



SPARE PARTS MANUAL

AS1150

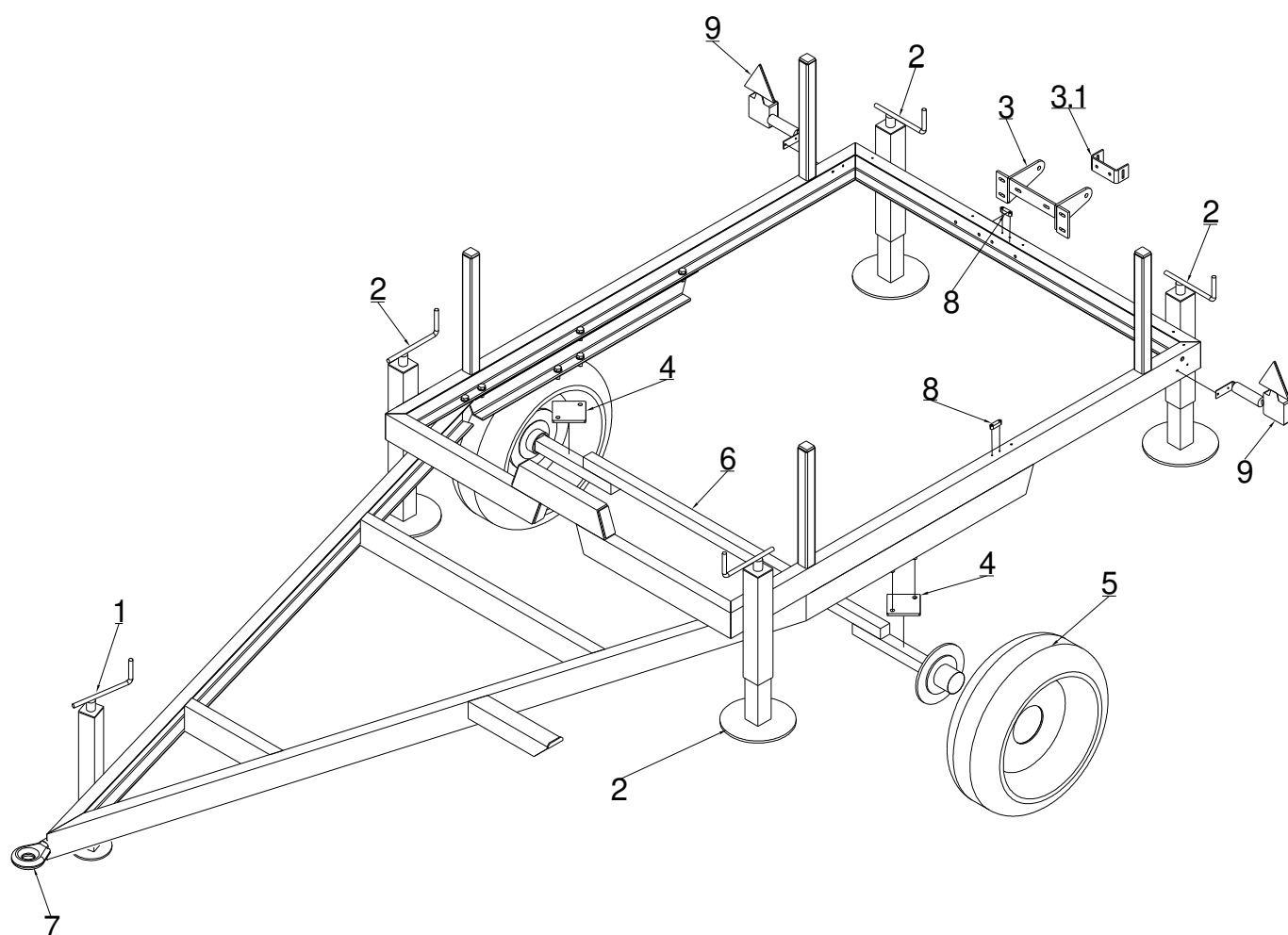
***PTO
and***

PTO + ELECTRIC MOTOR

Updated: 10.2016

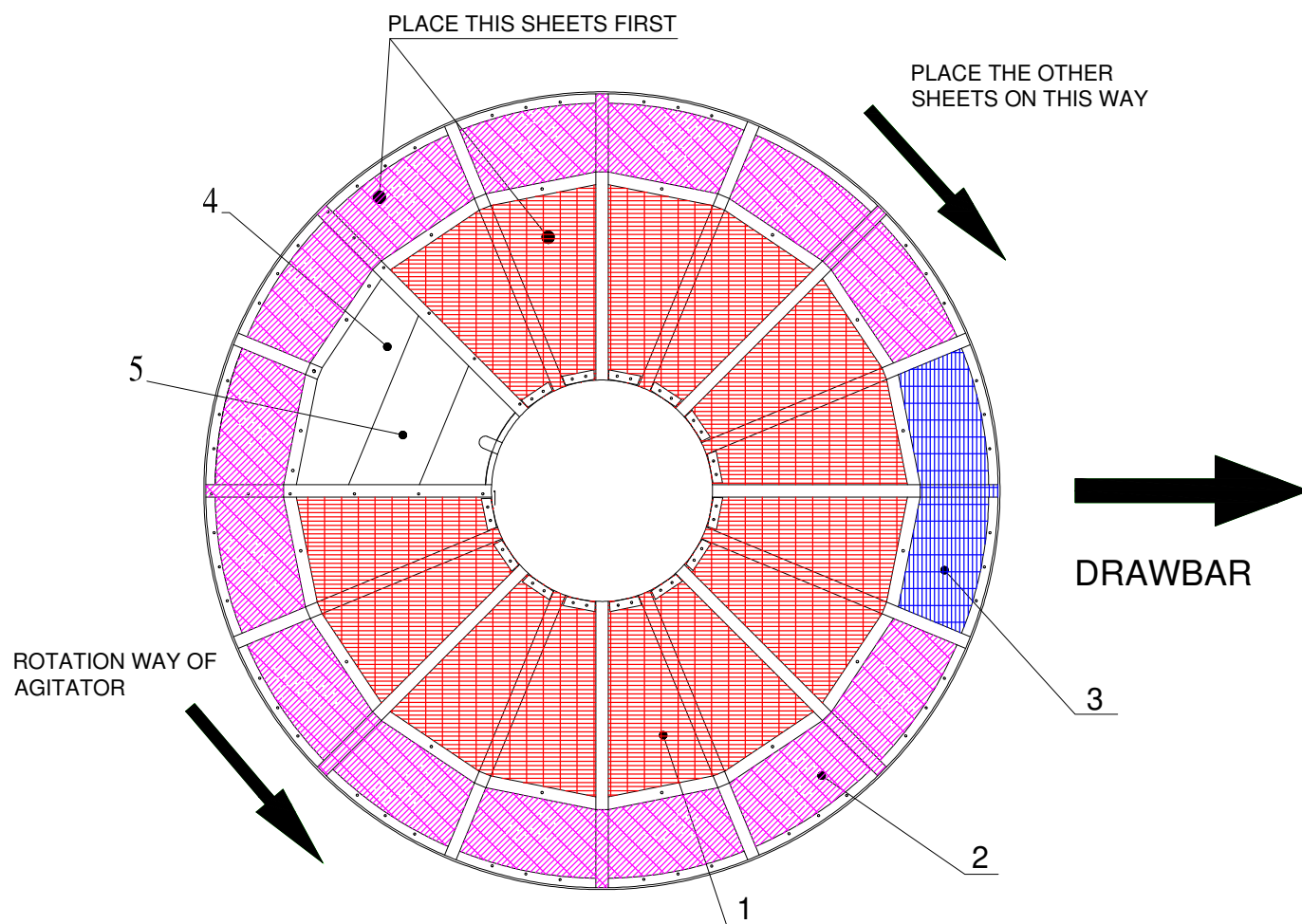
SUMMARY

1.	FRAME	4
2.	METAL SHEETS FOR BOTTOM CONE	5
3.	CYLINDER WITH EXTENSION – VARNISHED PANELS	6
4.	CYLINDER WITH EXTENSION – STAINLESS STEEL PANELS	8
5.	LADDERS	10
6.	PLENUM (diameter 1520mm – from 2015).....	11
7.	LOADING AUGER AND TRANSMISSION	12
8.	SMALL HOPPER OR SIMPLE LOADING AUGER TUBE	14
9.	BIG HOPPER FOR LOADING AUGER	16
10.	FAN UNIT	18
11.	HEAT UNIT	20
12.	AGITATOR AND TRANSMISSION.....	24
13.	CENTRAL AUGER AND TRANSMISSION WITH INTERMEDIATE BEARING	26
14.	INNER CENTRAL TUBE AND CYLINDER ACCESSORIES	28
15.	SWIVEL DISCHARGE – FORWARD TIPPING (since 2015).....	30
16.	DUST EXTRACTION FAN ASSEMBLY LAYOUT	32
17.	VERSION PTO + SINGLE ELECTRIC MOTOR	34
18.	Gearbox COMER T-278A 9.278.224.30	36
19.	RIELLO BUNER PRESS 2G BIO – 46200005.....	38
20.	DIESEL TANK.....	40
21.	PIPING DIAGRAM FOR OIL BURNERS 1G AND 2G	42
22.	ELECTRIC BOX, AS1150 PTO - EXTERNAL LAYOUT	44
23.	ELECTRIC BOX, AS1150 PTO - INTERNAL LAYOUT	46
24.	ELECTRIC BOX FOR SINGLE MOTOR 37 kW 400V AS1150 PTO - EXTERNAL LAYOUT	48
25.	ELECTRIC BOX FOR SINGLE MOTOR 37 kW 400V AS1150 PTO - INTERNAL LAYOUT	50

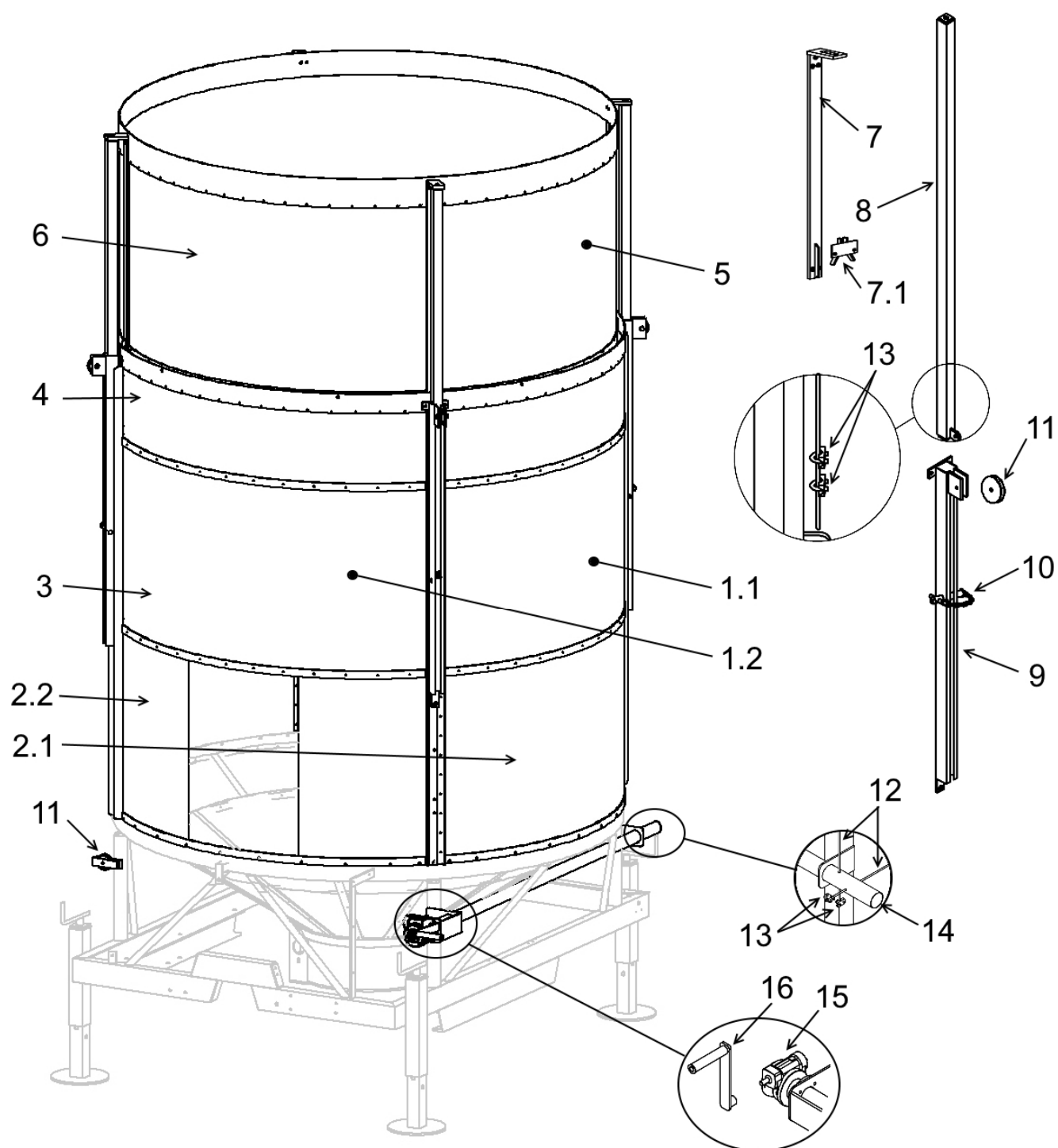
1. FRAME

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)

