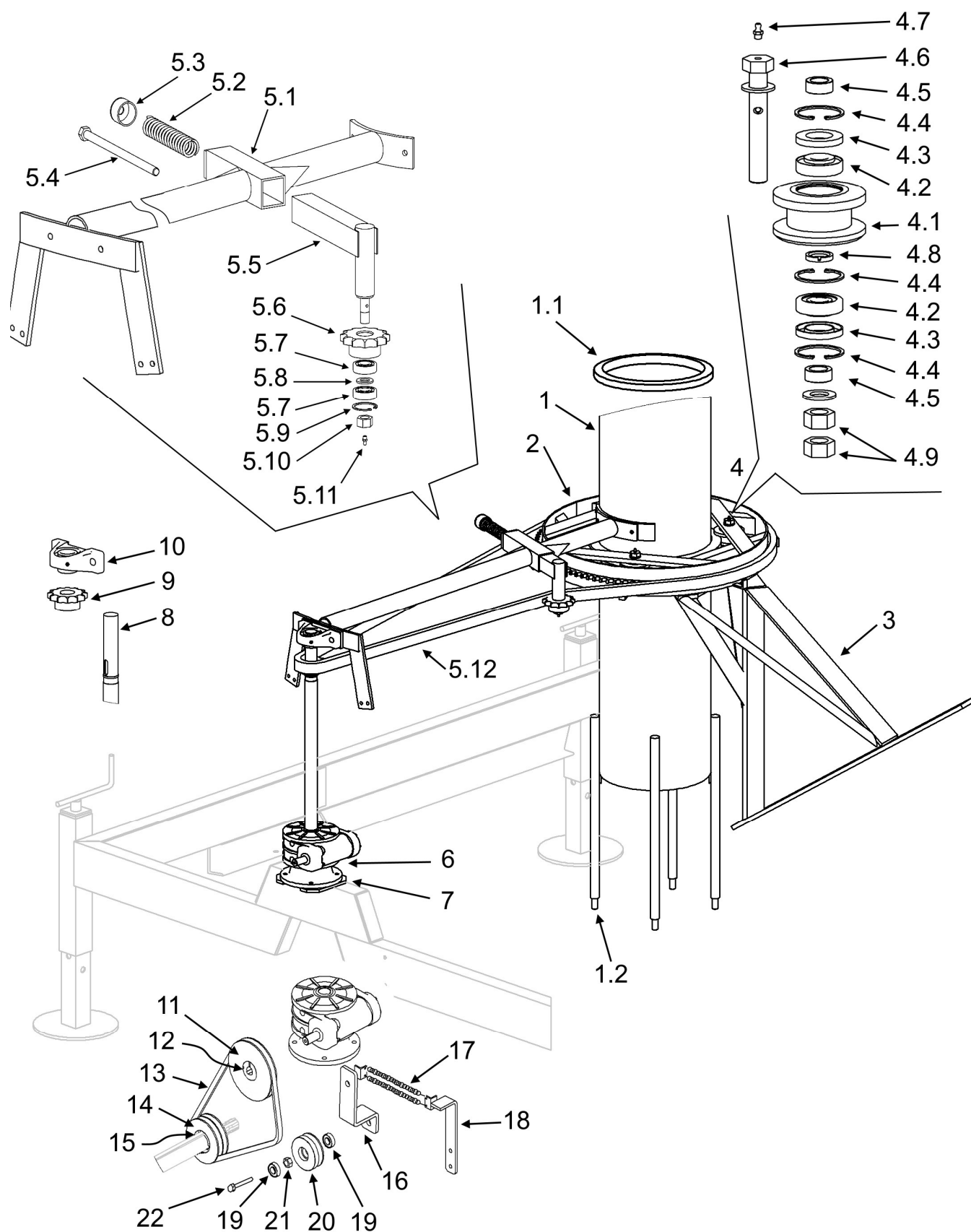
(to be continued)

HEAT UNIT (continued)

HEAT UNIT – TABLE (continued)

Pos	Code	Q.ty	Description
7	52067224	1	Frontal sheet of heat unit case body
8	52067329	1	Burner flange 2G
9	46000075 / 46200005	1	Lamborghini - Burner G 75 Riello - Press 2G BIO
10	52068405	1	Cover for oil burner 2G
11	60067100	1	Outside air duct
12	60067000	1	Internal air duct
13	13067232	1	Flame protection under furnace – burner side
14	13067227	1	Flame protection under furnace – central
15	13067231	1	Flame protection under furnace – fan side
16	60067213	1	Frontal flame protection
17	60067215	1	Fan mouth flame protection
18	60067207	1	Upper flame protection

