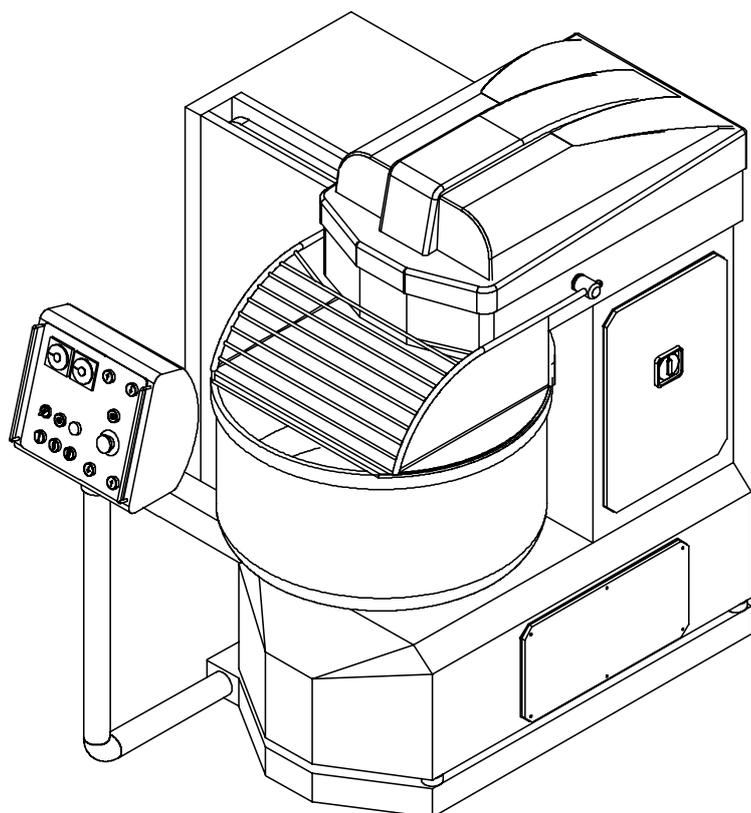


SPARE PARTS

OVERTURNING SPIRAL MIXERS

MODEL

MT 80 MT 80 PREMIUM
MT 120 MT 120 PREMIUM

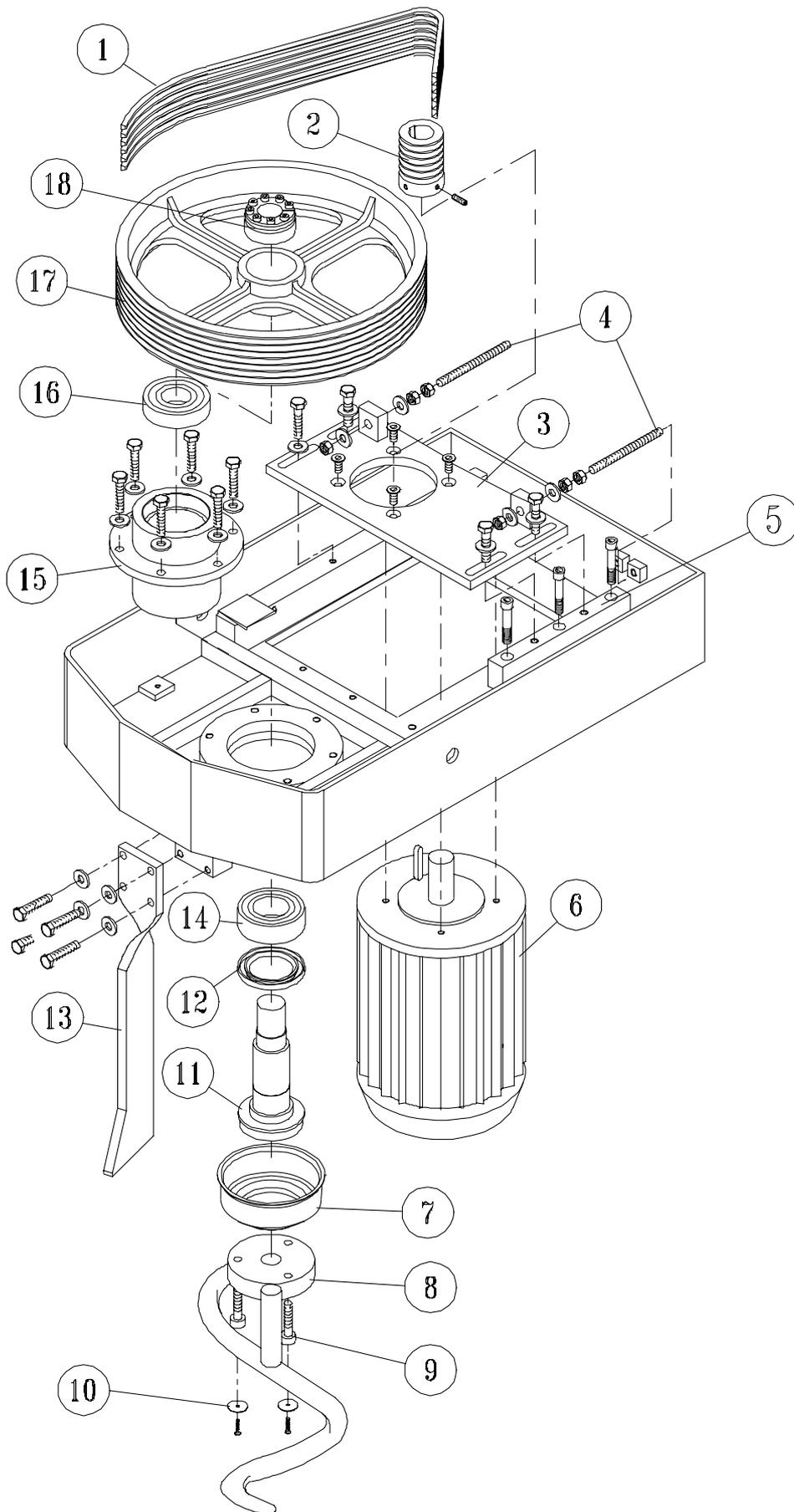


SPARE PARTS ENQUIRY

Always mention:

- Machine model
- Serial number
- No. of reference table
- ⇒ Position in the list of the spare part requested
- ⇒ Piece description
- ⇒ Quantity needed
- ⇒ Code