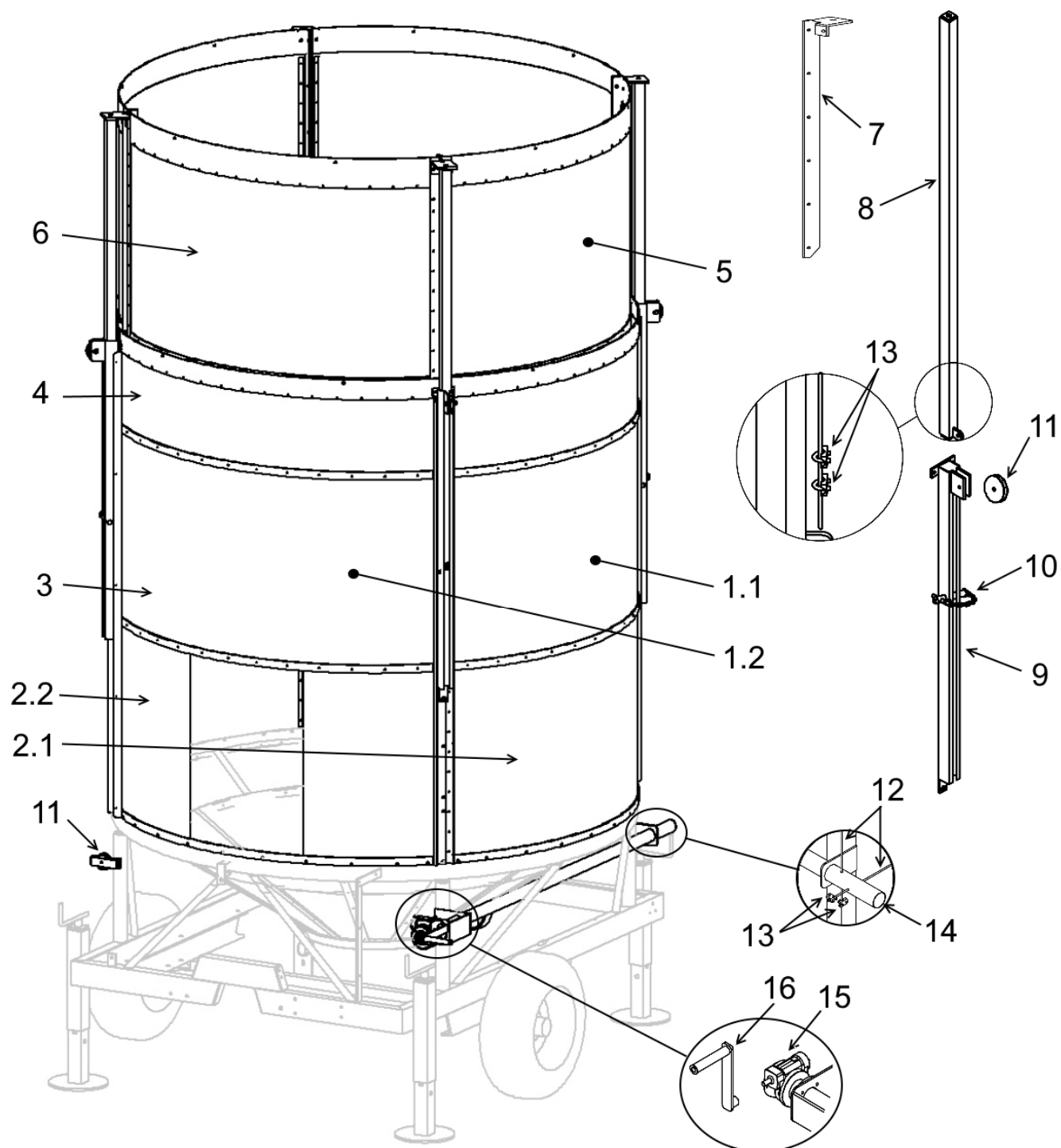
3. CYLINDER WITH EXTENSION – VARNISHED PANELS

CYLINDER WITH EXTENSION – VARNISHED PANELS * – TABLE

Pos.	Code	Q.ty	Description
1.1	60082005	3	Varnished side panel – complete
1.2	60112000	1	Varnished front panel – complete
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	14062106	4	Perforated metal sheet for panel H=1000 L=1980
5	60113015**	1	Cylinder extension – complete
6	14123011	2	Perforated metal sheet for extension H=1250 L=3940
7	60113002	4	Extension guide blade
7.1	60103008	4	Guide for blade
8	60103007	4	Extension guide tube L=2000
9	60113000	4	Slide for extension guide tube
10	38060001	4	Top link pins with chain and pin
11	28000080	6	Pulley
12.1	38050000	2	Steel Rope d=5mm L=5700
12.2	38050000	2	Steel Rope d=5mm L=7550
13	18130001	12	Rope clamp
14	60103014	1	Winding tube complete
15	42500140	1	Reduction gear RI 50 F1 1/40
16	60103012	1	Handle

* This structure until 2015 / 2016.

** This code from 2015. For older versions, see older manuals.

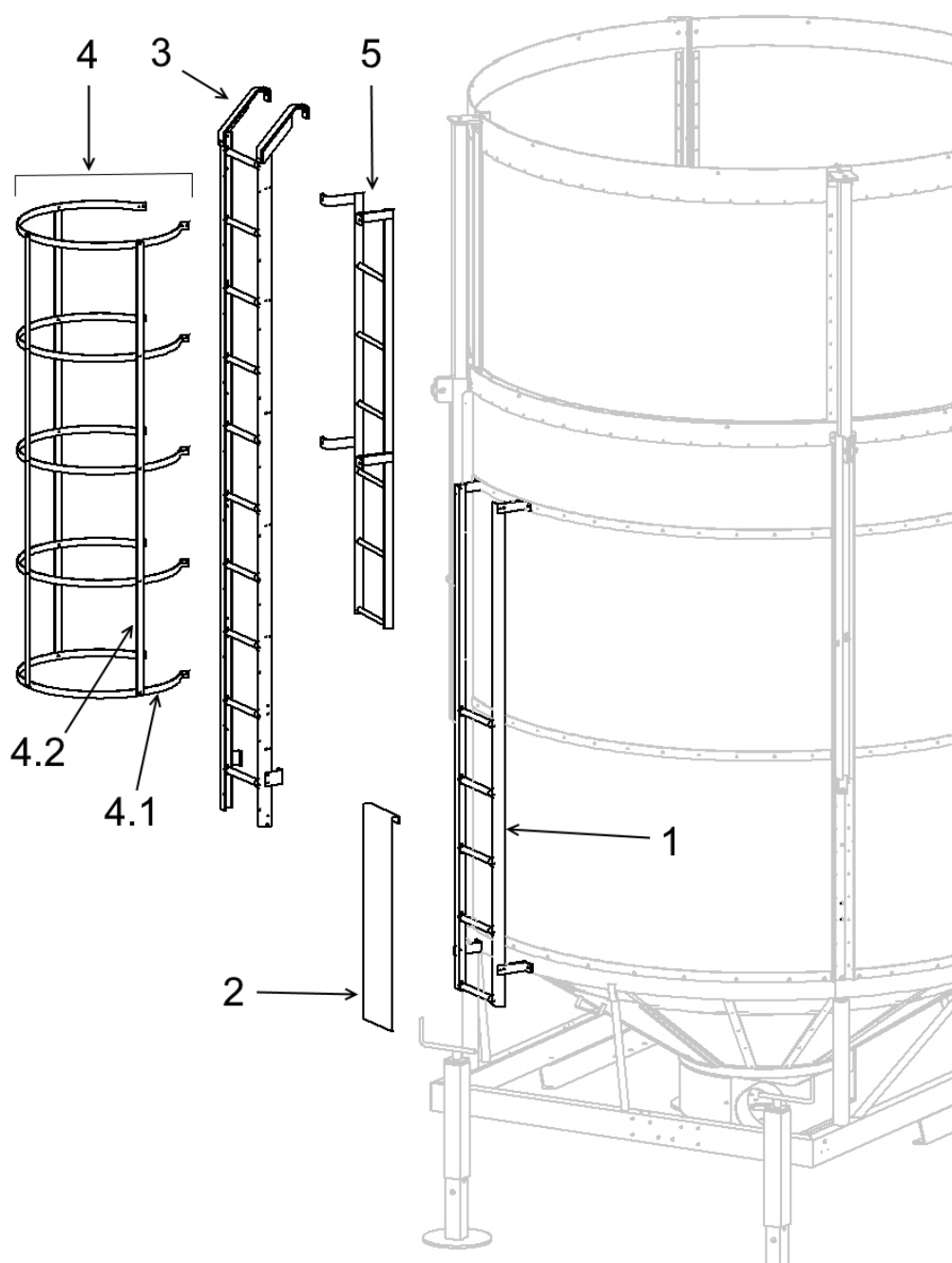
4. CYLINDER WITH EXTENSION – STAINLESS STEEL PANELS

CYLINDER WITH EXTENSION – STAINLESS STEEL PANELS * – TABLE

Pos.	Code	Q.ty	Description
1.1	60082023	3	Stainless steel side panel – complete
1.2	60112020	1	Stainless steel front panel – complete
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	14062106	4	Perforated metal sheet for panel H=1000 L=1980
5	60113051	4	Cylinder extension panel – complete
6	14113001	4	Perforated metal sheet for extension H=1250 L=1912
7	60203011	4	Extension guide blade
8	60103007	4	Extension guide tube L=2000
9	60113030	4	Slide for extension guide tube
10	38060001	4	Top link pins with chain and pin
11	28000080	6	Pulley
12.1	38050000	2	Steel Rope d=5mm L=5700
12.2	38050000	2	Steel Rope d=5mm L=7550
13	18130001	12	Rope clamp
14	60103014	1	Winding tube complete
15	42500140	1	Reduction gear RI 50 F1 1/40
16	60103012	1	Handle

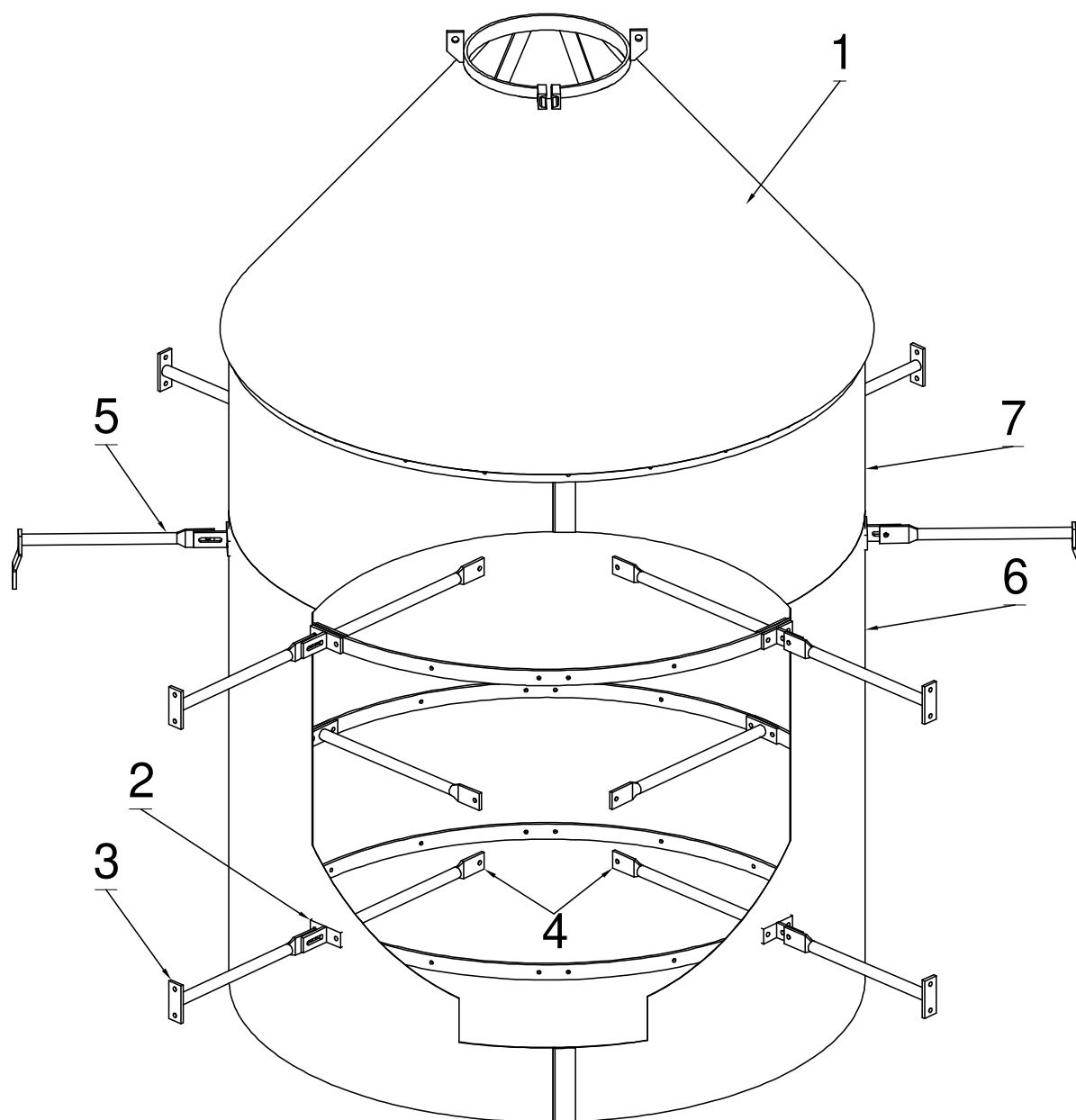
* This structure from 2016 / 2017.