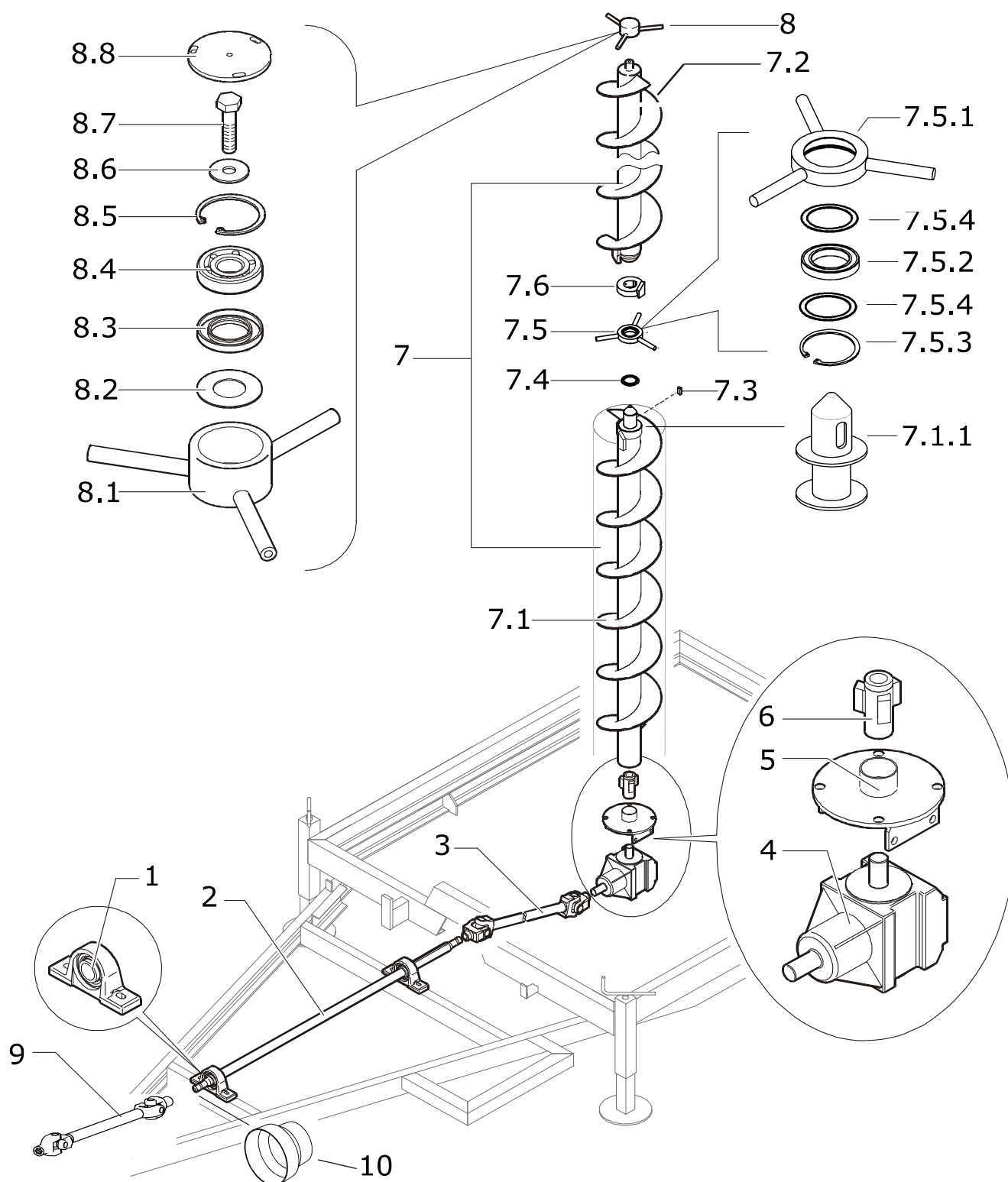
11. AGITATOR AND TRANSMISSION



AGITATOR AND TRANSMISSION - TABLE

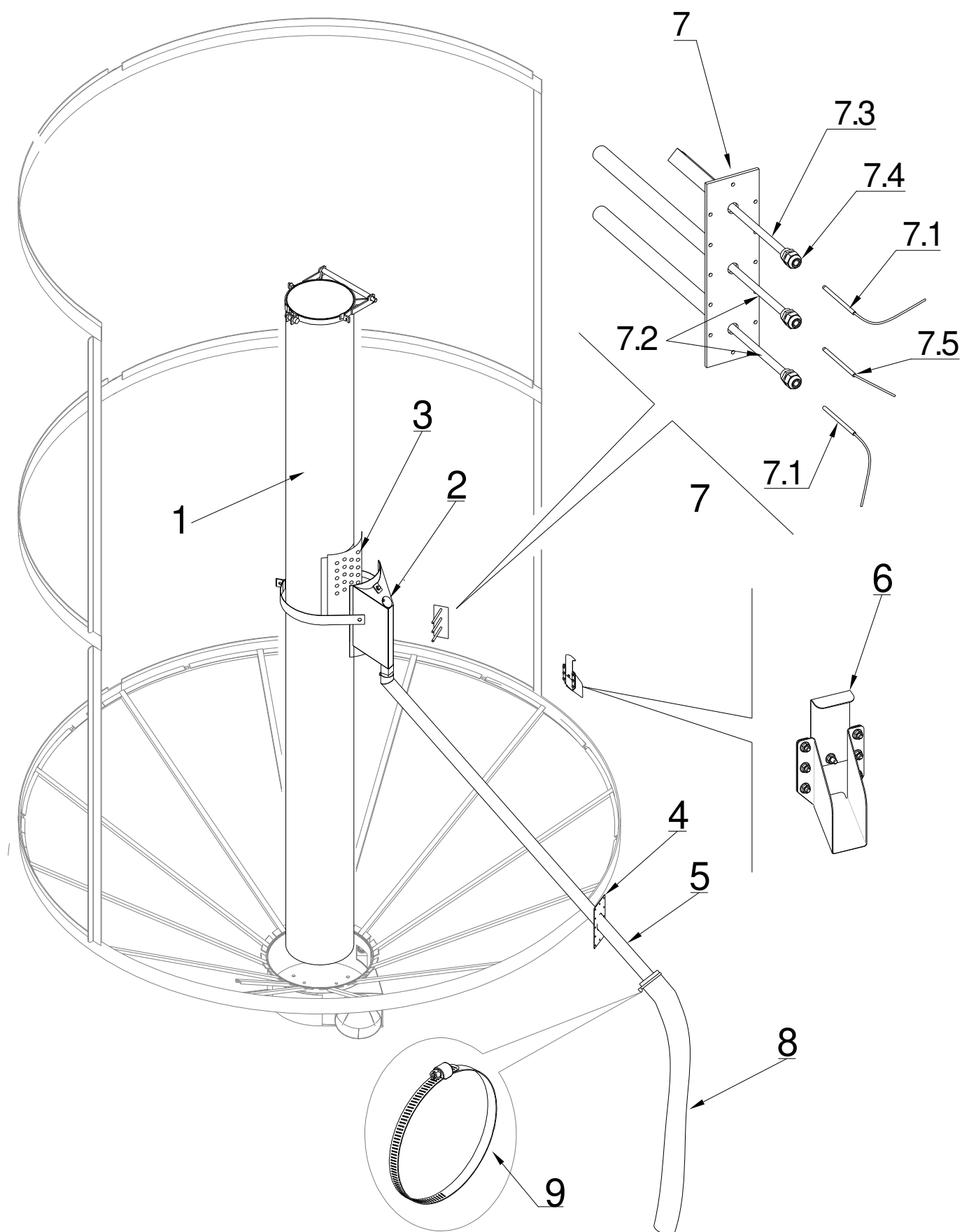
Pos	Code	Q.ty	Description
1	60085201	1	External Central Tube for plenum d.1520mm
1.1	12065010	1	Guide for race ring
1.2	54065202	4	Welded support
2	60065011	1	Race ring – welded – without rollers
3	60065601	1	Agitator arm
4	60065150	3	Roller complete
4.1	54065153	2	Roller
4.2	24030304	2	Bearing 30304
4.3	22100030	2	Oil seal 30-52-7
4.4	22010062	3	Seeger circlip D.62
4.5	54065151	2	Spacer, external
4.6	12065016	1	Bolt M20x130
4.7	22600801	1	Lubrication point M8x1
4.8	54065152	1	Spacer, internal
4.9	18100020	2	Nut M20
5.1	60068060	1	Chain tensioner support with welded ends
5.2	17000640	1	Spring
5.3	60170033	1	Bush spring guide
5.4	60175011	1	Threaded bar M16 L=330
5.5	60175050	1	Mobile support for tensioner pinion
5.6	54068220	1	Pinion Z=12 D.52
5.7	24006304	2	Bearing 6304 2RS
5.8	18500020	1	Washer M20 as spacer
5.9	22010052	1	Seeger circlip d.52
5.10	18100020	1	Nut M20
5.11	22600801	1	Lubrication point M8x1
5.12	26500005	1	Chain 1" simple d.254 models
	26700001	1	Joint for chain 1" simple
	26600001	1	False link for chain 1" simple
6	42850149	1	Worm gearbox RI 85 F2 1/49
7	60068215	1	Gearbox support
8	54068214	1	Agitator shaft L=700
9	54068222	1	Pinion Z12 1" simple
10	23010208	1	Support UCP 208
11	28110170	1	Pulley SPB-170-1
12	28501610	1	Taper bush 1610 d.24
13	26020048	1	Belt B 48
14	28120125	1	Pulley SPB-125-2
15	28512012	1	Taper bush 2012 d.50
16	60068213	1	Support for tensioner
17	17010000	2	Spring
18	60068213	1	Support for spring
19	24006203	2	Bearing 6203 2RS
20	54068205	1	Pulley tensioner SPB-100-1
21	60068206	1	Spacer (Nut M16 with drilled hole)
22	18001670	1	Screw M16x70

12. CENTRAL AUGER AND TRANSMISSION WITH INTERMEDIATE BEARING



CENTRAL AUGER AND TRANSMISSION with intermediate bearing - TABLE

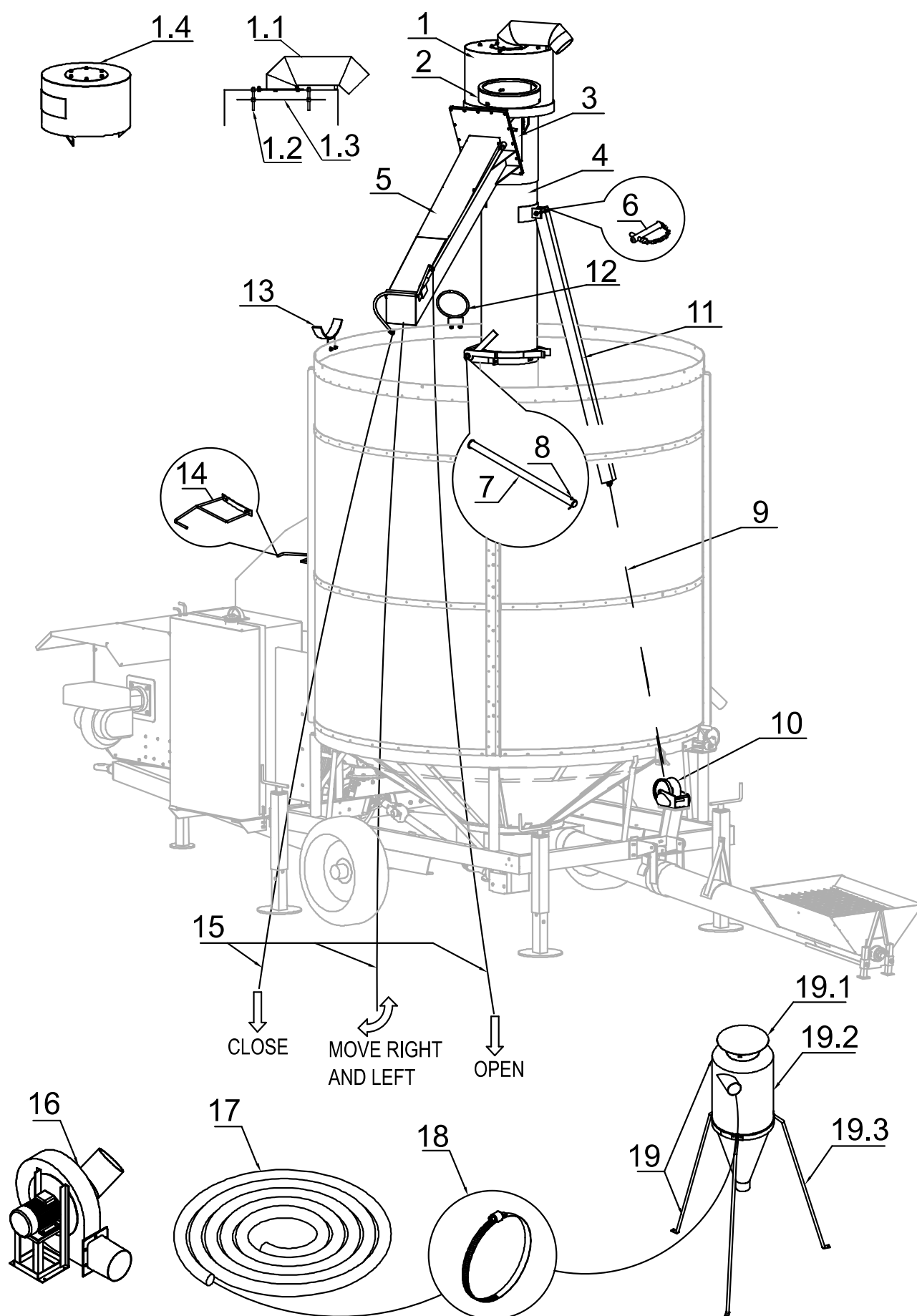
Pos	Code	Q.ty	Description
1	23050211	2	UKP 211 support
2	54178021	1	Main shaft 1"3/8-1"3/4 (since 2016)
3	40051100	1	Cardan shaft B5x1100 A60-A60
4	42040001	1	Gearbox COMER T-278A 9.278.224.30 i=1:2.33
5	60065003	1	Gearbox flange
6	60065004	1	Male dragger joint
7*	60095021	1	Complete central auger (lower + upper + intermediate bearing)
7.1*	60095003	1	Central auger lower section with interm. bearing
7.2*	60065016	1	Central auger upper section with interm. bearing
7.1.1*	60065017	1	Connection with pin (welded)
7.3	12065372	1	Parallel key 18x11
7.4*	12065367	1	Spacer main auger
7.5*	60065019	1	Triangle with internal bearing - COMPLETE
7.5.1*	60065018	1	Triangle
7.5.2	24006013	1	Bearing 6013 2RS (65-100-18)
7.5.3	22010100	1	Seeger circlip D.100
7.5.4*	13065000 or 18530000	2	Washer for bearing
7.6*	60065020	1	Internal hub transmission
8	60065500	1	Dragger complete
8.1	54065502	1	Support with spacers
8.2	52065504	1	Washer
8.3	22100040	1	Oil seal 40-80-10
8.4	24006208	1	Bearing 6208 2RS
8.5	22010080	1	Seeger circlip D.80
8.6	18501648	1	Washer
8.7	18001630	1	Bolt M16 x 30
8.8	52065501	1	Lid
9	40061401	1	Cardan shaft B6x1400 A60-A64 (since 2016)
10	40000210	1	Cardan shaft protection

13. INNER CENTRAL TUBE AND CYLINDER ACCESSORIES

INNER CENTRAL TUBE AND CYLINDER ACCESSORIES - TABLE

Pos.	Code	Q.ty	Description
1	60095012	1	Inner central tube d.368 L=3350 LOWER PART for SWIVEL discharge version
	60095100		Inner central tube d.368 L=3860 COMPLETE for GUILLOTINE discharge version
2	60086200	1	Eject cleaner - COMPLETE
3	13086133	1	Cleaner screen, blank H=480
3	14086001	1	Cleaner screen, 1.5mm (osr) H=480
3	14086002	1	Cleaner screen, 2 mm H=480
3	14086003	1	Cleaner screen, 2.5mm (barley, wheat, oats) H=480
3	14086004	1	Cleaner screen, 3 mm H=480
3	14086005	1	Cleaner screen, 4mm (<u>optional</u>) H=480
3	14086006	1	Cleaner screen, 5mm (<u>optional</u> ; peas, beans) H=480
4	52066212	1	Cleaner flange
5	60086201	1	Cleaner tube
6	60042003	1	Grain sampler
7	60062400	1	Sensor bearer
7.1	34000031	2	air temp. sensor PT100 with silicone cable
7.2	12062405	2	sensor tube L = 780
7.3	12062406	1	sensor tube L = 300
7.4		3	Cable gland G ½
7.5#	08160000	1	Emergency sensor with iron cable
8	07126001	1	Flexible tube d.70 L= 1mt for cleaner tube - OPTIONAL
9	18060003	2	Hose Clamp for flexible tube d.70 mm - OPTIONAL