Table 1: Head group of model MT

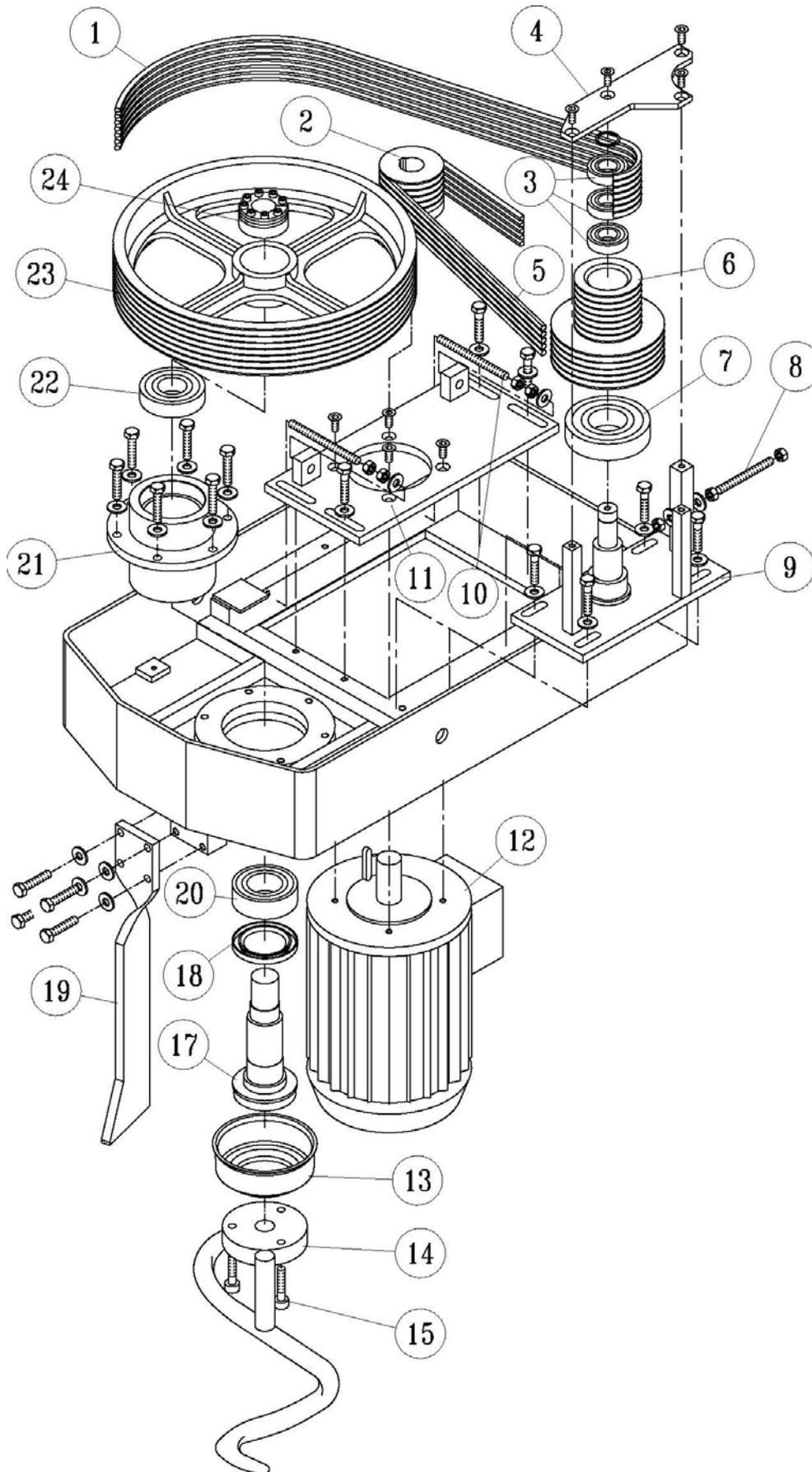


List 1: Head group of model MT

POS.	DESCRIPTION	Qty	CODE
1	Belt SPZ 1700	7	C01215
2	Motor pulley	1	D11117
3	Spiral motor slide	1	D13101
4	Tie rod M12	2	C02914
5	Motor support	1	D04200
6	Motor	1	*
7	Sump	1	D08202
8	Spiral	1	D12201
9	Screw	3	D15000
10			
11	Spiral shaft	1	D01118
12	MIM ring 65/100x12	1	C11900
13	Column with foot	1	D12101
	Column without foot	1	D12104
14	Bearing 3211	1	C00100
15	Spiral shaft support	1	D04002
16	Bearing 6310 2RS	1	C00004
17	Pulley	1	D11103
18	Locking assembly	1	C01301

* see wiring diagrams

Table 2: Head group of model MT PREMIUM



List 2: Head group of model MT PREMIUM

POS.	DESCRIPTION	Qty	CODE
1	Belt SPZ 1587	7	C01211
2	Pulley 50 Hz	1	D11119
	Pulley 60 Hz	1	D11120
3	Bearing 62206 2RS	3	C00001
4	Reinforcing plate	1	D13001
5	Belt SPZ 850 (for 50 Hz)	4	C01202
	Belt SPZ 837 (for 60 Hz)	4	C012..
6	Transmission pulley	1	D11110
7	Bearing 6313 2RS	1	C00005
8	Tie rod M12	1	C02914
9	Transmission support	1	D04601
10	Tie rod M12x130	2	C02012
11	Spiral motor slide	1	D13101
12	Motor	1	*
13	Sump	1	D08202
14	Spiral	1	D12201
15	Screw	3	D15000
16			
17	Spiral shaft	1	D01118
18	MIM ring 65/100x12	1	C11900
19	Column with foot	1	D12101
	Column without foot	1	D12104
20	Bearing 3211	1	C00100
21	Spiral shaft support		D04002
22	Bearing 6310 2RS	1	C00004