5. LADDERS



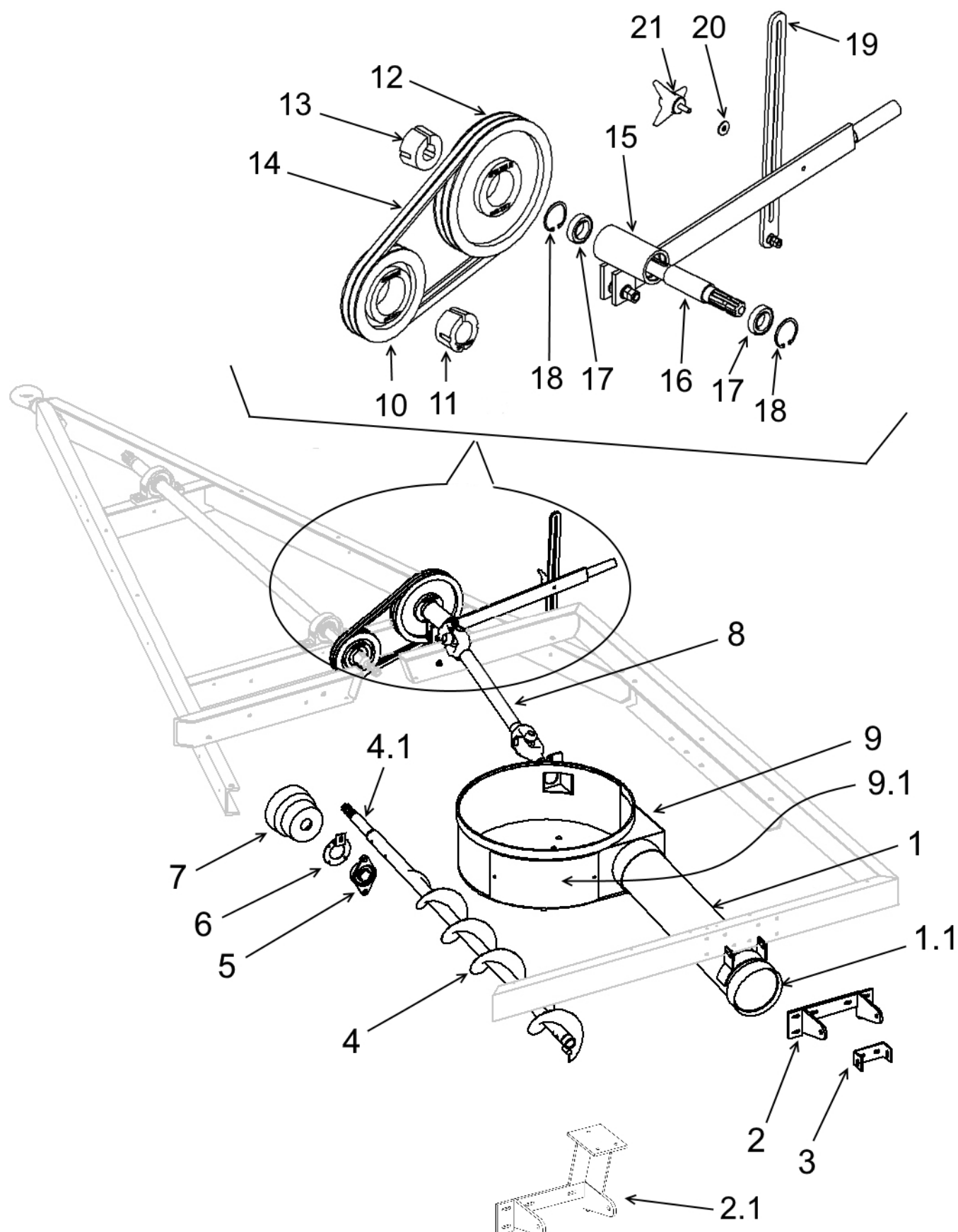
Pos	Code	Q.ty	Description
1	60106250	1	Lower outer ladder
2	13066026	1	Safety protection plate for ladder
3	60116000	1	Upper outer ladder
4	60113101	1	Ladder protection
4.1	13110100	6	Ladder hoops
4.2	13110101	3	Ladder, hoop connecting bars
5	60170043	1	Inner ladder

6. PLENUM (DIAMETER 1520MM – FROM 2015)



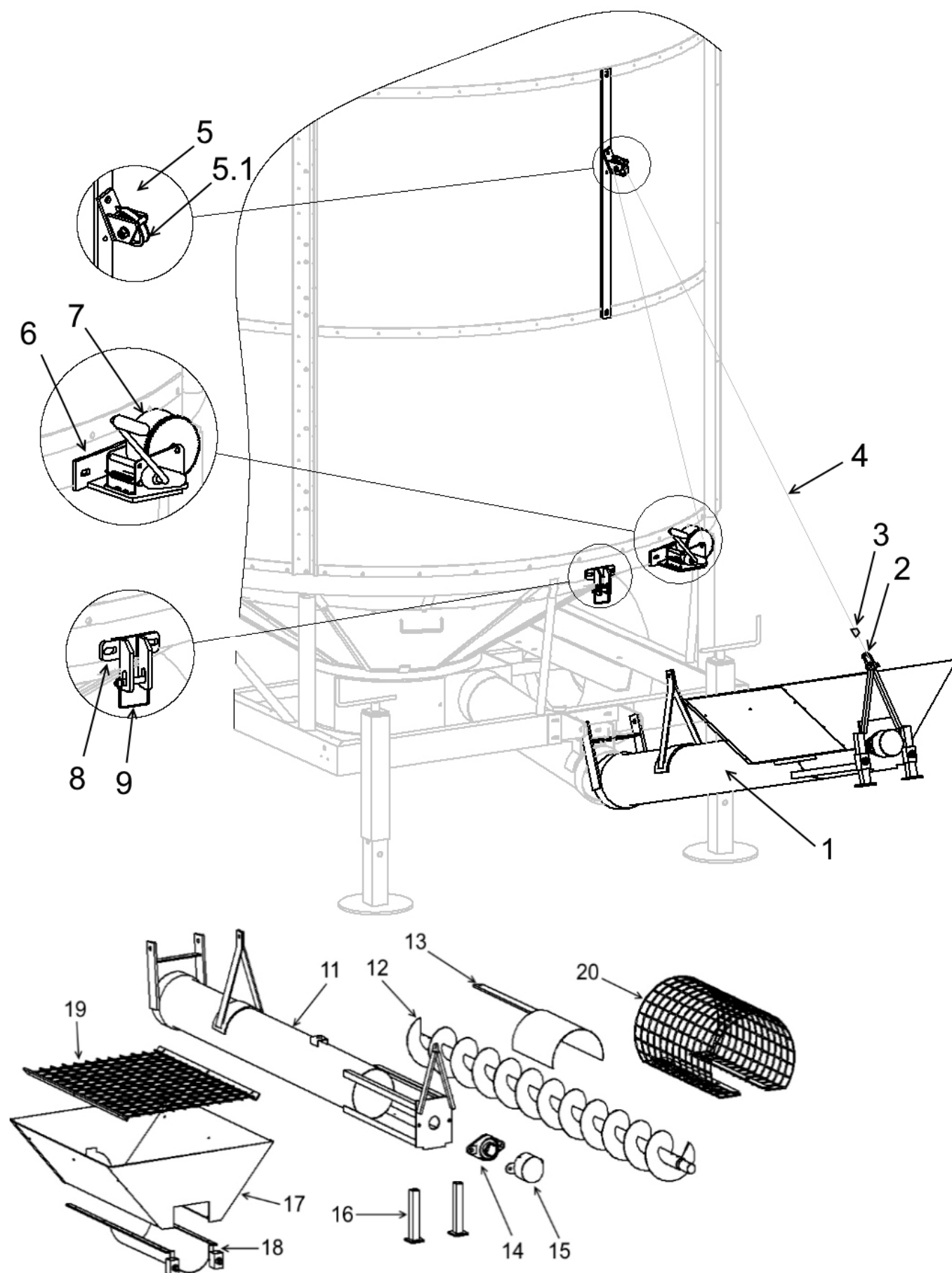
Pos	Code	Q.ty	Description
1	14104120	6	Perforated sheet for plenum cone
2	60064003	11	Support for tie rod
3	60064123	8	External tie rod for plenum
4	60064124	8	Internal tie rod for plenum
5	60114124	3	External added tie rod for plenum
6	14084120	1	Perforated sheet H=1250
7	14064121	1	Perforated sheet H=1000

7. LOADING AUGER AND TRANSMISSION



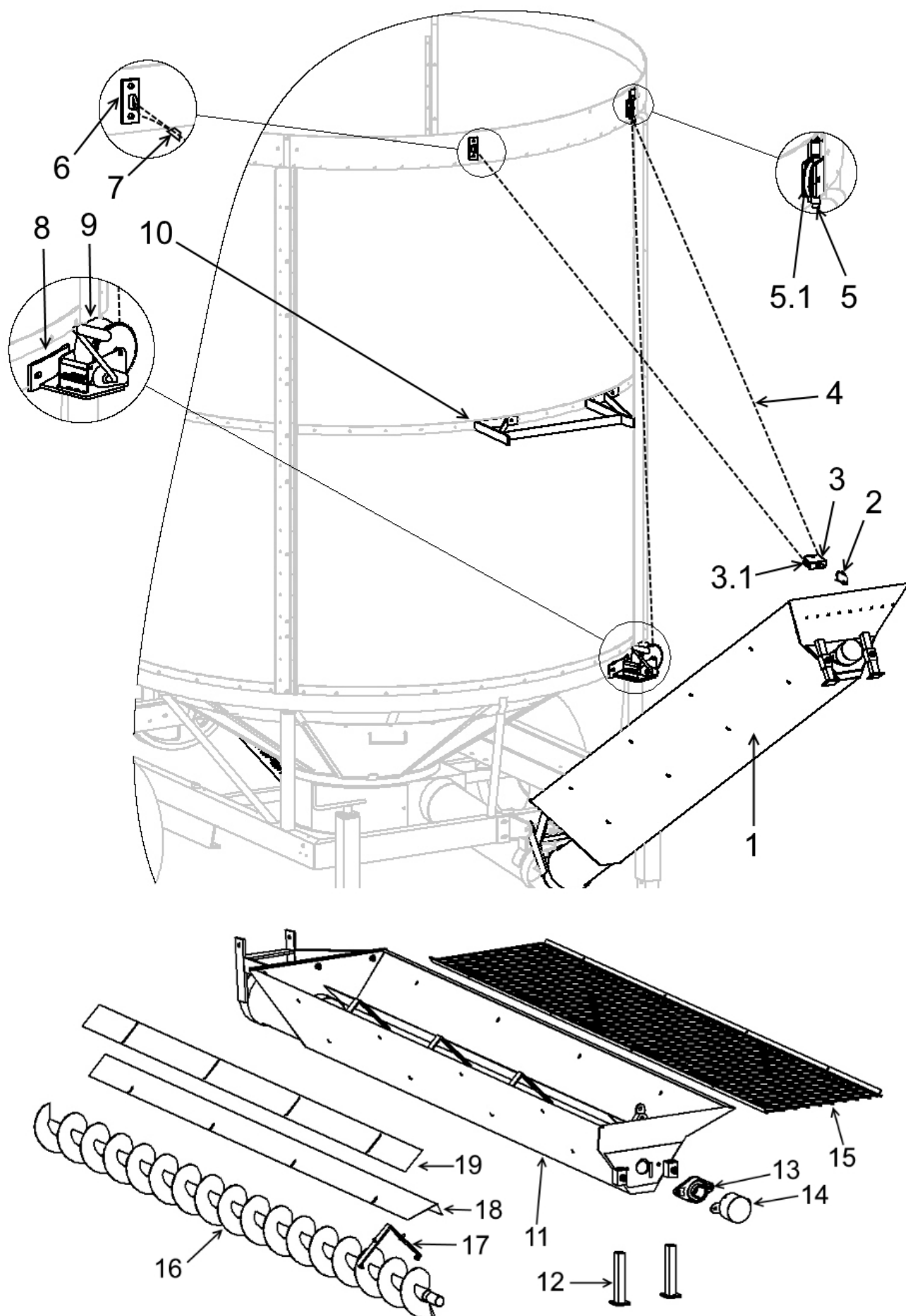
LOADING AUGER AND TRANSMISSION - TABLE

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

8. SMALL HOPPER OR SIMPLE LOADING AUGER TUBE

SMALL HOPPER OR SIMPLE LOADING AUGER TUBE - TABLE

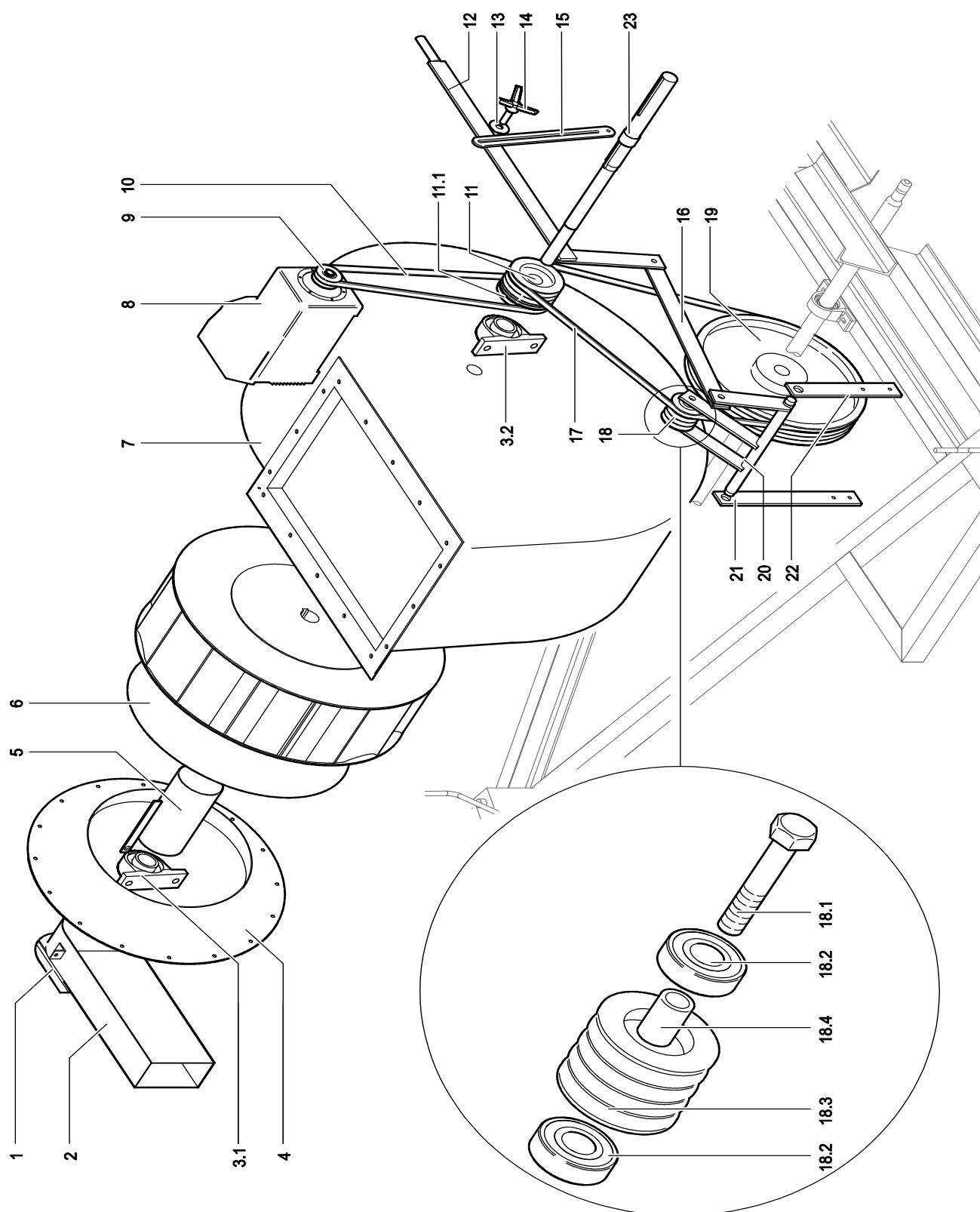
Pos	Code	Q.ty	Description
1	60069203	1	Small loading hopper complete, including tube and auger
2	18410010	1	Shackle support for loading hopper
3	18130001	1	Rope clamp
4	38050000	mt	Steel rope d.5 L=5500
5	60069006	1	Upper support for rope (complete with pulley)
5.1	28000080	1	Pulley D.80
6	60069202	1	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