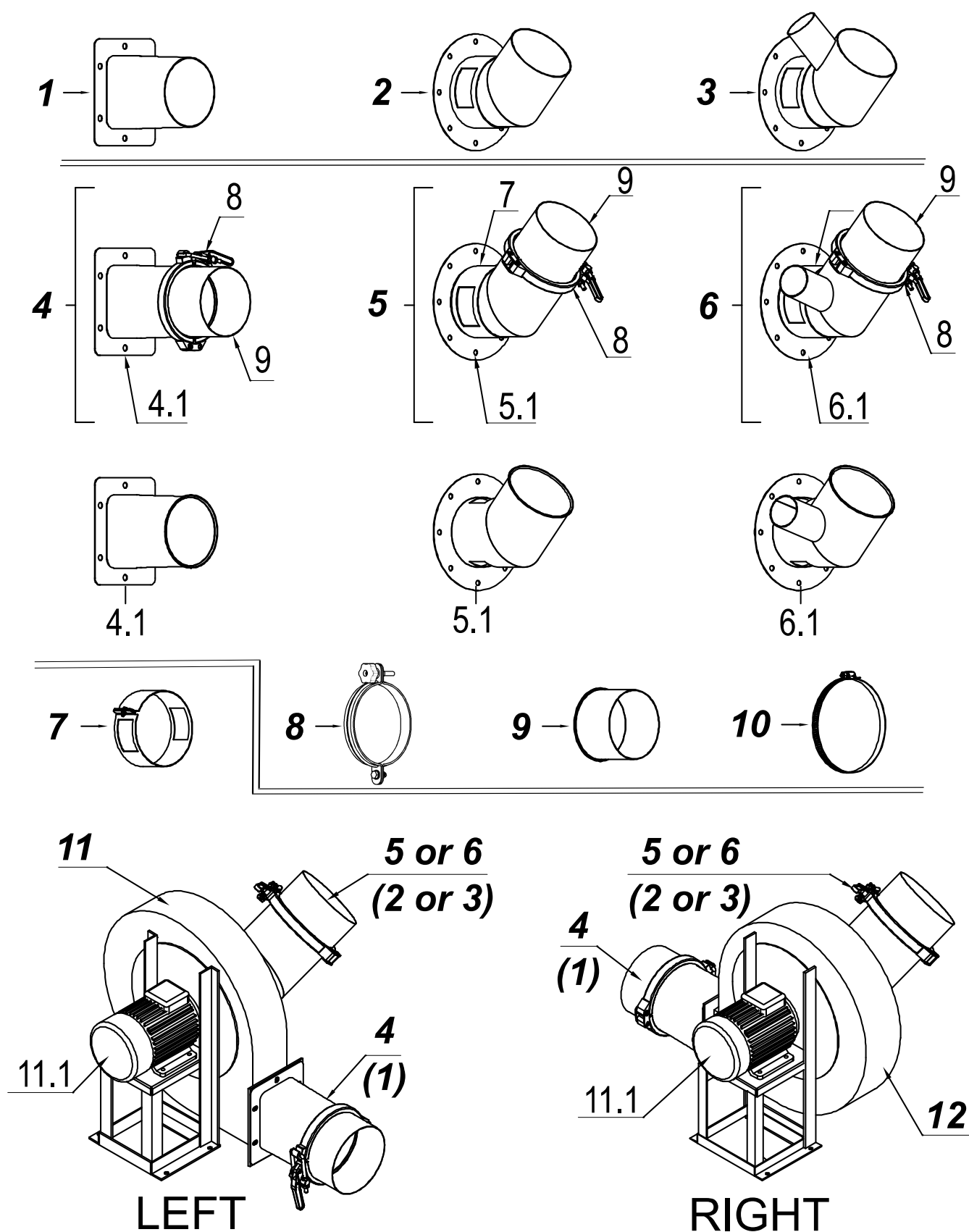
see also "Electric box" - Safety thermostat

14. SWIVEL DISCHARGE – FORWARD TIPPING (SINCE 2015)

SWIVEL DISCHARGE – FORWARD TIPPING (SINCE 2015)

Pos	Code	Q.ty	Description
1	60066102	1	Cap with pipe D.150
1.1	60066013	1	Steel pipe
1.2	18000820	4	Threaded rod L=120
1.3	52170006	1	Adjustment disc internal
1.4	60066103	1	Cap closed (later adaptable for dust suction system)
2	60066015	1	Ring support for the valve
3	60066001	1	Discharge valve
4	60065252	1	Central tube upper section L=1700 – forward tipping
5	60066101	1	Swivel discharge - chute
6	38060001	1	Link pin
7	60176005	1	pin for tipping
8	18601004	1	Split pin d.4 L=50
9	38050000	4 mt	Steel rope for winch, d.5 L=4000
10	38300900	1	Winch
11	60066126	1	Lever tube of the winch system
12	60066008	1	Guide ring
13	60066035	1	Support for lowered tube
14	60066140	1	Support for lowered chute
15	38600004	1+1+1	Steel rope - open L=3000, close L=3400, move L=4700
16	-	1	Fan – see next table
17	07012150 or 07100150	9 mt	Ø150mm flexi hose SUPERFLEX L=9 mt or Ø150mm flexi hose PVC L=9 mt
18	18060005	1	Hose Clamp for flexible tube Ø150 mm
19	60066010	1	Cyclone assembly and mounting stand - Ø150 mm
19.2	60066034	1	Cyclone diam. 640 mm - tube Ø150mm
19.1	13066031	1	Cyclone cover
19.3	60066012	3	Mounting stand for cyclone - complete

15. DUST EXTRACTION FAN ASSEMBLY LAYOUT



DUST EXTRACTION FAN ASSEMBLY LAYOUT - TABLE**DIRECT CONNECTION (TILL MID-2014) - TABLE**

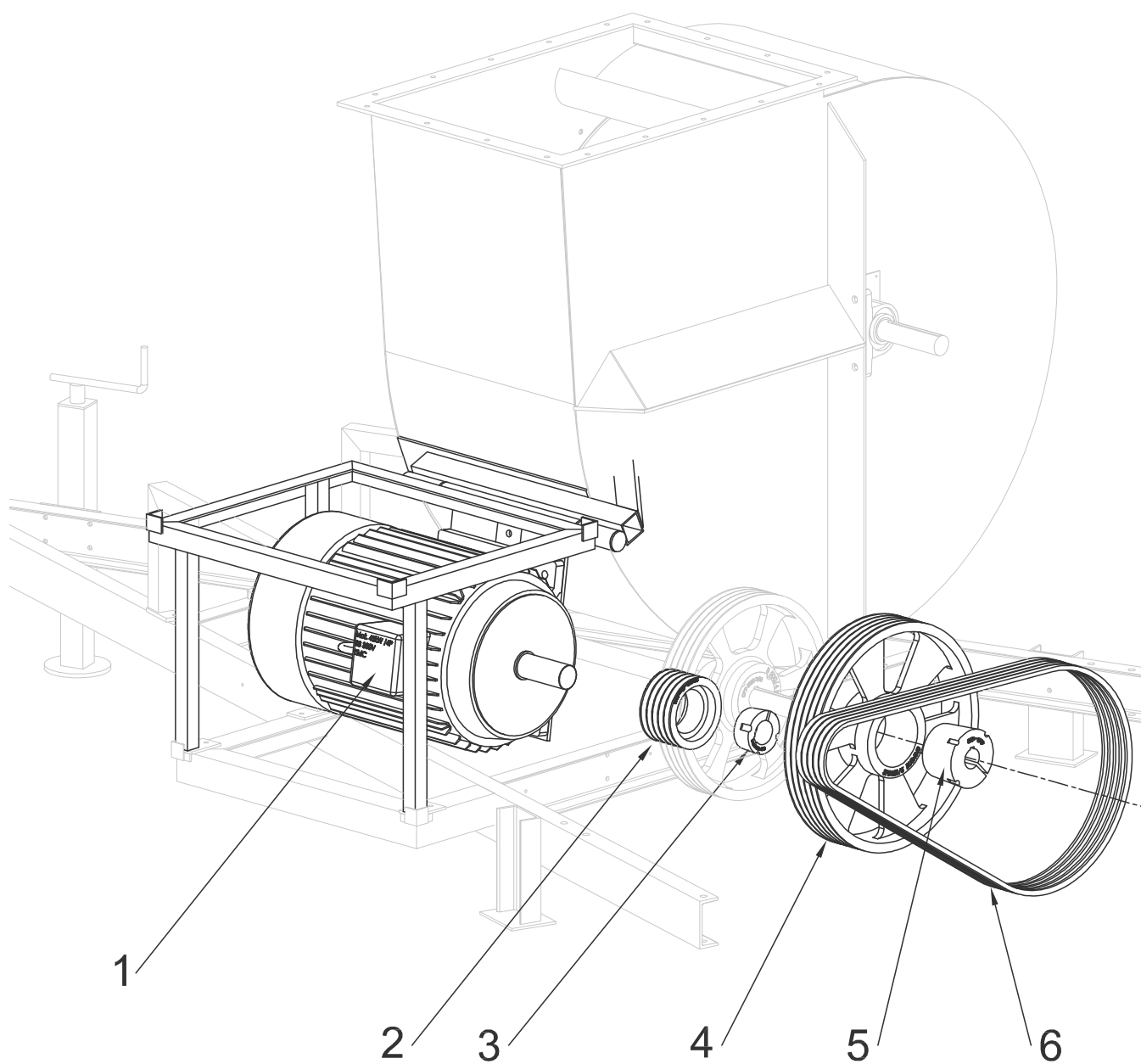
Pos	Code	Q.ty	Description
1	60066006	1	Outlet flange for direct hose connection Ø150 mm
2	60066060	1	Inlet flange for direct hose connection with air suction valve Ø150 mm
3	60066061	1	Inlet flange for direct hose connection with air suction valve and cleaner pipe connection Ø150 mm

FLANGED CONNECTION (SINCE MID-2014) - TABLE

Pos	Code	Q.ty	Description
4	60066072	1	COMPLETE fan outlet (flanged edge) Ø150 mm
4.1	60066068	1	Outlet flange with flanged edge Ø150 mm
5	60066076	1	COMPLETE fan inlet (flanged edge) with air suction valve - Ø150 mm
5.1	60066064	1	Inlet flange with flanged edge Ø150 mm
6	60066077	1	COMPLETE fan inlet (flanged edge) with air suction valve, and cleaner pipe connection - Ø150 mm
6.1	60066065	1	Inlet flange (flanged edge) Ø150 mm with cleaner pipe connection
8	60066170	1	Quick-locking clamp for hose Ø150 mm
9	12066083	1	Pipe-to-Hose Flange (flanged edge) Ø150 mm
10	18060005	1	Stainless Hose Clamp Ø150 mm

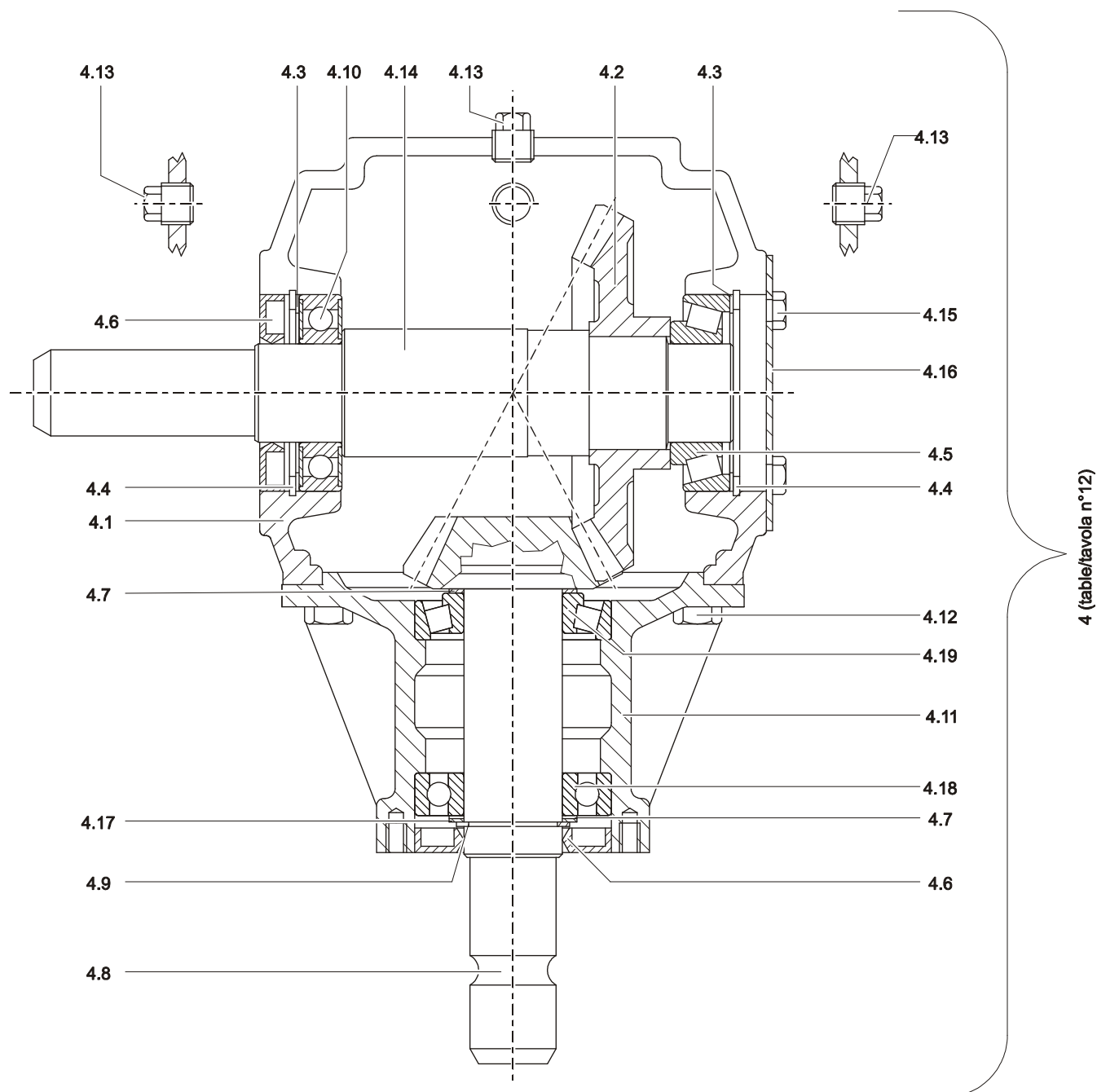
COMMON COMPONENTS - TABLE

Pos	Code	Q.ty	Description
7	13066055	1	Air suction valve Ø150 mm
11	32020351	1	Fan assembly - - LEFT oriented outlet – (complete with three phase motor 1.1kw)
11*	32020353	1	Fan assembly - - LEFT oriented outlet – (complete with single phase motor 1.1kw)
11.1	43020001	1	Three phase motor 1.1kw B3 380V
11.1*	43120001	1	Single phase motor 1.1kw 230V
12	32020350	1	Fan assembly - - RIGHT oriented outlet – (complete with three phase motor 1.1kw)
12*	32020352	1	Fan assembly - - RIGHT oriented outlet – (complete with single phase motor 1.1kw)

16. VERSION PTO + SINGLE ELECTRIC MOTOR

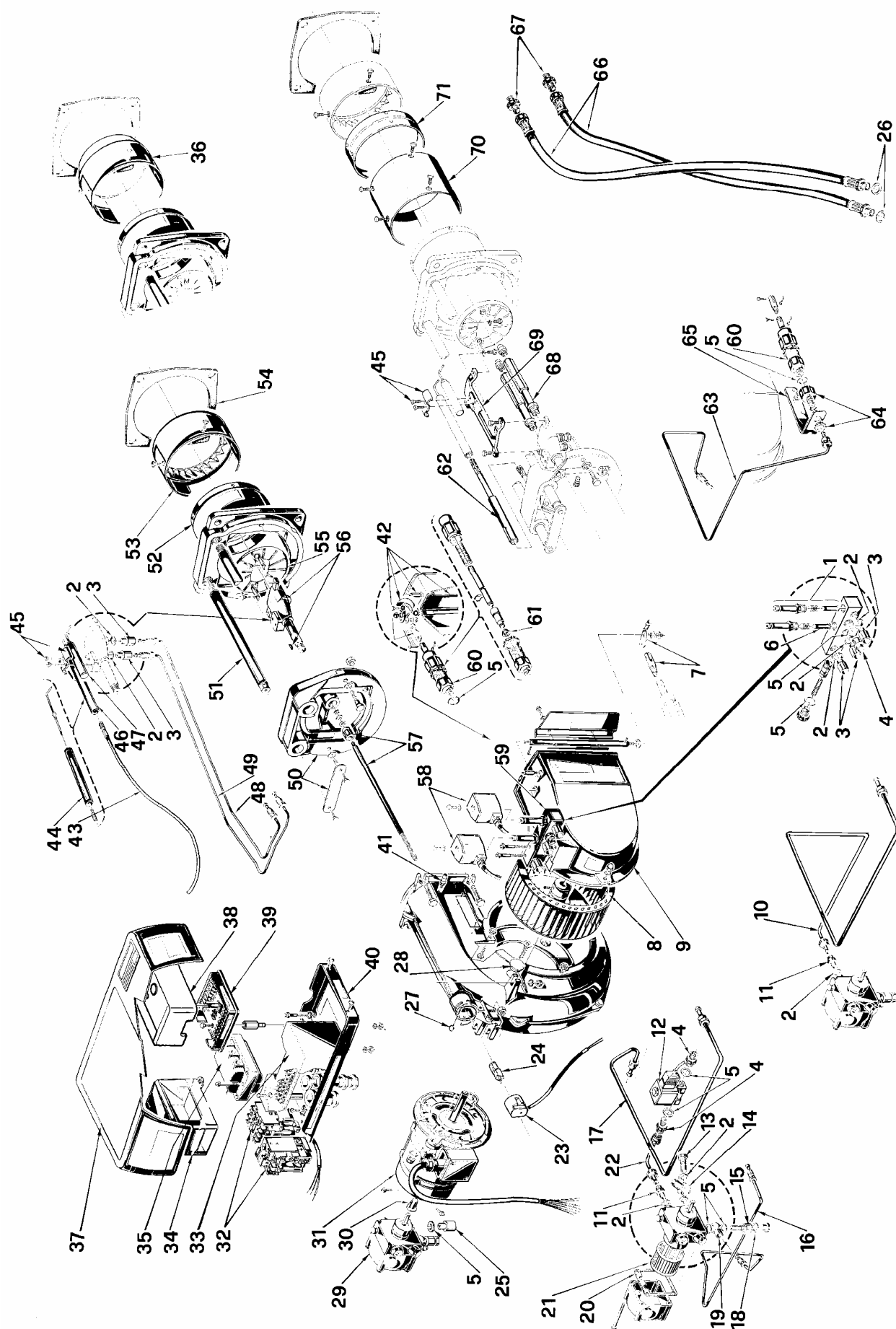
VERSION PTO + SINGLE ELECTRIC MOTOR - TABLE

Pos	Code	Q.ty	Description
1	43040017	1	Motor 30kW 400V 4 poles
2	28140170	1	Pulley SPB-170-4
3	28592517	1	Taper bush 2517 d.55
4	28140560	1	Pulley SPB-560-4
5	28513535	1	Taper bush 3535 d.50
6	26032500	4	Belt SPB 2500

17. GEARBOX COMER T-278A 9.278.224.30

Gearbox COMER T-278A 9.278.224.30 - TABLE

Position	Q.ty	Description
4.1	1	Box
4.2	1	Crown wheel Z 28 M 5.47
4.3	2	Spacer 79,7
4.4	2	Seeger circlip 80 UNI7437
4.5	1	Bearing 32208
4.6	1	Oil seal 40-80-10
4.7	2	Shim 40.3x51.5
4.8	1	Pinion shaft Z 12 M 5.47
4.9	1	Seeger circlip
4.10	1	Needle bearing 6208 2RS
4.11	1	Extension
4.12	6	Bolt M10x25 8.8
4.13	1	Plug 3/8" gas
4.14	1	Shaft 1" 3/8 Z6
4.15	4	Bolt M 8x12 8.8
4.16	1	Cover
4.17	1	Spacer
4.18	1	Bearing 6208
4.19	1	Bearing 30208