9. BIG HOPPER FOR LOADING AUGER

BIG HOPPER FOR LOADING AUGER - TABLE

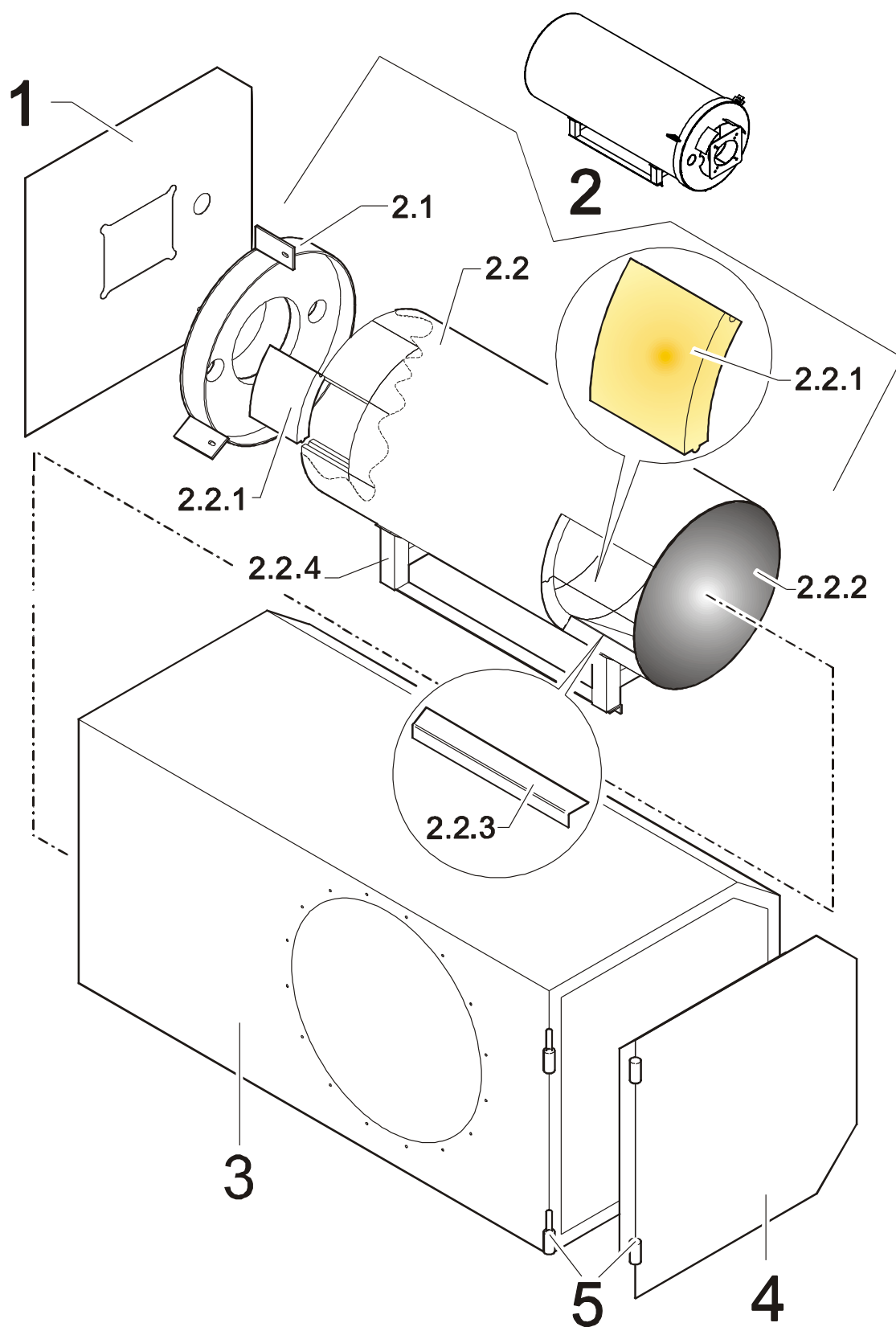
Pos	Code	Q.ty	Description
1	60129201	1	Big loading hopper complete, including auger
2	38000010	1	Hook
3	60129226	1	Pulley support for loading hopper
3.1	28000080	1	Pulley D.80
4	38050000	mt	Rope, d=5mm L=13500
5	60129228	1	Pulley support, pivoting
5.1	28000080	1	Pulley D.80
6	60129229	1	Rope connection
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

10. 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>	Driven pulley for gen. 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
11.1	28020190 or 28020180 <i>+ 28512012</i>	1 <i>+1</i>	Drive pulley for gen. SPA-190-2 or SPA-180-2 See data sheet of the dryer <i>+ Taper bush 2012 d.50</i>
11	28140160 or 28140150 <i>+ 28522517</i>	1 <i>+1</i>	Driven pulley for fan SPB-160-4 or SPB-150-4 See data sheet of the dryer <i>+ Taper bush 2517 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	26020107	4	Belt B 107
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	28140560 <i>+ 28513535</i>	1 <i>+1</i>	Pulley SPB-560-4 <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

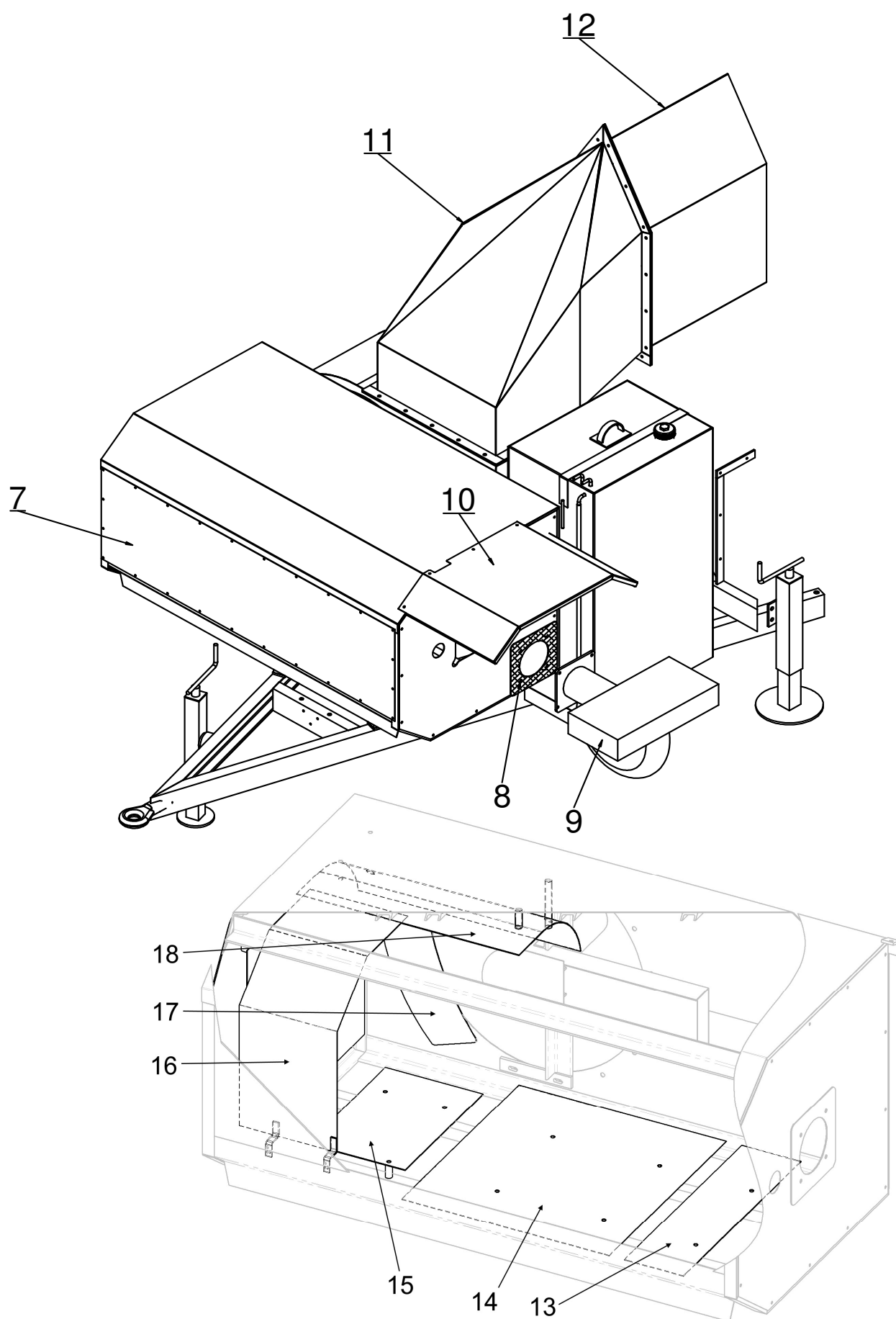
11. HEAT UNIT

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.

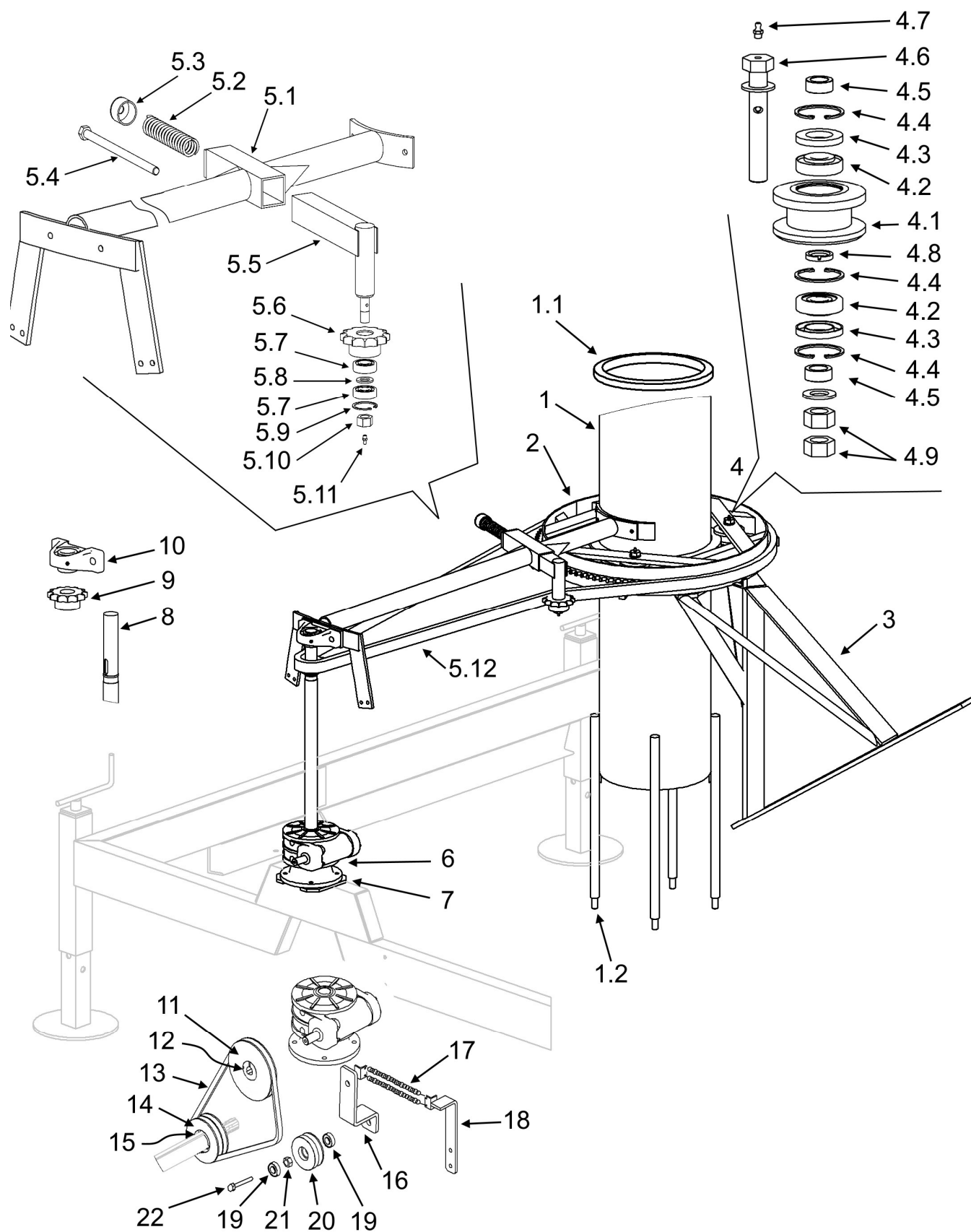
(to be continued)