18. RIELLO BUNER PRESS 2G BIO – 46200005

Riello Burner Press 2G BIO – 46200005 - TABLE

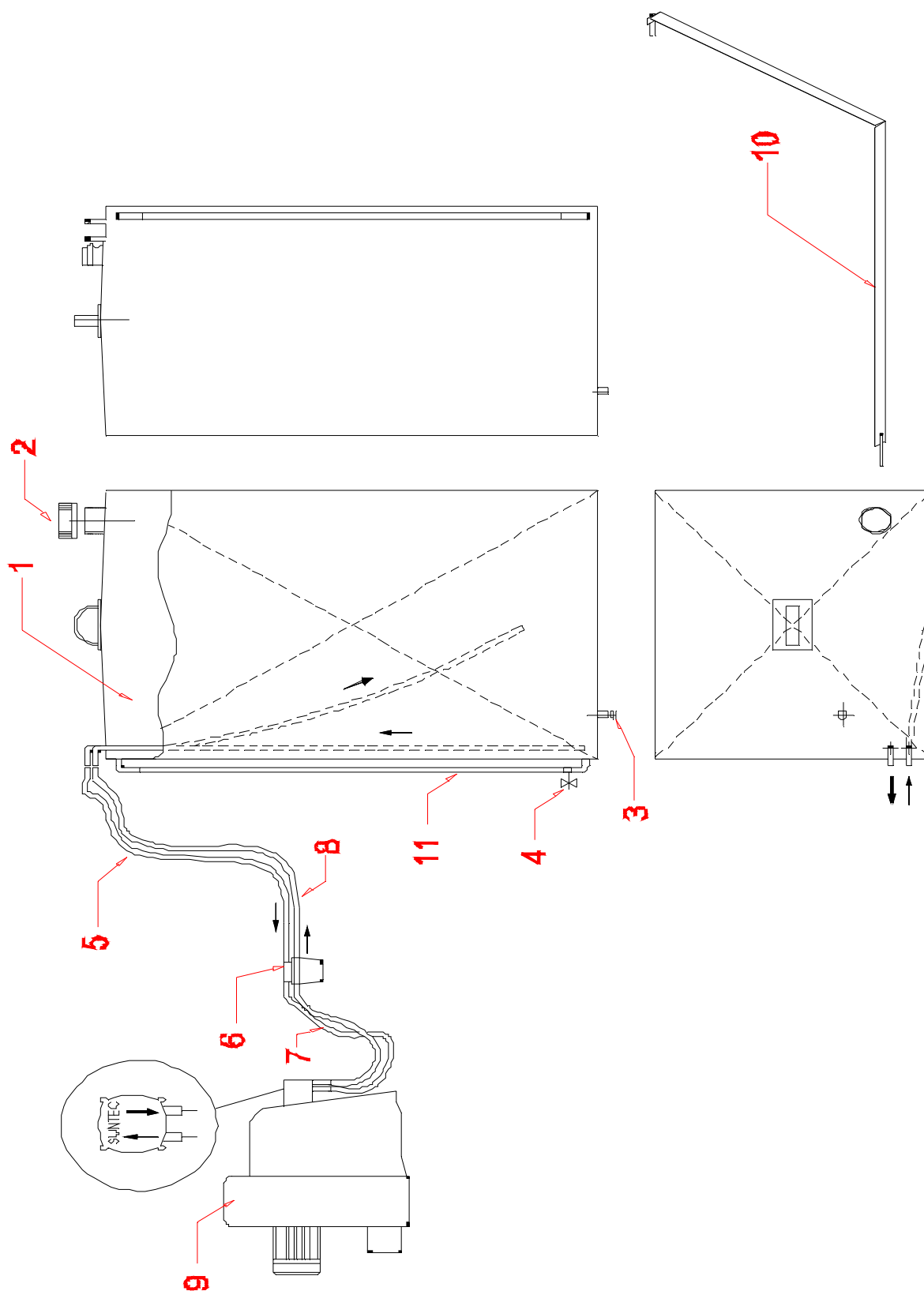
N.	Code	DESCRIZIONE	DESCRIPTION	Advised parts
1	3005733	VALVOLA	NEEDLE VALVE	
2	3007077	GUARNIZIONE	SEAL	B
3	3006719	RACCORDO	CONNECTOR	C
4	3006723	RACCORDO	CONNECTOR	C
5	3007079	GUARNIZIONE	SEAL	B
6	3006038	SPILLO	PIN	
8	3005444	GIRANTE	FAN	C
9	3003362	BOCCA D'ASPIRAZIONE	AIR INTAKE	
10	3006737	TUBO	TUBE	
11	3006720	RACCORDO	CONNECTOR	C
15	3006783	RACCORDO	CONNECTOR	C
16	3006738	TUBO	TUBE	
18	3007082	GUARNIZIONE	SEAL	B
19	3006784	RACCORDO	CONNECTOR	C
20	3003081	GUARNIZIONE	SEAL	A
21	3006801	FILTRO	FILTER	A
22	3003326	VETRINO	VIEWING PORT	
24	20024298	FOTORESISTENZA	P.E. CELL	A
25	3005739	RACCORDO	CONNECTOR	C
26	3007088	GUARNIZIONE	SEAL	A
27	3003325	FERMO	SPRING LOCK	
28	3003406	PROTEZIONE	GRID	
29	20033130	POMPA	PUMP	C
30	3006718	GIUNTO	JOINT	A
31	3006618	MOTORE	MOTOR	C
33	3003071	COPERCHIO	COVER	
35	3012159	TRASFORMATORE	TRANSFORMER	B
37	3003387	COPERCHIO	COVER	
40	3003328	MENSOLA	BASE PLATE	
41	3003322	RACCORDO	CONNECTOR	C
42	3000610	GRUPPO SERRANDA	AIR DAMPER ASSEMBLY	
43	3003794	COLLEGAMENTO	H.T. LEAD	A
44	3004843	ISOLATORE	INSULATOR	A
45	3003495	CAVALLOTTO	U BOLT	
46	3004842	ELETTRODO	ELECTRODE	A
47	3005490	ELETTRODO DI MASSA	EARTH ELECTRODE	A
48	3006740	TUBO	TUBE	
49	3006741	TUBO	TUBE	
50	3003687	COLLARE	COLLAR	
51	3003688	PERNO	BAR	
52	3005545	BOCCAGLIO	BLAST TUBE	
53	3005502	IMBUTO FIAMMA	END CONE	B
54	3005741	SCHERMO	FLANGE GASKET	A
55	3005503	ELICA	DIFFUSER DISC	A
56	3005520	PORTASPRUZZO	NOZZLE HOLDER	C
57	3003690	ALBERO	SHAFT	
58	3006714	BOBINA	COIL	B
59	3005492	GRUPPO VALVOLE	VALVE ASSEMBLY	B
60	3003701	MARTINETTO	HYDRAULIC JACK	C
62	3000478	PROLUNGA ELETTRODO	ELECTRODE EXTENSION	
66	20033716	TUBO FLESSIBILE	HOSES	A
67	3009068	RACCORDO	CONNECTOR	C
* 68	3000473	PROLUNGA	EXTENSION	
* 69	3000569	SUPPORTO ELETTRODI	ELECTRODE BRACKET	
* 70	3000568	CILINDRO	SLEEVE	C
* 71	3000567	DENTE	CONNECTION	

*Versione Testa Lunga - Long Combustion Head Version

A = Ricambi per dotazione minima - Spare parts for minimum fittings

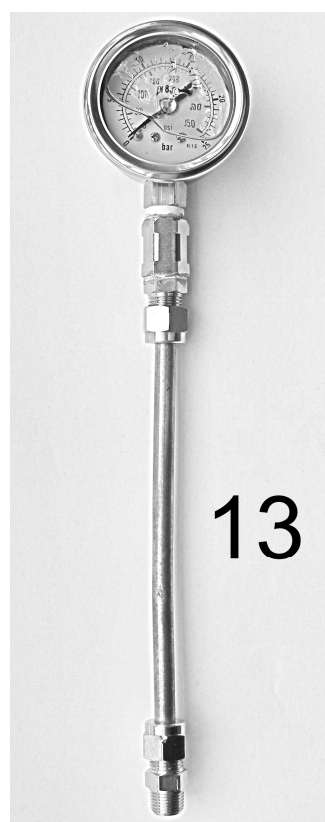
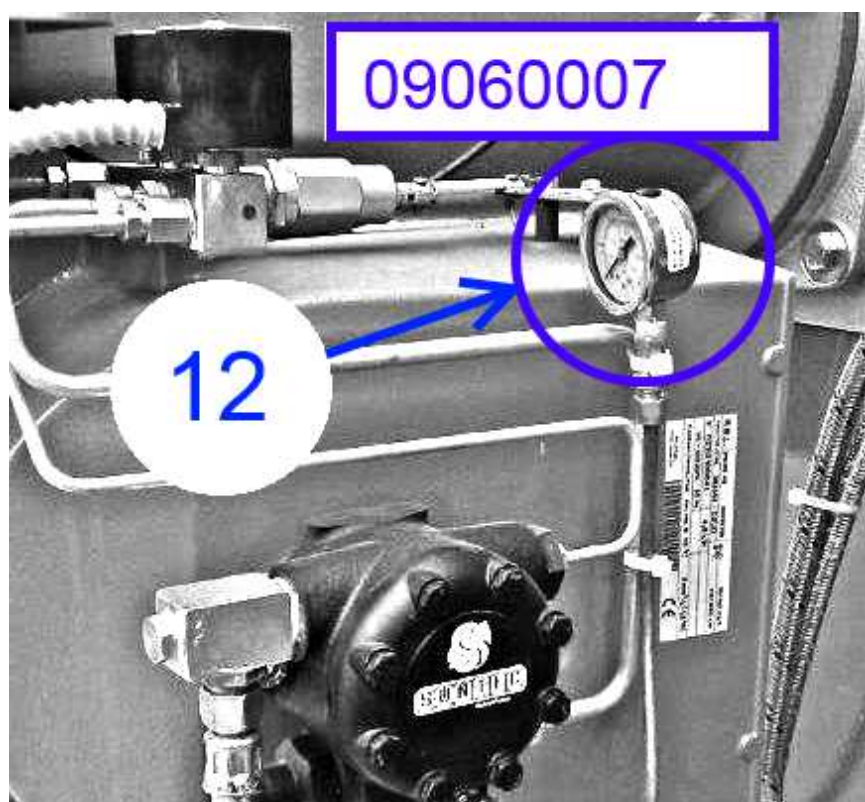
A+B = Ricambi per dotazione base di sicurezza - Spare parts for basic safety fittings

A+B+C = Ricambi per dotazione estesa di sicurezza - Spare parts for extended safety fittings

19. DIESEL TANK

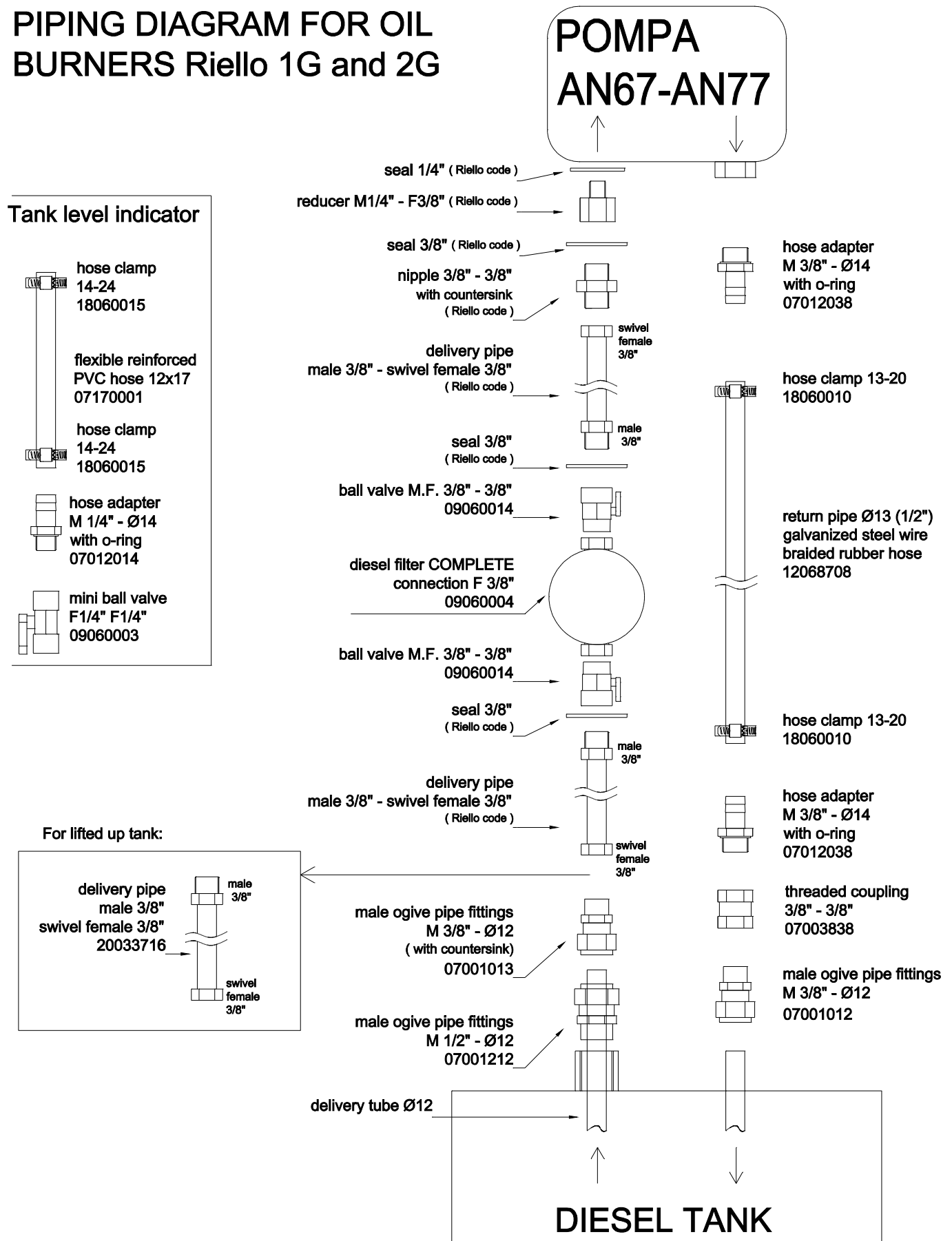
DIESEL TANK

Pos	Code	Q.ty	Description
1	60068600	1	Fuel tank, complete
2	09060001	1	Tank plug
3	09060002	1	Discharge plug
4	09060003	1	Valve
5	12068706	1	Outward pipe (1° section)
6	09060004	1	Diesel filter complete - connection 3/8"
6.1	09060009	1	Pleated stainless steel filtering element
7	12068707	1	Outward pipe (2° section)
8	12068708	1	Return pipe
9	46200005	1	Burner RIELLO Press 2G BIO
10	60068609	1	Tank Strap
11	07250001	1	Tank level indicator
12	09060007	1	Pressure gauge for Riello Burner
13	46200105		Burner pressure gauge KIT for 2G -bio



20. PIPING DIAGRAM FOR OIL BURNERS 1G AND 2G

PIPING DIAGRAM FOR OIL BURNERS Riello 1G and 2G



21. ELECTRIC BOX, EXTERNAL LAYOUT



ELECTRIC BOX, EXTERNAL LAYOUT - TABLE

Pos	Code	Q.ty	Description
1	08010003	1	Thermo-regulator (air temp) Pixsys ATR121
1.1	34000031	1	Sensor, temp probe, PT100
2	08020000	1	Voltmeter (90x90) 0/500 V
3	08060000	3	Power supply lights (three phases)
4	08010003	1	End of cycle thermostat (grain temp) Pixsys ATR121
4.1	34000031	1	Sensor, temp probe, PT100
5	08040101	1	Burner stop
6	08040103	1	Burner start - illuminated button
7	08080106	1	red/yellow selector handle Lovato
8	08070100	1	Stop emergency button
20	08060102	2	Contact blocks NO- Single - M22-K10
21	08060101	2	Contact blocks NC- Single - M22-K01
22	08060110	3	Mounting Adapter - M22-A
23	08060111	1	Light blocks- GREEN -terminal connections 24V



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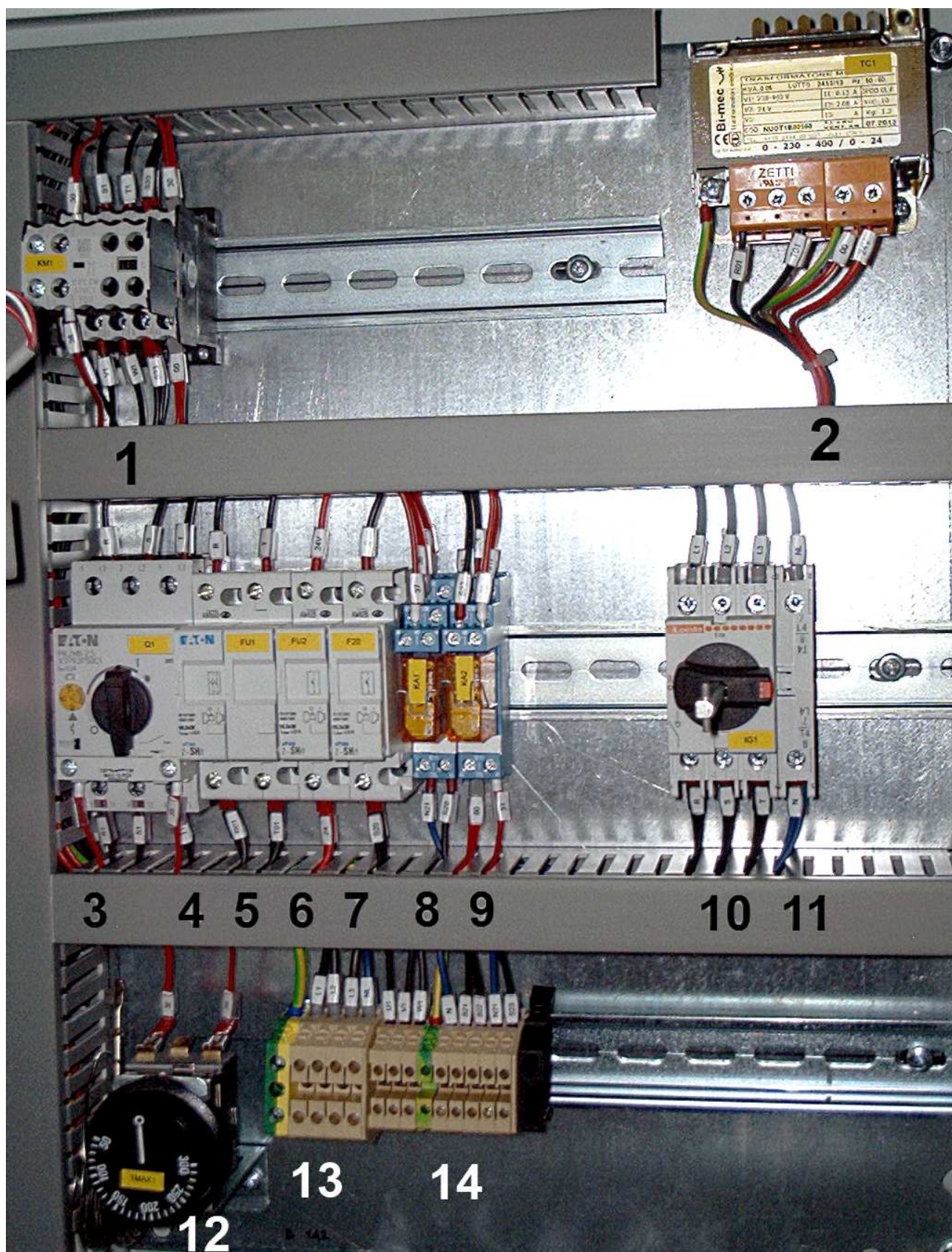