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

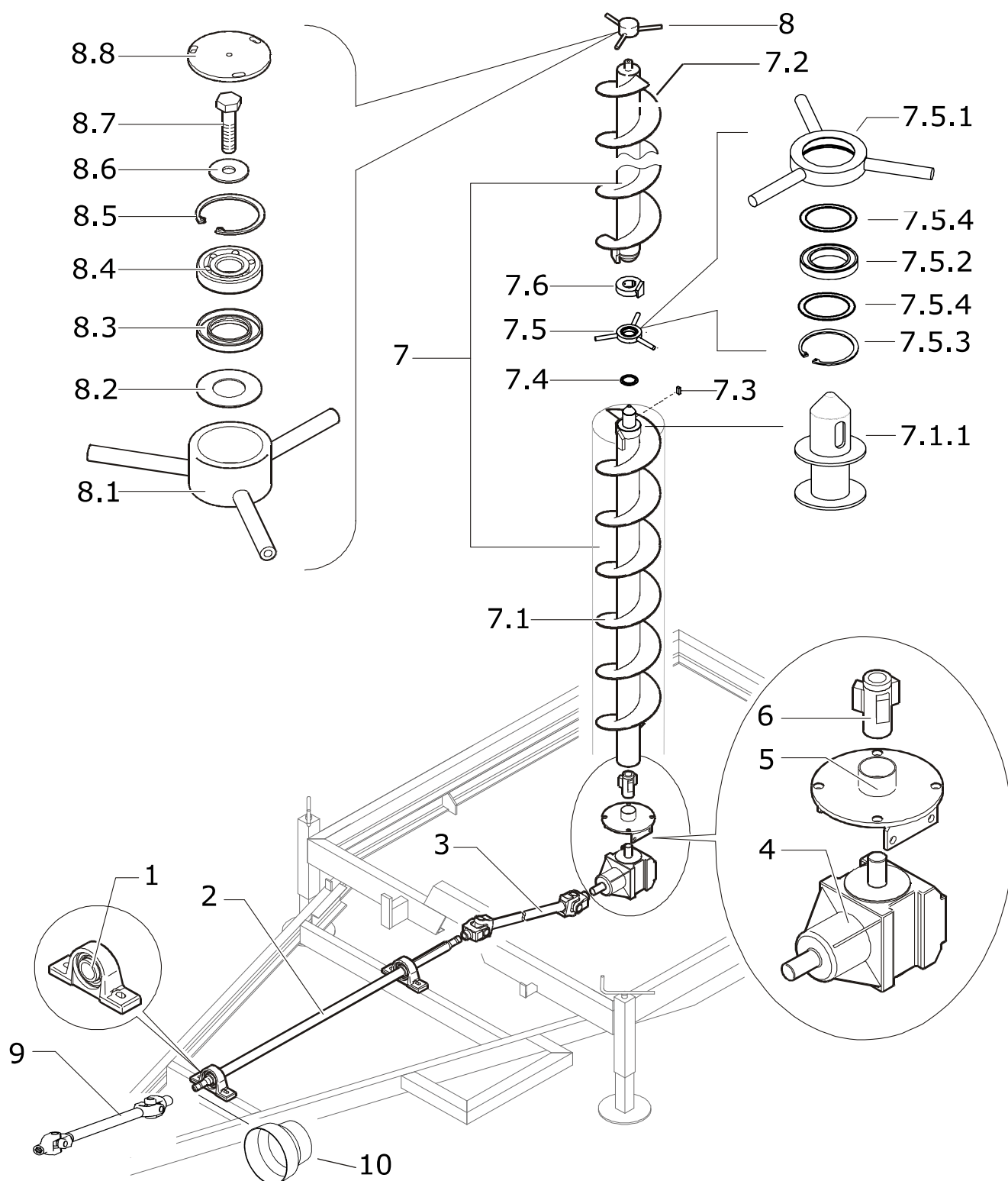
12. AGITATOR AND TRANSMISSION



AGITATOR AND TRANSMISSION - TABLE

Pos	Code	Q.ty	Description
1	60115201	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
16	52068001	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

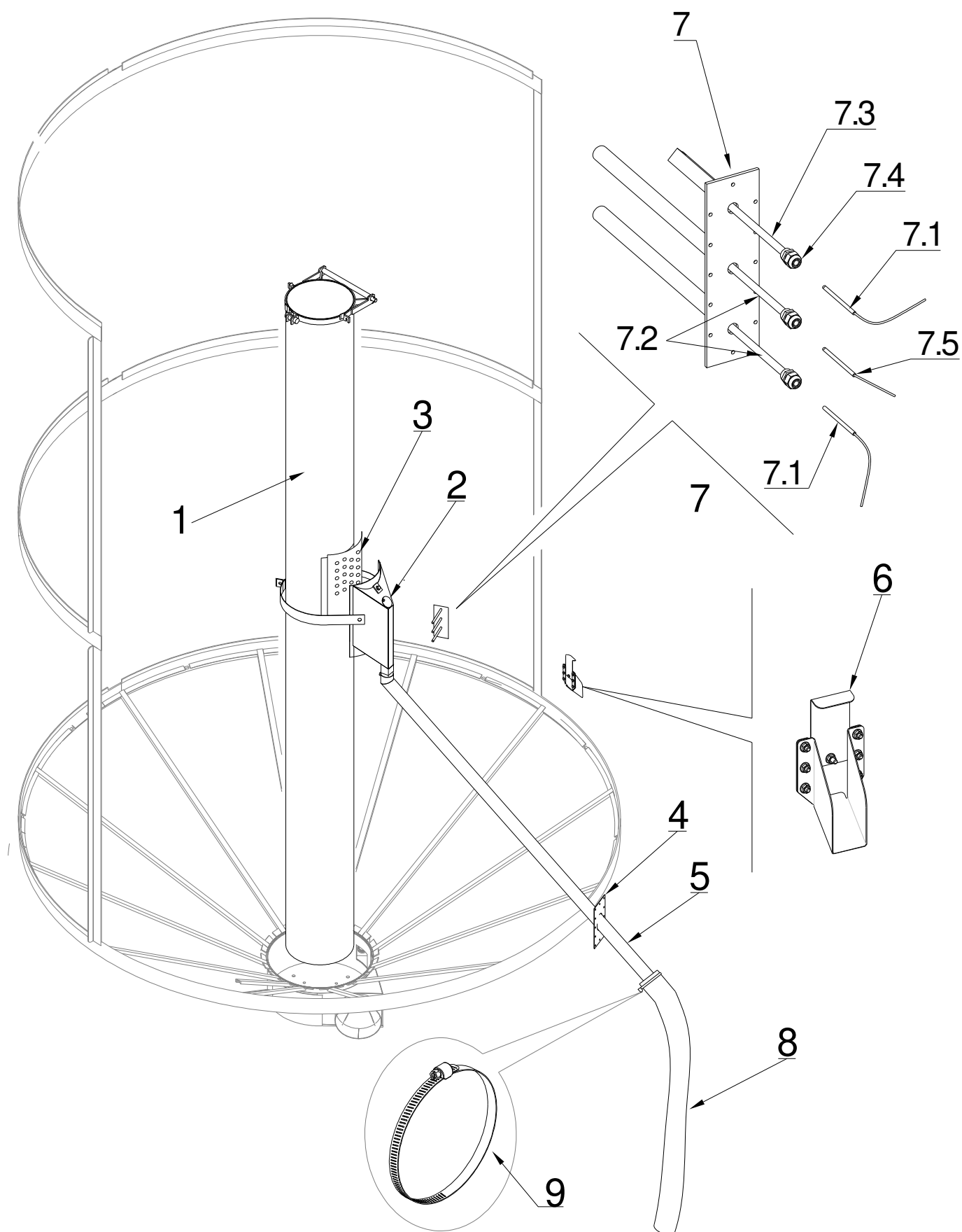
13. CENTRAL AUGER AND TRANSMISSION WITH INTERMEDIATE BEARING



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*	60115321/ 60115322	1	Complete central auger (lower + upper + intermediate bearing)
7.1*	60115351	1	Central auger lower section with interm. bearing
7.2*	60115381	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/ 54065010	1	Spacer main auger
7.5*	60065019/ 60065028	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

* : Parts valid until 2016.

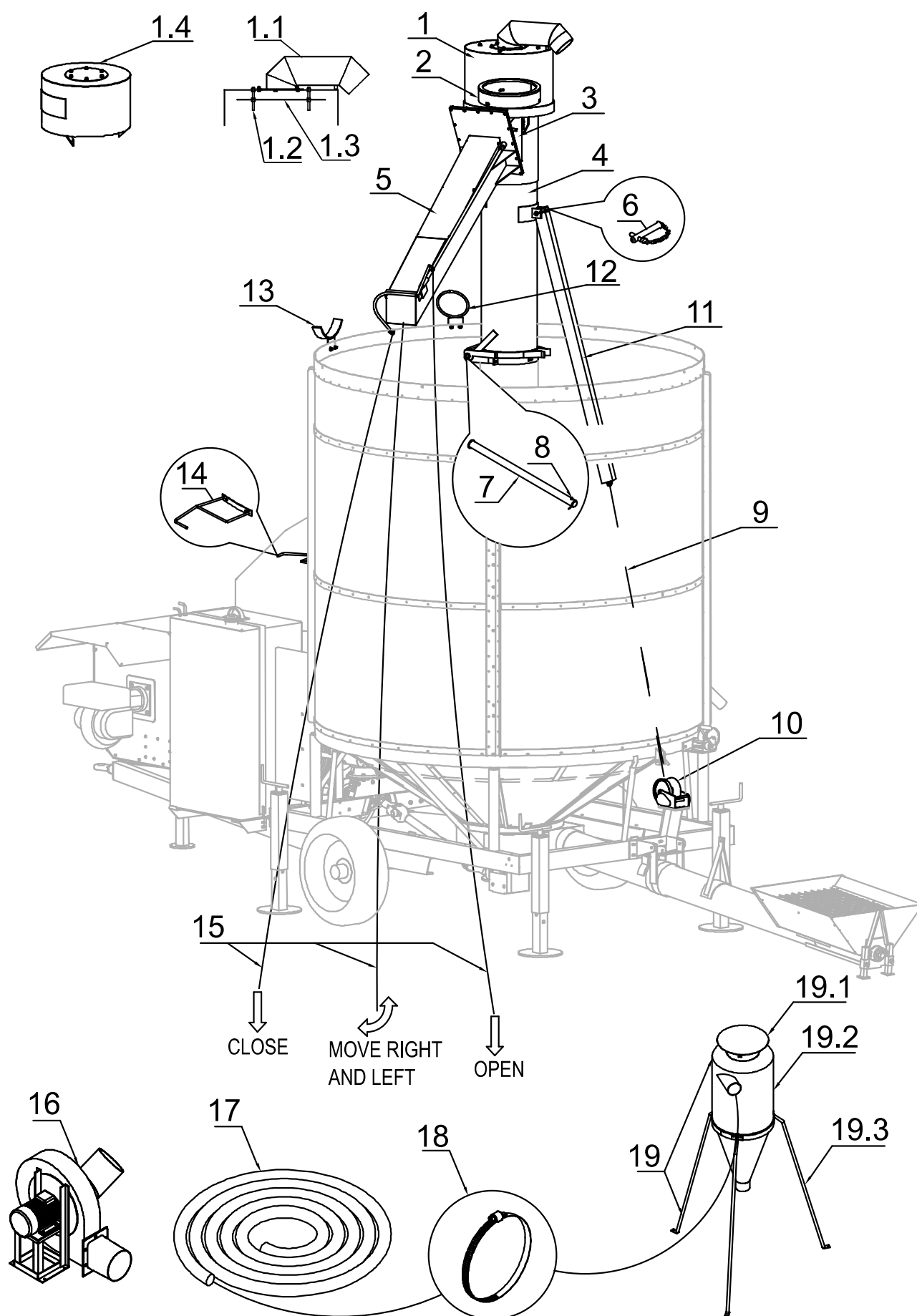
14. INNER CENTRAL TUBE AND CYLINDER ACCESSORIES

INNER CENTRAL TUBE AND CYLINDER ACCESSORIES - TABLE

Pos.	Code	Q.ty	Description
1	60115221	1	Inner central tube d.368 L=3600 LOWER PART for SWIVEL discharge version – forward tipping
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

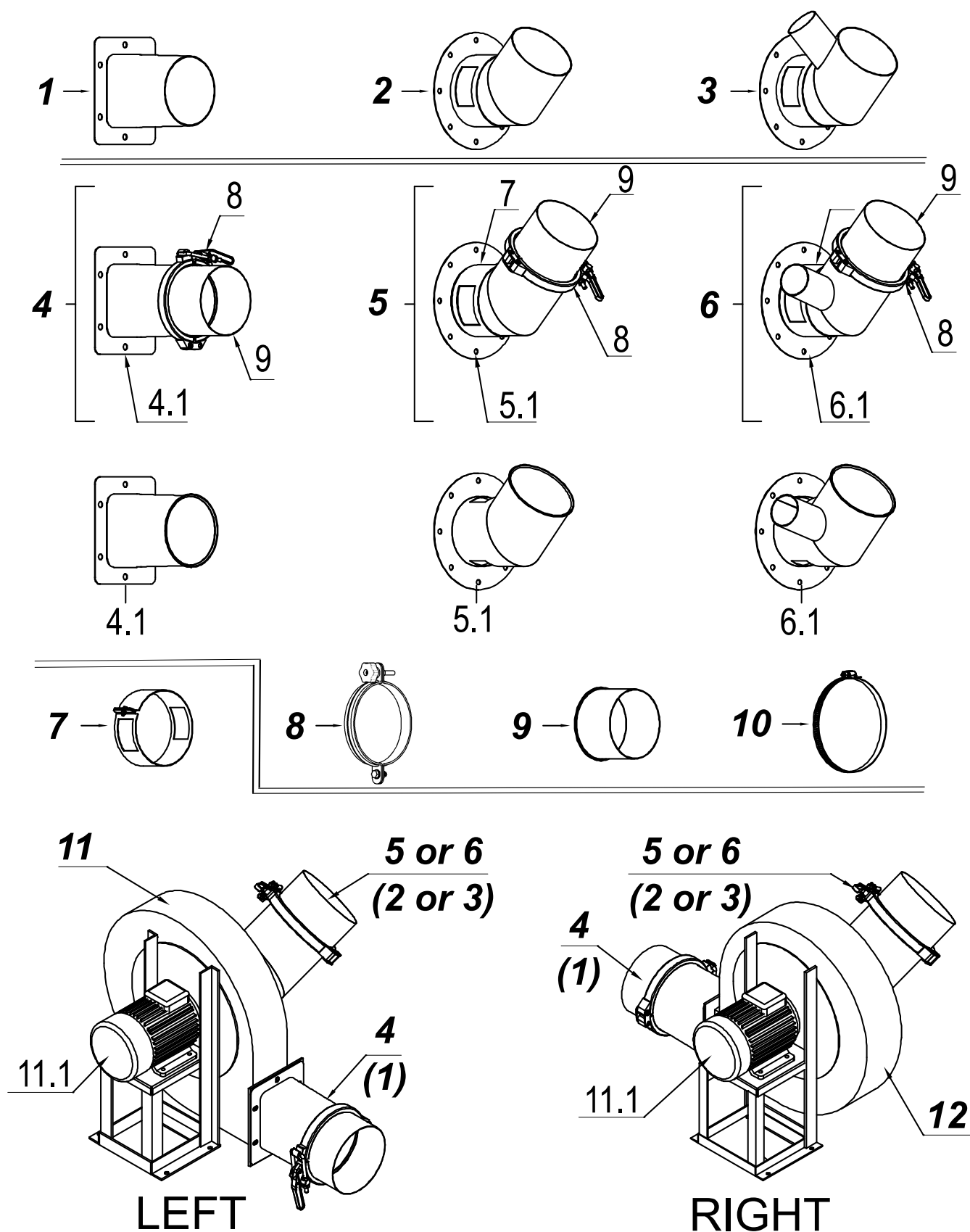
15. SWIVEL DISCHARGE – FORWARD TIPPING (SINCE 2015)