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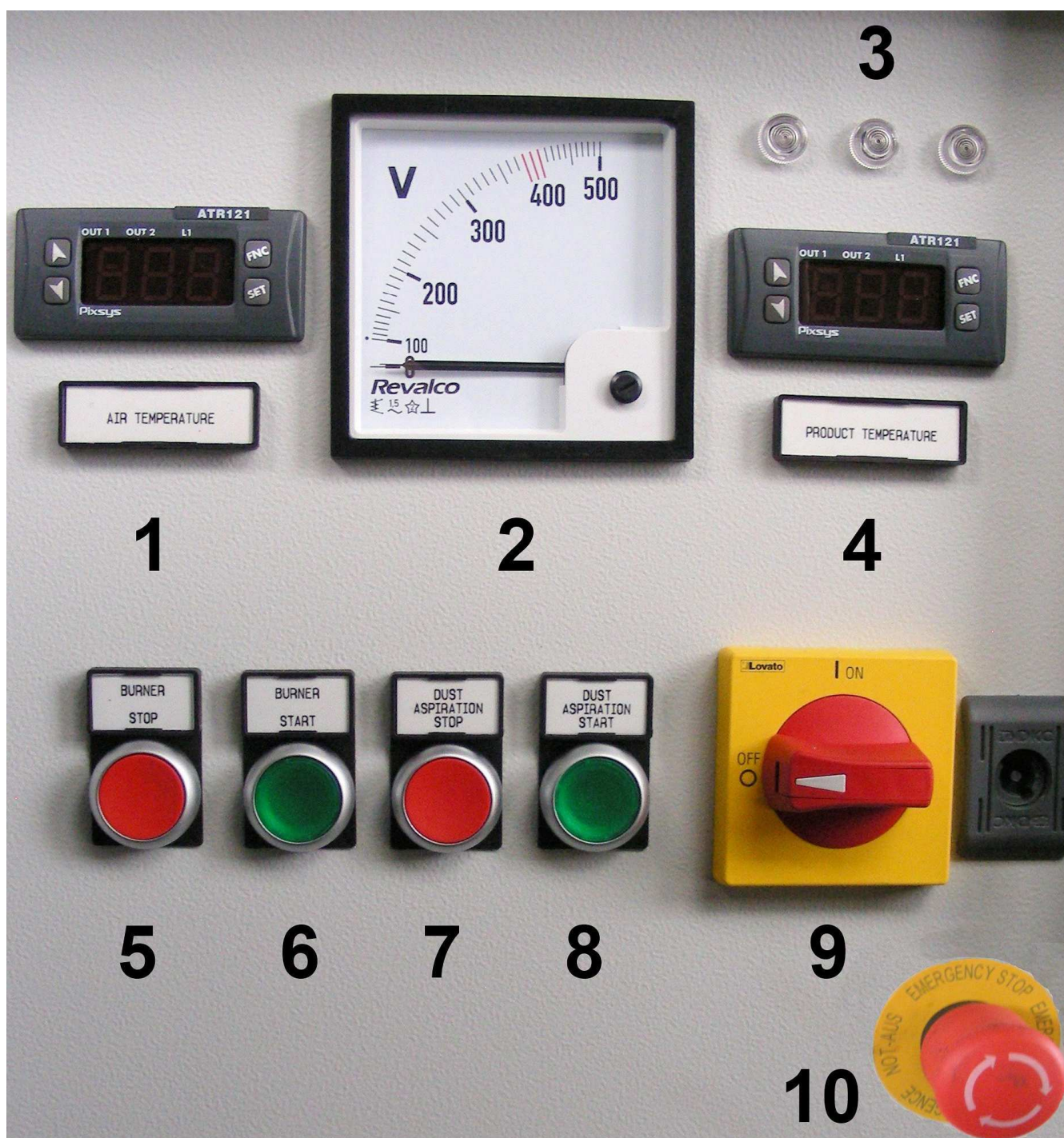
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22. ELECTRIC BOX, INTERNAL LAYOUT



ELECTRIC BOX, INTERNAL LAYOUT - TABLE

Pos	Code	Q.ty	Description
1	08190103	1	Contactor EATON 4kW DILEM4 24Vac
1.1	08190104	1	Auxiliary contact block 11DILEM
2	08110101	1	General transformer 50VA 230-400V/24V
3	08120100	1	Motorprotector EATON PKZMO-2,5 1,6-2,5A
3.1	08190104	1	Auxiliary contact block NHI-E-10-PKZM0 1NO
4	08100100	1	Fuse holder 2 section EATON 2p Z-SH/2 (FU1)
5	08100007	2	Unipolar fuse 1A 10x38
6	08100100	1	Fuse holder 1 section EATON 1P Z-SH/1 (FU2)
6.1	08100010	1	Unipolar fuse 2A 10x38
7	08100100	1	Fuse holder 1 section EATON 1P Z-SH/1 (F20)
7.1	08100001	1	Unipolar fuse 4A 10x38
8	08180101	1	Socket for 40 Series Relay
	08180000	1	Relay FINDER 40.52. 230 V (KA1)
9	08180101	1	Socket for 40 Series Relay
	08180001	1	Relay FINDER 40.52. 24 V (KA2)
10	08080104	1	General switch 3P 25A LOV-GA025A
	08080105	1	Shaft extension for main switch L=90mm
11	08080107	1	Fourth pole ,40A, for general switch
12	08160000	1	Safety thermostat - 50-300°
12.1	08160001	1	Knob for Safety thermostat
13	08150112	1	Earth terminal block 6 mm ²
	08150101	4	Terminal block 4 mm ²
14	08150100	8	Terminal block 2.5 mm ²
	08150110	1	Earth terminal block 2.5 mm ²

23. ELECTRIC BOX, EXTERNAL LAYOUT, WITH DUST ASPIRATION

ELECTRIC BOX, EXTERNAL LAYOUT, WITH DUST ASPIRATION - TABLE

Pos	Code	Q.ty	Description
1	08010003	1	Thermo-regulator (air temp) Pixsys ATR121
1.1	34000031	1	Sensor, temp probe, PT100
2	08020000	1	Voltmeter (90x90) 0/500 V
3	08060000	3	Power supply lights (three phases)
4	08010003	1	End of cycle thermostat (grain temp) Pixsys ATR121
4.1	34000031	1	Sensor, temp probe, PT100
5	08040101	1	Burner stop - button
6	08040103	1	Burner start - illuminated button
7	08040101	1	Dust aspiration stop - button
8	08040103	1	Dust aspiration start - button
9	08080106	1	red/yellow selector handle Lovato
10	08070100	1	Stop emergency button
20	08060102	3	Contact blocks NO- Single - M22-K10
21	08060101	4	Contact blocks NC- Single - M22-K01
22	08060110	5	Mounting Adapter - M22-A
23	08060111	2	Light blocks- GREEN -terminal connections 24V



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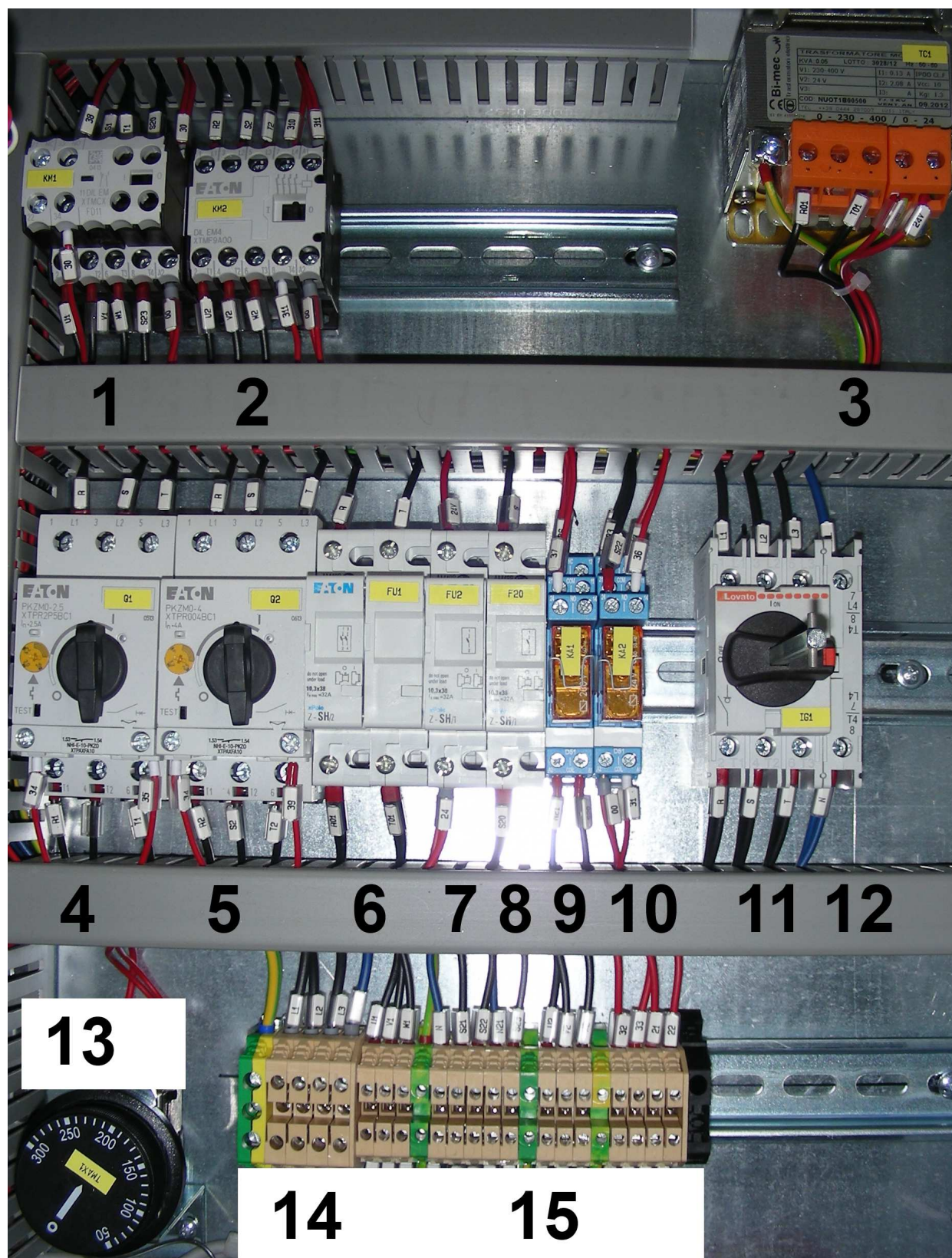