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	60115230	1	Central tube upper section L=2500 – 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=4100, close L=4700, move L=6000
16	-	1	Fan – see next table
17	07012150 or 07100150	10 mt	Ø150mm flexi hose SUPERFLEX L=10 mt or Ø150mm flexi hose PVC L=10 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

16. DUST EXTRACTION FAN ASSEMBLY LAYOUT



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

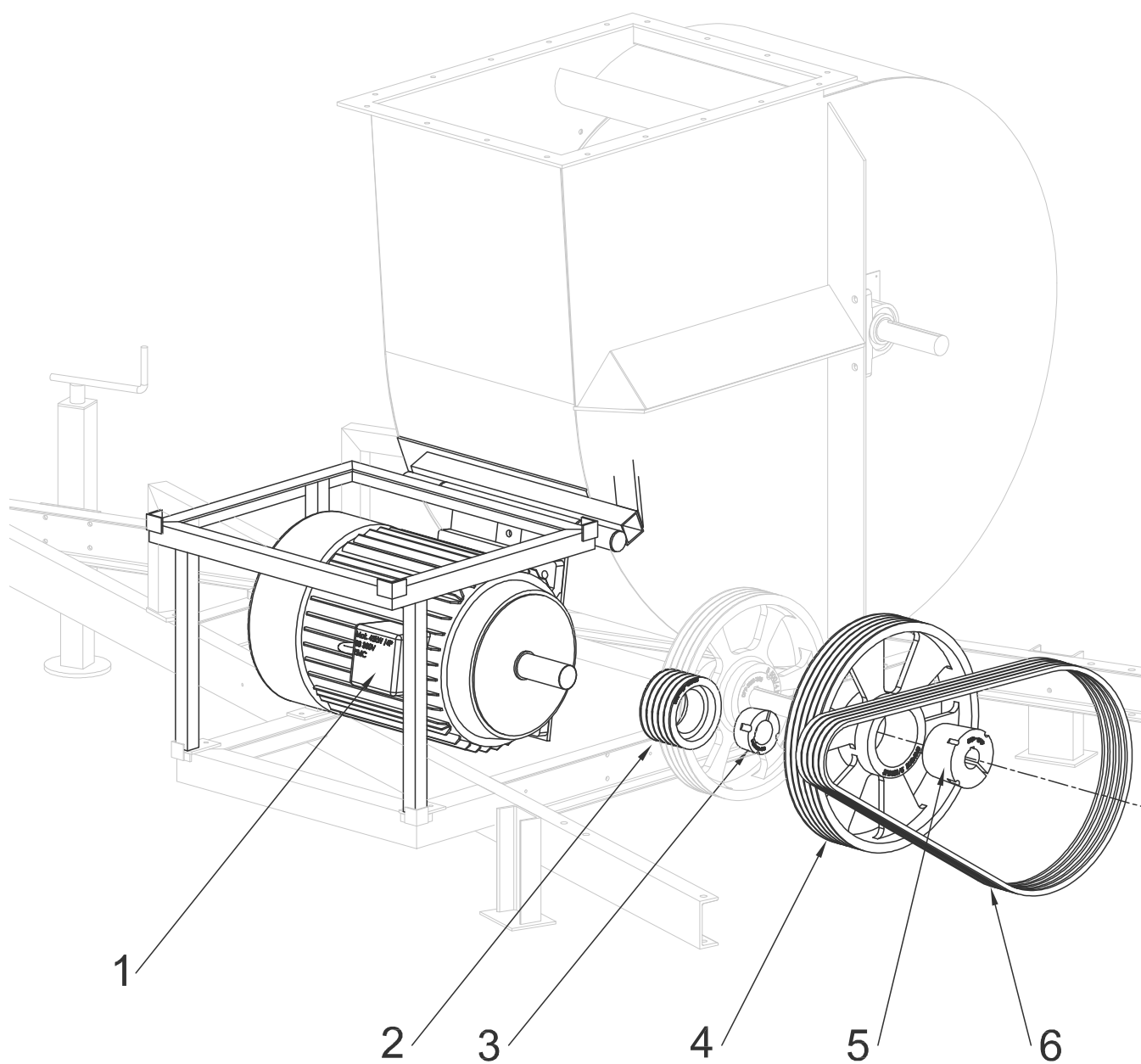
Pos	Code	Q.ty	Description
1	60066006	1	Outlet flange for direct hose connection Ø150 mm
2	60066060	1	Inlet flange for direct hose connection with air suction valve Ø150 mm
3	60066061	1	Inlet flange for direct hose connection with air suction valve and cleaner pipe connection Ø150 mm

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

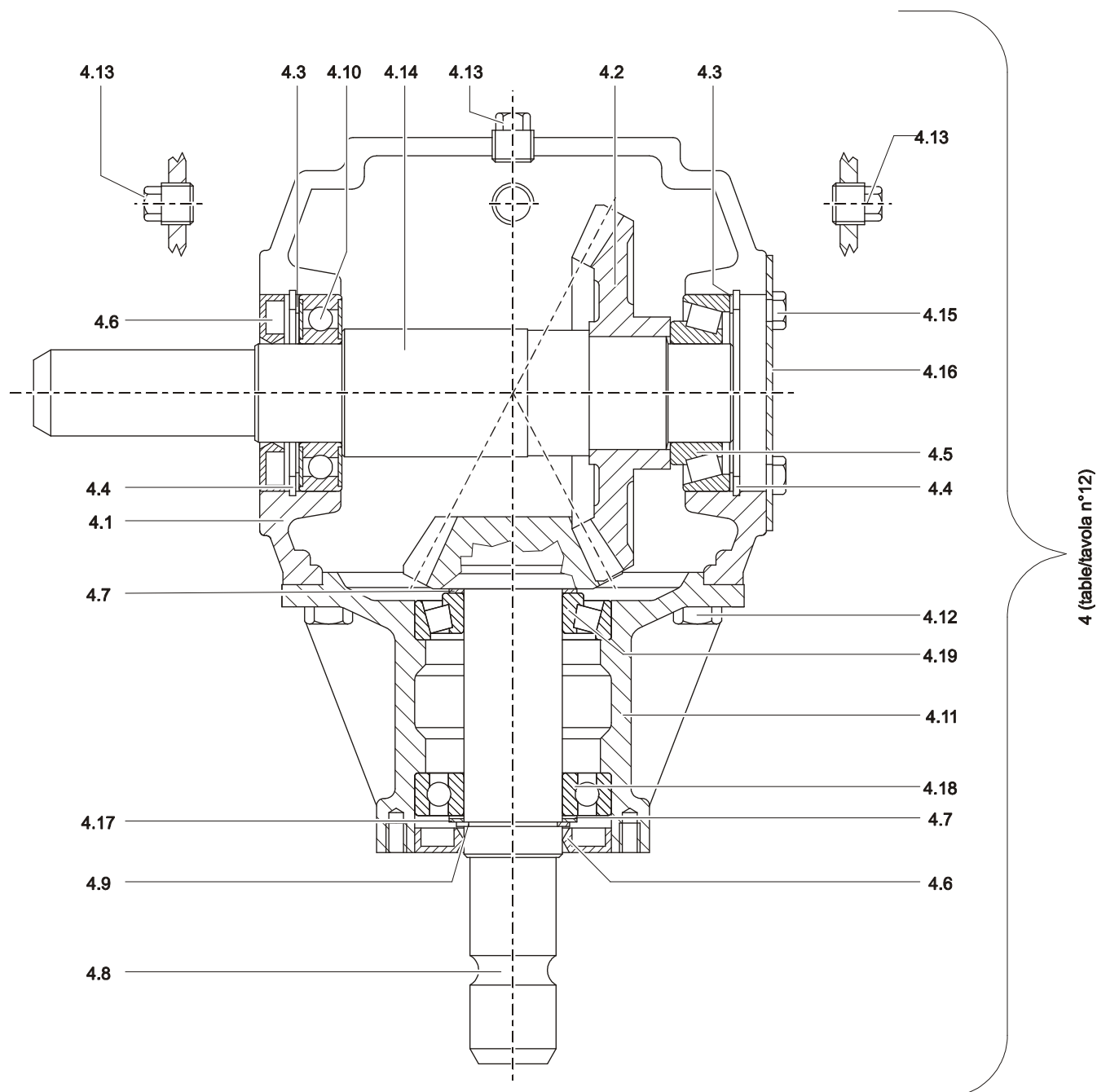
COMMON COMPONENTS - TABLE

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)

17. VERSION PTO + SINGLE ELECTRIC MOTOR

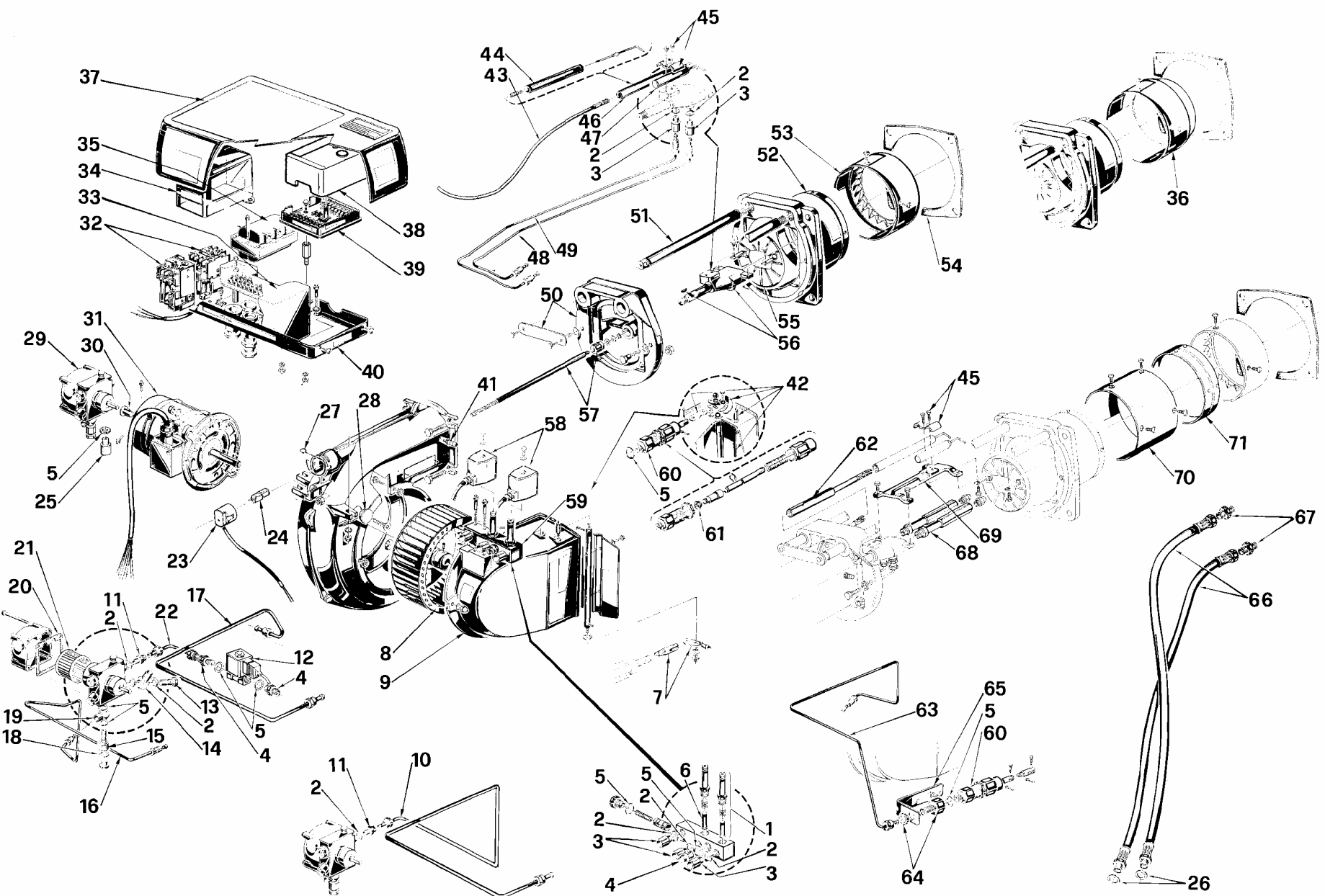
VERSION PTO + SINGLE ELECTRIC MOTOR - TABLE

Pos	Code	Q.ty	Description
1	43040018	1	Motor 37kW 400V 4 poles
2	28140170	1	Pulley SPB-170-4
3	28572517	1	Taper bush 2517 d.60
4	28140560	1	Pulley SPB-560-4
5	28513535	1	Taper bush 3535 d.50
6	26032580	4	Belt SPB 2580

18. 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

19. 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	

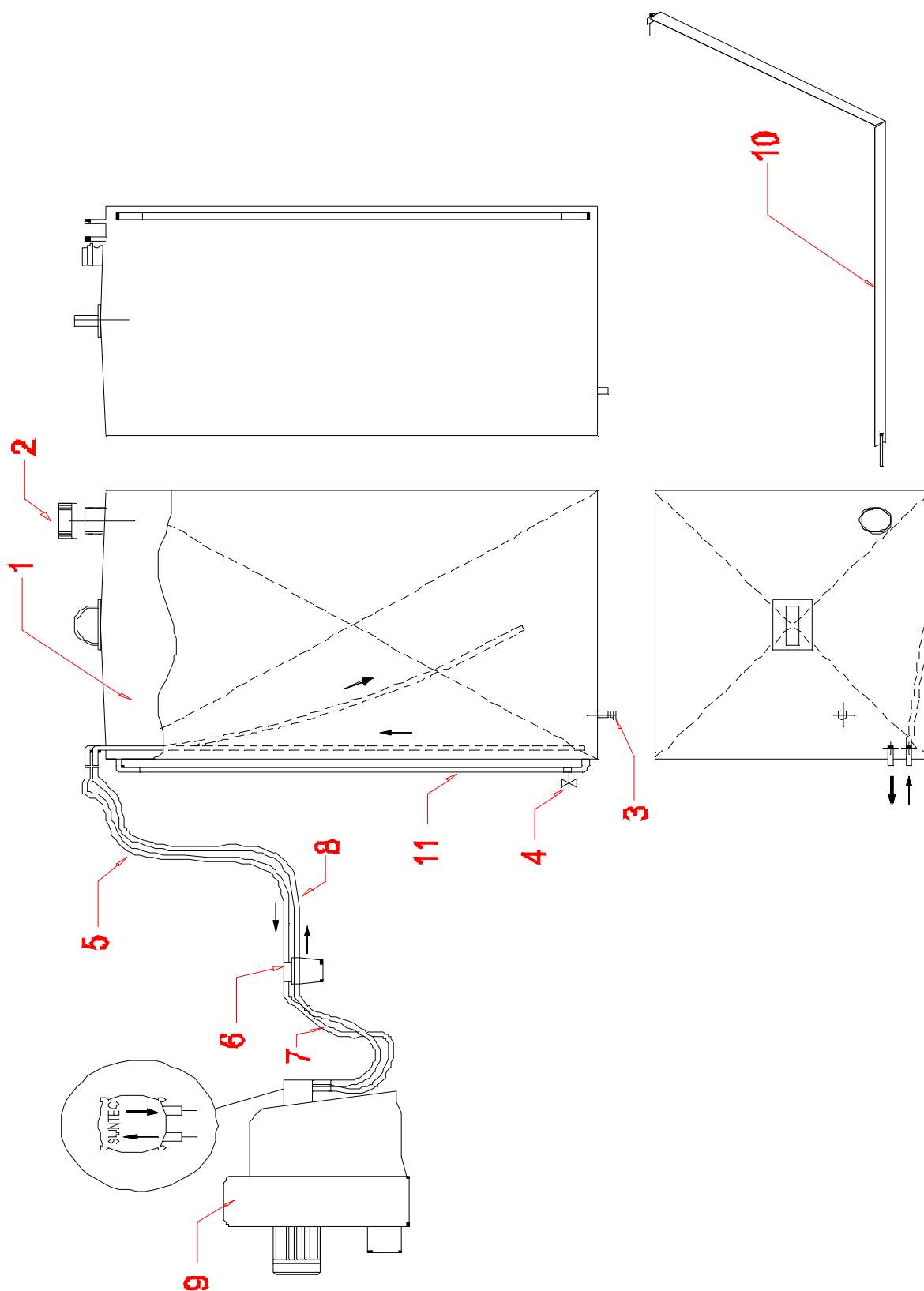
*Versione Testa Lunga - Long Combustion Head Version

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

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

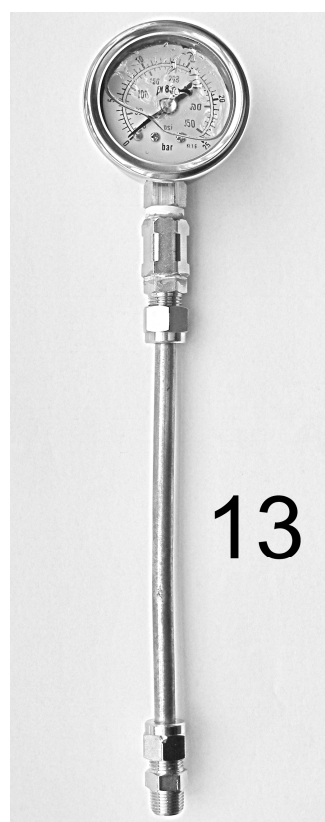
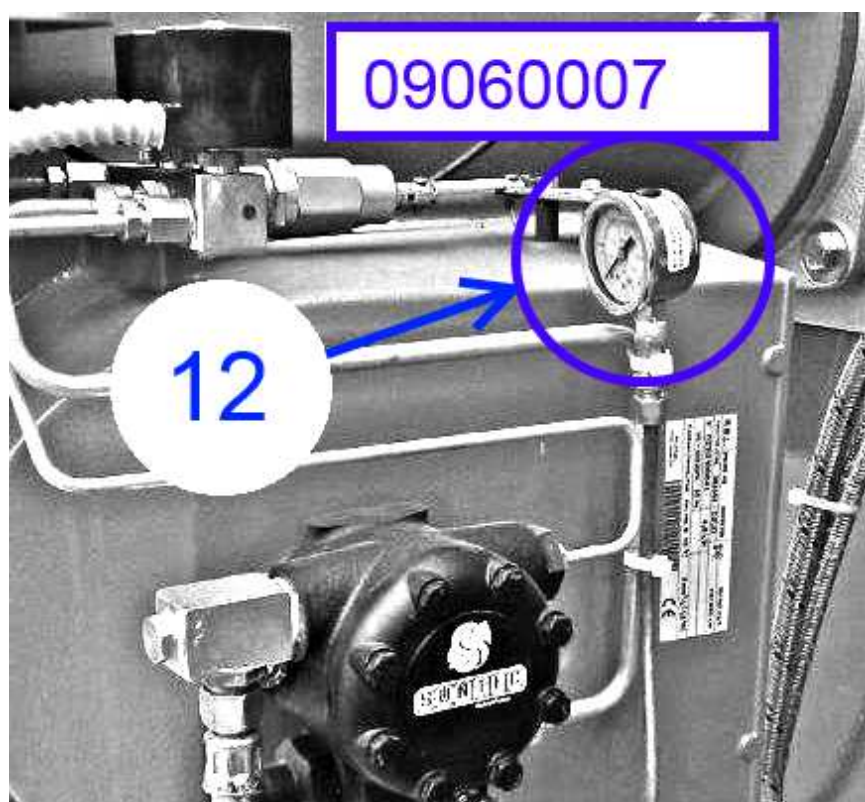
A+B+C = Ricambi per dotazione estesa di sicurezza - Spare parts for extended safety fittings

20. DIESEL TANK



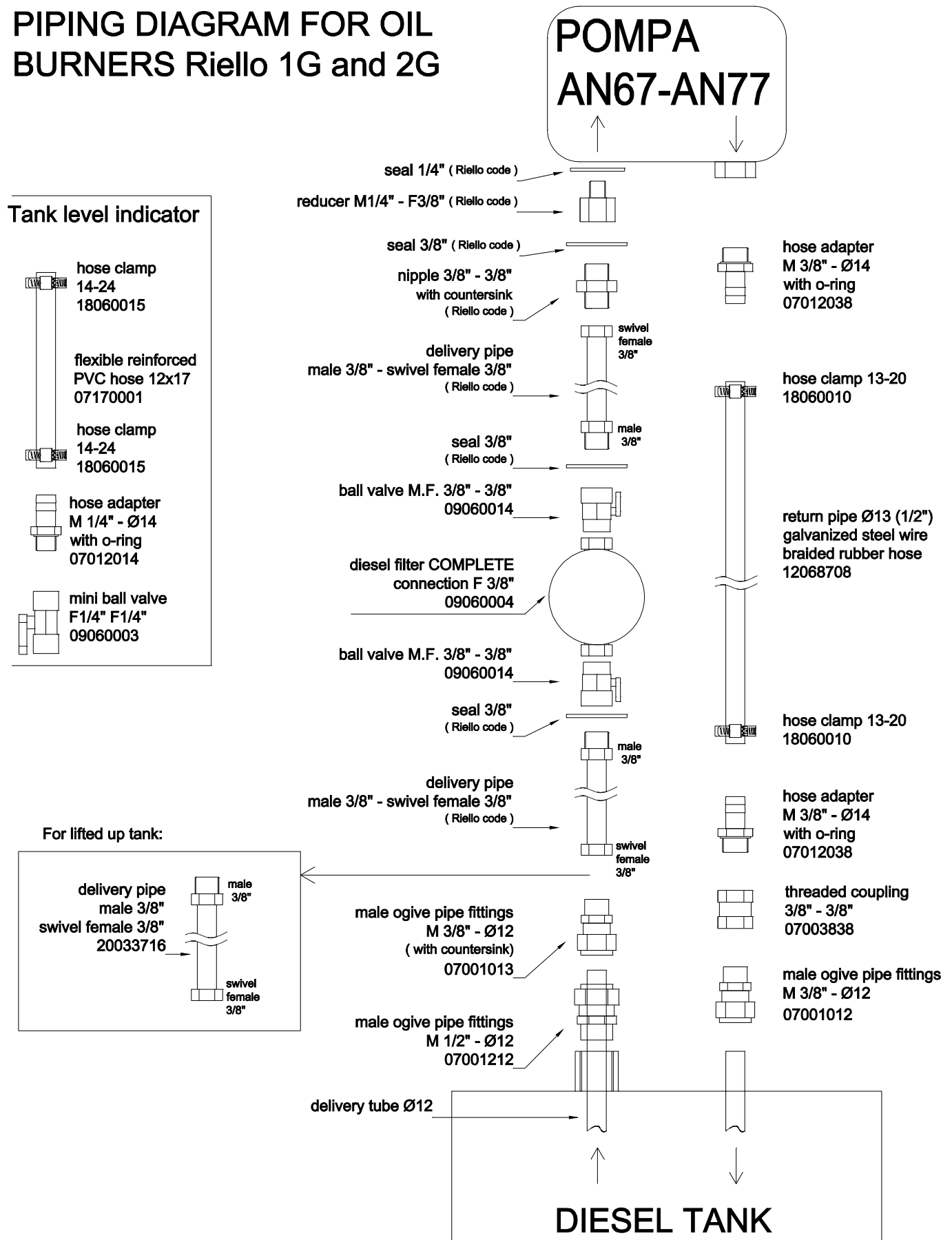
DIESEL TANK

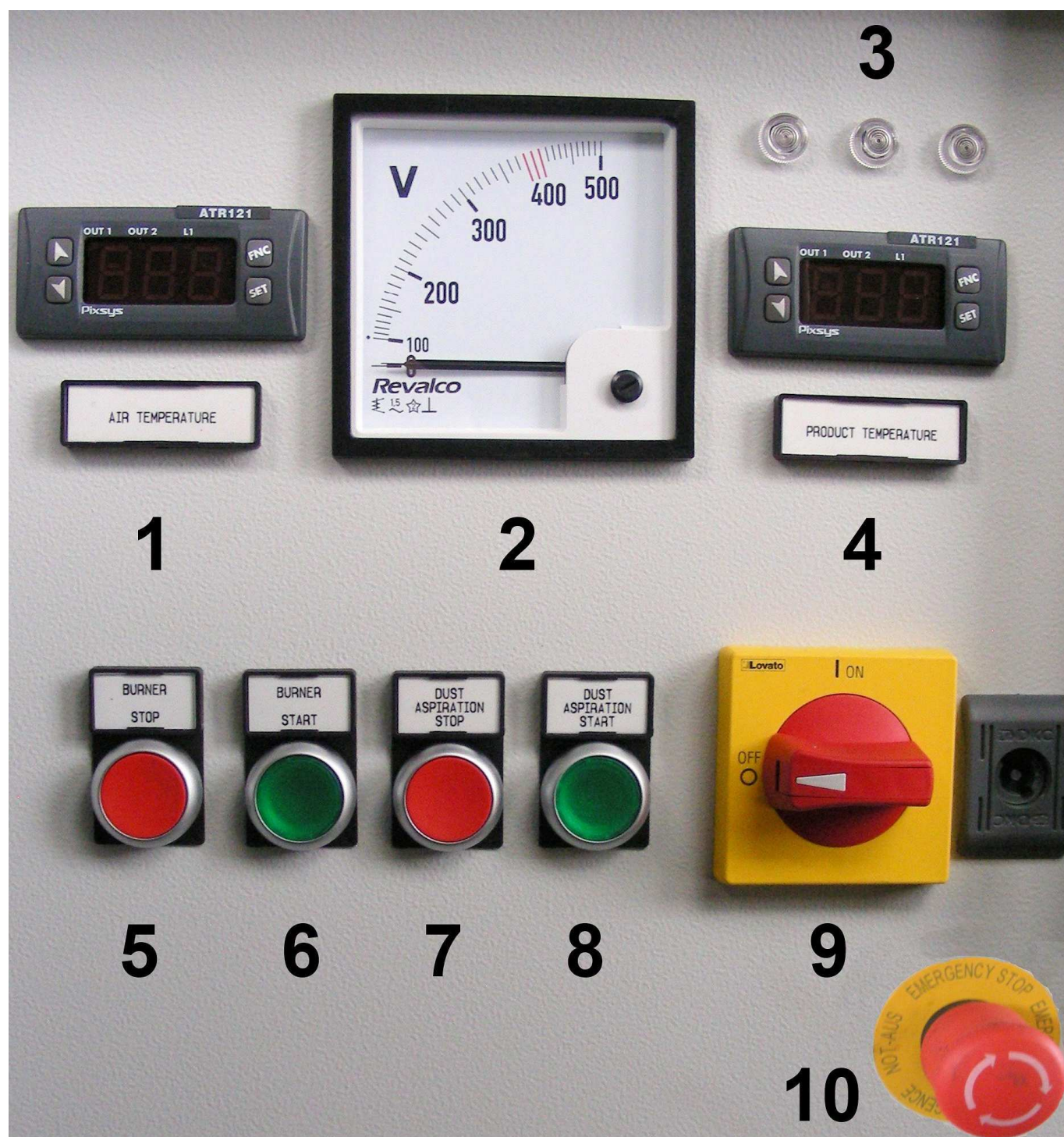
Pos	Code	Q.ty	Description
1	60068600	1	Fuel tank, complete
2	09060001	1	Tank plug
3	09060002	1	Discharge plug
4	09060003	1	Valve
5	12068706	1	Outward pipe (1° section)
6	09060004	1	Diesel filter complete - connection 3/8"
6.1	09060009	1	Pleated stainless steel filtering element
7	12068707	1	Outward pipe (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



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

PIPING DIAGRAM FOR OIL BURNERS Riello 1G and 2G



22. ELECTRIC BOX, AS1150 PTO - EXTERNAL LAYOUT

ELECTRIC BOX, AS 1150 PTO - 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		Power supply light
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 (wda)	Dust aspiration stop - button
8	08040103	1 (wda)	Dust aspiration start – illuminated button
9	08080106	1	red/yellow selector handle Lovato
10	08070100	1	Stop emergency button
20	08060102	2 (3 wda)	Contact blocks NO- Single - M22-K10
21	08060101	2 (4 wda)	Contact blocks NC- Single - M22-K01
22	08060110	3 (5 wda)	Mounting Adapter - M22-A
23	08060111	1 (2 wda)	Light blocks- GREEN -terminal connections 24V

Legenda. wda = with dust aspiration.