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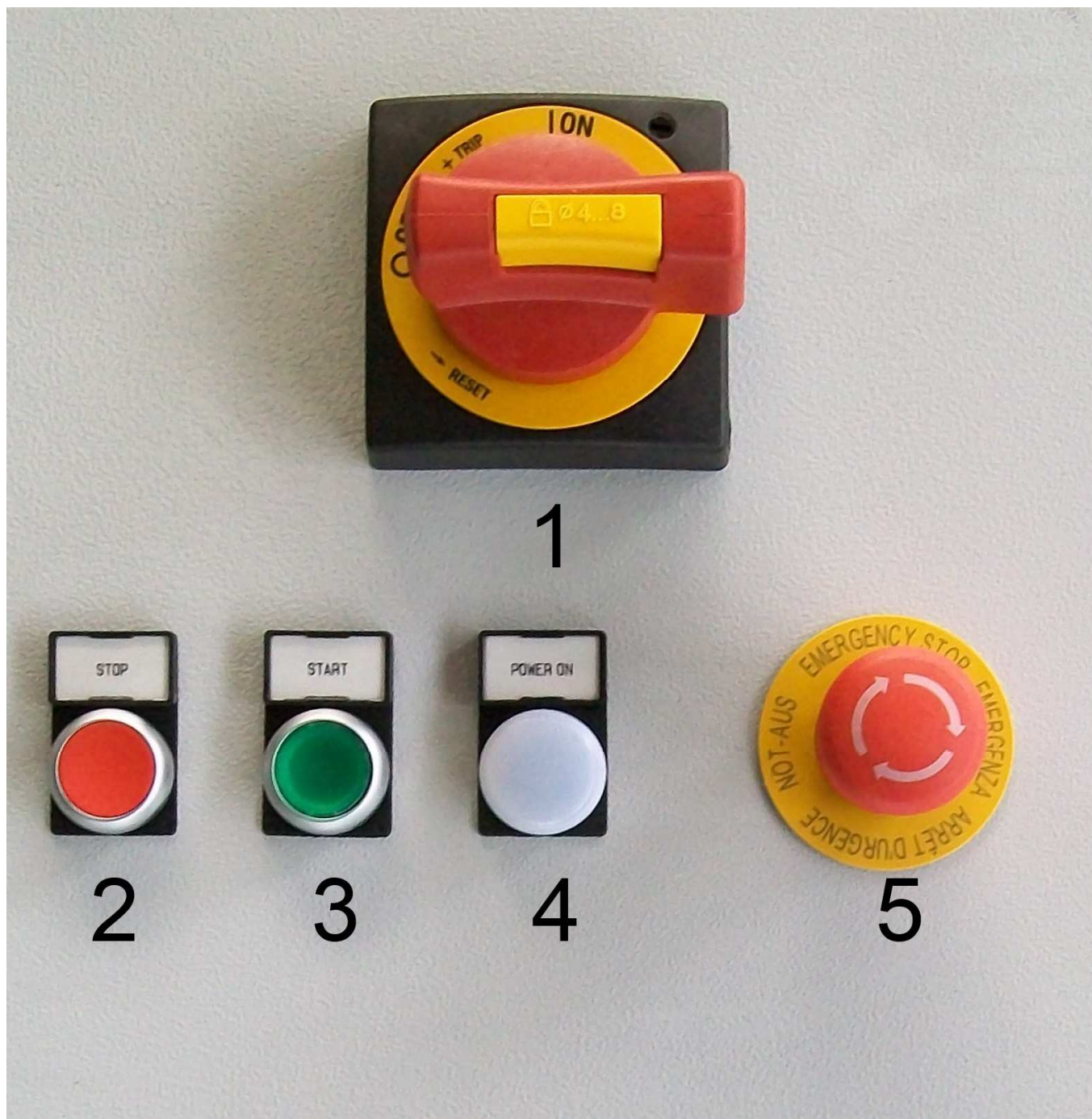
24. ELECTRIC BOX, INTERNAL LAYOUT, WITH DUST ASPIRATION



ELECTRIC BOX, INTERNAL LAYOUT, WITH DUST ASPIRATION

Pos	Code	Q.ty	Description
1	08190103	1	Contactor EATON 4kW DILEM4 24Vac
1.1	08190104	1	Auxiliary contact block 11DILEM
2	08190103	1	Contactor EATON 4kW DILEM4 24Vac
3	08110101	1	General transformer 50VA 230-400V/24V
4	08120100	1	Motorprotector EATON PKZMO-2,5 1,6-2,5A
4.1	08190105	1	Auxiliary contact block NHI-E-10-PKZM0 1NO
5	08120101	1	Motorprotector EATON PKZMO-4 2,5-4A
5.1	08190105	1	Auxiliary contact block NHI-E-10-PKZM0 1NO
6	08100101	1	Fuse holder 2 section EATON 2P Z-SH/2 (FU1)
6.1	08100007	2	Unipolar fuse 1A 10x38
7	08100100	1	Fuse holder 1 section EATON 1P Z-SH/1 (FU2)
7.1	08100010	1	Unipolar fuse 2A 10x38
8	08100100	1	Fuse holder 1 section EATON 1P Z-SH/1 (F20)
8.1	08100001	1	Unipolar fuse 4A 10x38
9	08180101	1	Socket for 40 Series Relay
	08180000	1	Auxiliary relay FINDER 40.52. 230V (KA1)
10	08180101	1	Socket for 40 Series Relay
	08180001	1	Auxiliary relay FINDER 40.52. 24V (KA2)
11	08080104	1	General switch 3P 25A LOV-GA025A
	08080105	1	Shaft extension for main switch L=90mm
12	08080107	1	Fourth pole, 40A, for general switch
13	08160000	1	Safety thermostat - 50-300°
13.1	08160001	1	Knob for Safety thermostat
14	08150112	1	Earth terminal block 6 mm ²
	08150101	4	Terminal block 4 mm ²
15	08150100	15	Terminal block 2.5 mm ²
	08150110	2	Earth terminal block 2.5 mm ²

25. ELECTRIC BOX, EXTERNAL LAYOUT, FOR SINGLE MOTOR 30KW 400V



ELECTRIC BOX, EXTERNAL LAYOUT, FOR SINGLE MOTOR 30kW 400V (*) - TABLE

Pos	Code	Q.ty	Description
1	08080101	1	Rotary handle, red-yellow, for NZM1
2	08040101	1	Motor stop button
3	08040103	1	Motor start illuminated button
4	08060100	1	Control circuit 24V AC powered – white light
5	08070100	1	Stop emergency button
20	08060102	1	Contact blocks NO- Single - M22-K10
21	08060101	3	Contact blocks NC- Single - M22-K01
22	08060110	4	Mounting Adapter - M22-A
23	08060111	1	Light blocks- GREEN - M22-LED-G 24V
23	08060112	1	Light blocks- WHITE - M22-LED-W 24V

(*): this scheme is not completely suitable for 230 V voltage.



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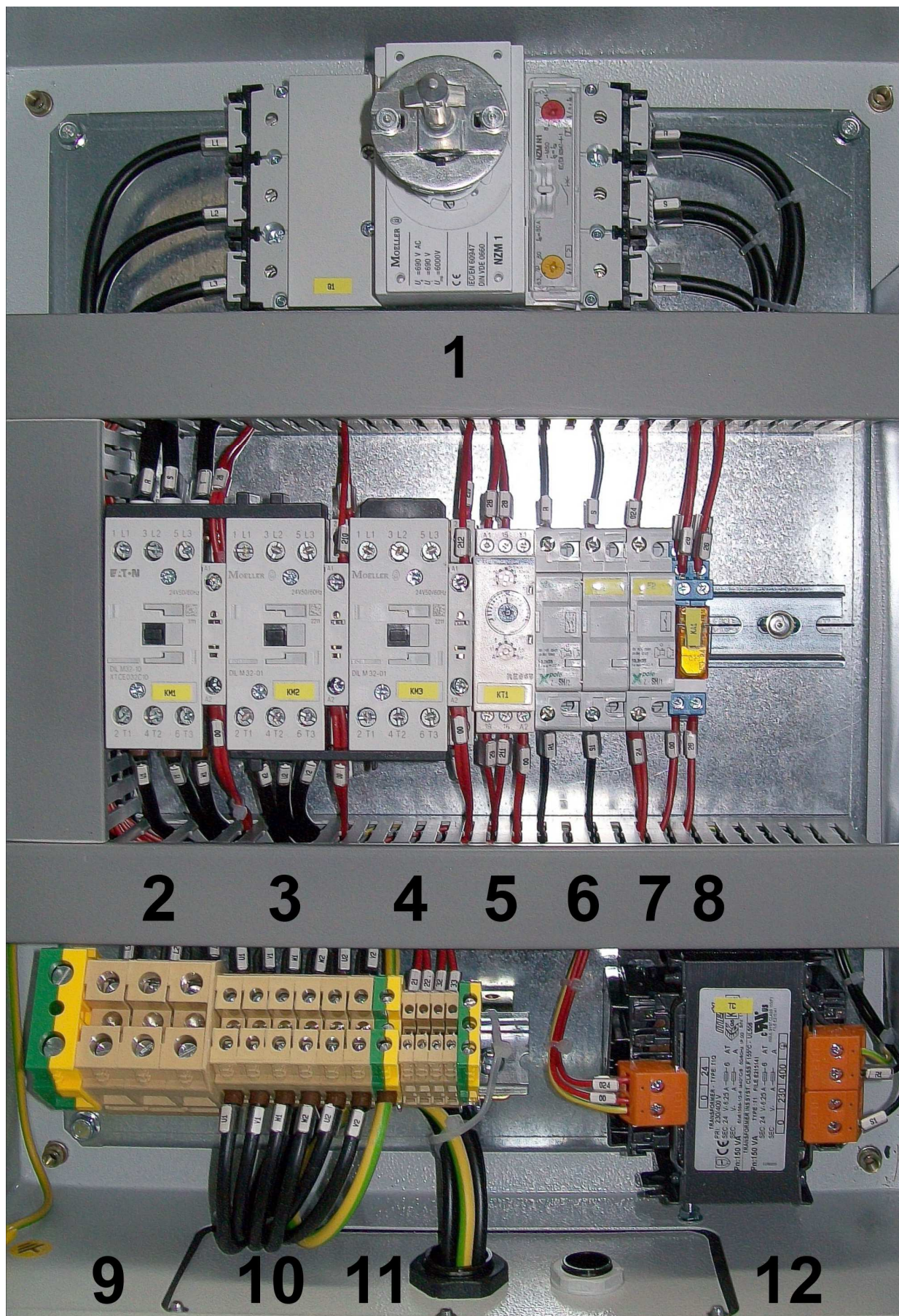


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26. ELECTRIC BOX, INTERNAL LAYOUT, FOR SINGLE MOTOR 30KW 400V



ELECTRIC BOX, INTERNAL LAYOUT, FOR SINGLE MOTOR 30kW 400V(*) - TABLE

Pos	Code	Q.ty	Description
1	08080124 08080102	1 1	GENERAL SWITCH + MOTORPROTECTOR NZMN1-M63 50-63A Shaft extension for main switch L=400mm
2	08190108	1	CONTACTOR DILM32-10, 15KW, WITH 1 NO AUX 24V50/60HZ (KM1)
3	08190109	1	CONTACTOR DILM32-01, 15KW, WITH 1 NC AUX 24V50/60HZ (KM2)
4	08190107	1	CONTACTOR DILM25-01, 11KW, WITH 1 NC AUX 24V50/60HZ (KM3)
5	08180100	1	Timing relay EATON ETR4-11
6	08100101	1	Fuse holder 2 section EATON 2P Z-SH/2 (FU1)
6.1	08100007	2	Unipolar fuse 1A 10x38
7	08100100	1	Fuse holder 1 section EATON 1P Z-SH/1 (FU2)
7.1	08100001	1	Unipolar fuse 4A 10x38
8	08180101	1	Socket for 40 Series Relay
8.1	08180001	1	relay FINDER 40.52. 24 V
9.1	08150115	1	Earth terminal block 50 mm ²
9.2	08150105	3	Terminal block 35 mm ²
10.1	08150103	6	Terminal block 10 mm ²
10.2	08150113	1	Earth terminal block 10 mm ²
11.1	08150100	4	Terminal block 2.5 mm ²
11.2	08150112	1	Earth terminal block 6 mm ²
12	08110102	1	General transformer 100VA 230-400V/24V

(*): this scheme is not completely suitable for 230 V voltage.