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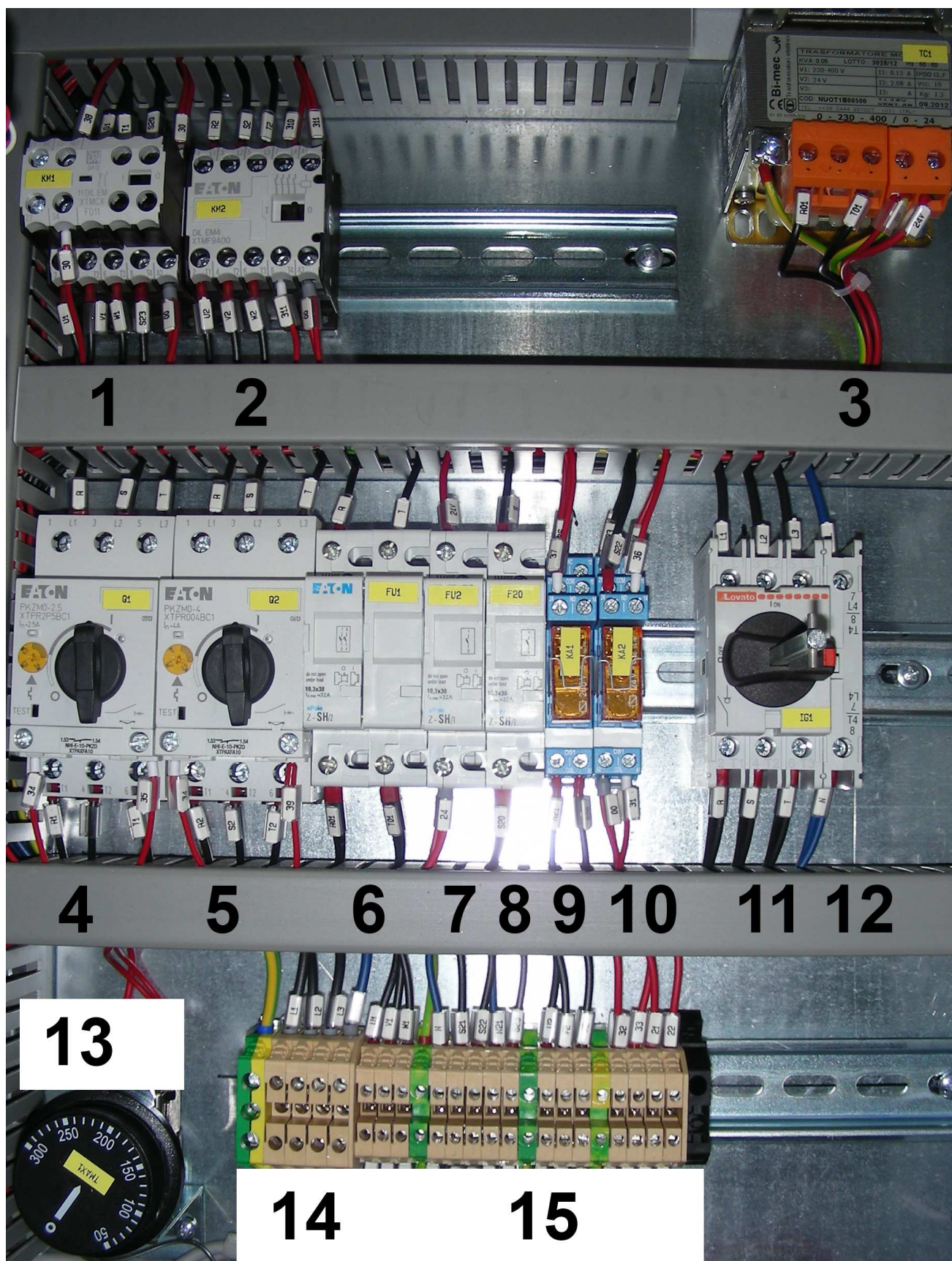


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23. ELECTRIC BOX, AS1150 PTO - INTERNAL LAYOUT

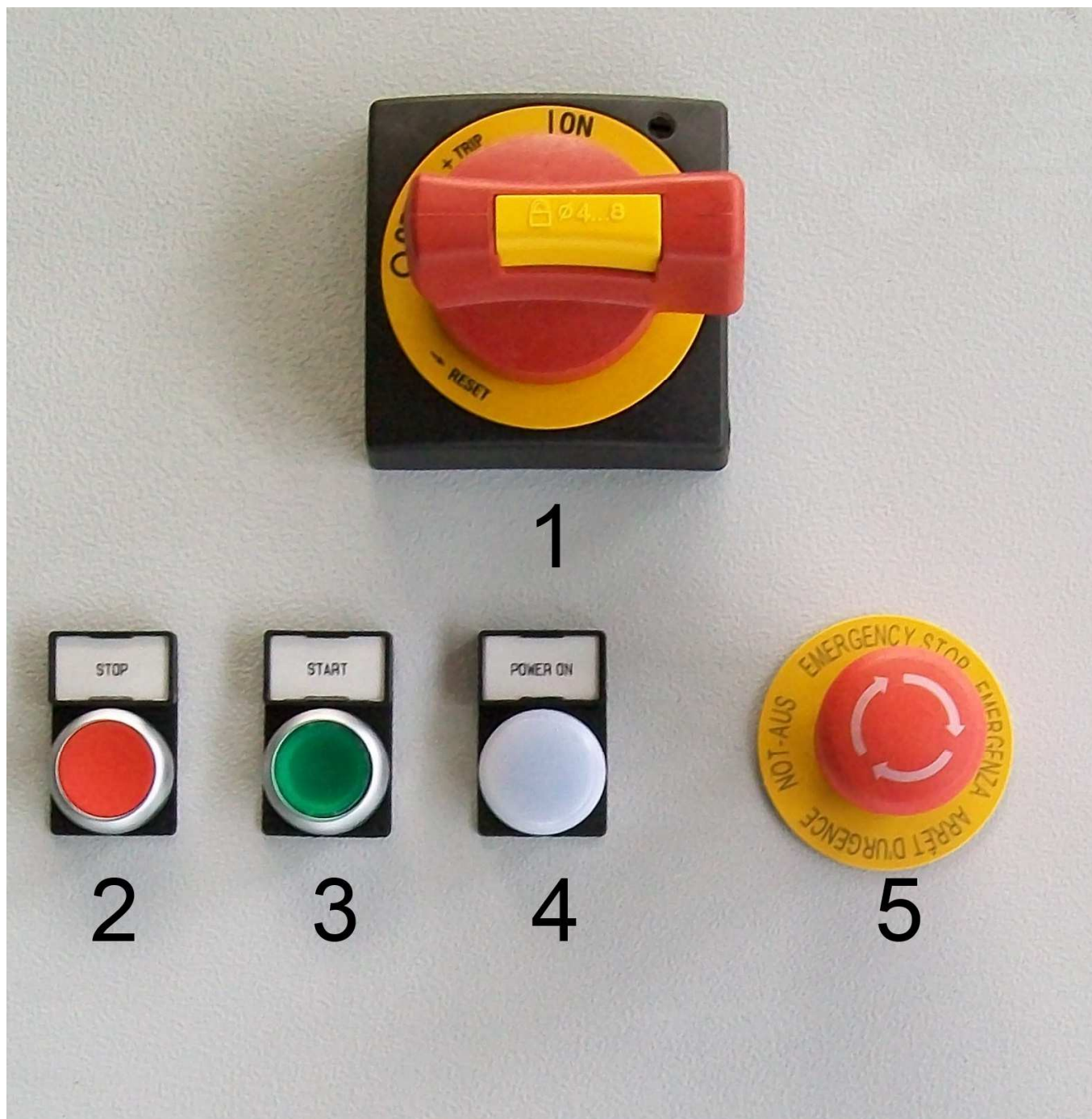


ELECTRIC BOX, AS1150 PTO - INTERNAL LAYOUT - TABLE

Pos	Code	Q.ty	Description
1	08190103	1	Contactor EATON 4kW DILEM4 24Vac
1.1	08190104	1	Auxiliary contact block 11DILEM
2	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 (Q1)
4.1	08190105	1	Auxiliary contact block NHI-E-10-PKZM0 1NO
5	08120101	1 wda	Motorprotector EATON PKZMO-4 2,5-4A (Q2)
5.1	08190105	1 wda	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
14.1	08150112	1	Earth terminal block 6 mm ²
14.2	08150101	4	Terminal block 4 mm ²
15.1	08150100	15	Terminal block 2.5 mm ²
15.2	08150110	2	Earth terminal block 2.5 mm ²

Legenda. wda = with dust aspiration.

24. ELECTRIC BOX FOR SINGLE MOTOR 37 KW 400V AS1150 PTO - EXTERNAL LAYOUT



**ELECTRIC BOX FOR SINGLE MOTOR 37 kW 400V (*) AS1150 PTO
EXTERNAL LAYOUT - 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
23.1	08060111	1	Light blocks- GREEN - M22-LED-G 24V
23.2	08060112	1	Light blocks- WHITE - M22-LED-W 24V



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21



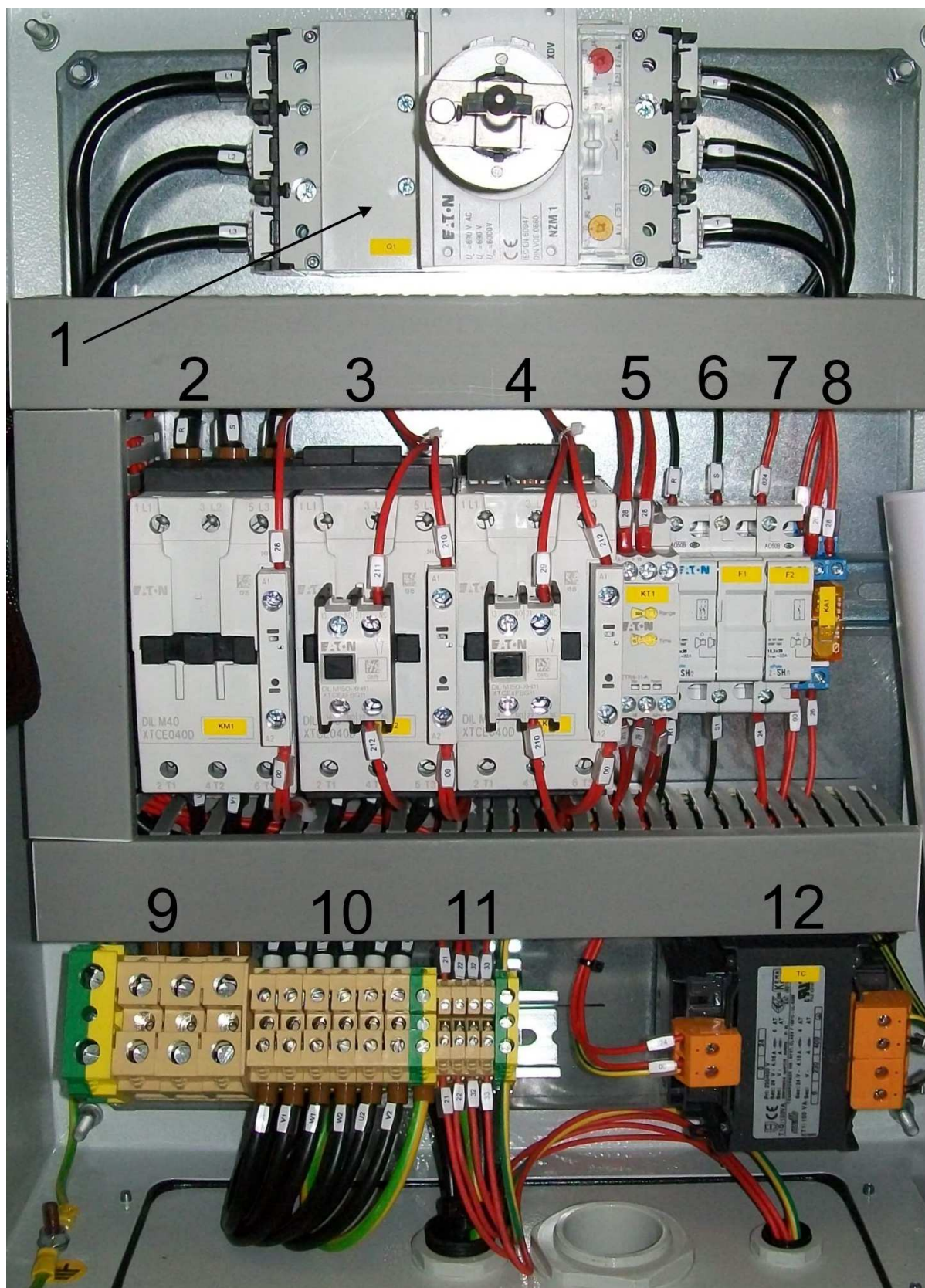
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(*) This scheme is not completely suitable for 230 V voltage.

25. ELECTRIC BOX FOR SINGLE MOTOR 37 KW 400V AS1150 PTO - INTERNAL LAYOUT



***ELECTRIC BOX FOR SINGLE MOTOR 37 kW 400V (*) AS1150 PTO -
INTERNAL LAYOUT - TABLE***

Pos	Code	Q.ty	Description
1	08080101	1	Rotary handle, red-yellow, for NZM1
1	08080100	1	General switch + Motorprotector NZMN1-M80 63-80A
	08080102	1	Shaft extension for main switch L=400mm
2	08190112	1	Contactor DILM40, 18.5kW (KM1)
3	08190112	1	Contactor DILM40, 18.5kW (KM2)
	08190101	1	Auxiliary contact DILM150-XHI11 1NO+1NC
4	08190112	1	Contactor DILM40, 18.5kW (KM3)
	08190101	1	Auxiliary contact DILM150-XHI11 1NO+1NC
5	08180100	1	Timing relay EATON ETR4-11-A
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.