23	Pulley	1	D11103
24	Locking assembly	1	C01301

(*) see wiring diagrams

List 3: Bowl group

POS	DESCRIPTION	Qty	CODE
1	Bowl model 80 – Ø 680	1	D12001
	Bowl model 120 – Ø 750	1	D12000
2	Bowl shaft	1	D01001
3	MIM ring 65/100x12	1	C11900
4	Bearing 3211	1	C00100
5	Bowl shaft support	1	D04004
6	Bearing 6310 2RS	1	C00004
7	Bowl transmission support shaft	1	D01300
8	Threaded C plate	2	D13003
9	Belts SPZ 1537	2	C01210
10	Pulley	1	D11107
11	Tie rod l=560 mm	1	C02920
12	Bearing 6208 2RS	1	C00002
13	Bowl transmission support	1	D04000
14	Locking assembly	1	C01301
15	Bowl pulley	1	D11101
16	Belt SPZ 1512 – mod. 80	5	C01209
	Belt SPZ 1587 – mod. 120	5	C01211
17	Bearing 6208 2RS	1	C00002
18	Seeger ring UNI 7435 E 40	1	C02905
19	Bowl transmission pulley	1	D11114
20	Washer	1	D15101
21	Tie rod l=125 mm	1	C02922
22	Motor slide	1	D13102
23	Cap nut M8 UNI 5721	2	C02401
24	Motor support shaft	1	D01301
25	Motor	1	*
26	Bowl motor pulley	1	D11112
27	Bowl lay shaft	1	D01203
28	Transmission locking assembly	1	C01300
29	Thrust bearing pin support screw	4	D01305
30	Thrust bearing roller support	2	D04101
31	Thrust bearing roller pin	2	D01304
32	Bearing 6204 2RS	4	C00000
33	Trust bearing roller	2	C01408
34	Hexagonal pin for arm	2	D01306
35	Bottom arm bush	2	D05001
36	Top arm bush	2	D05000
37	Removable cover mod. 80	1	D08102
	Removable cover mod. 120	1	D08103

*) see wiring diagrams

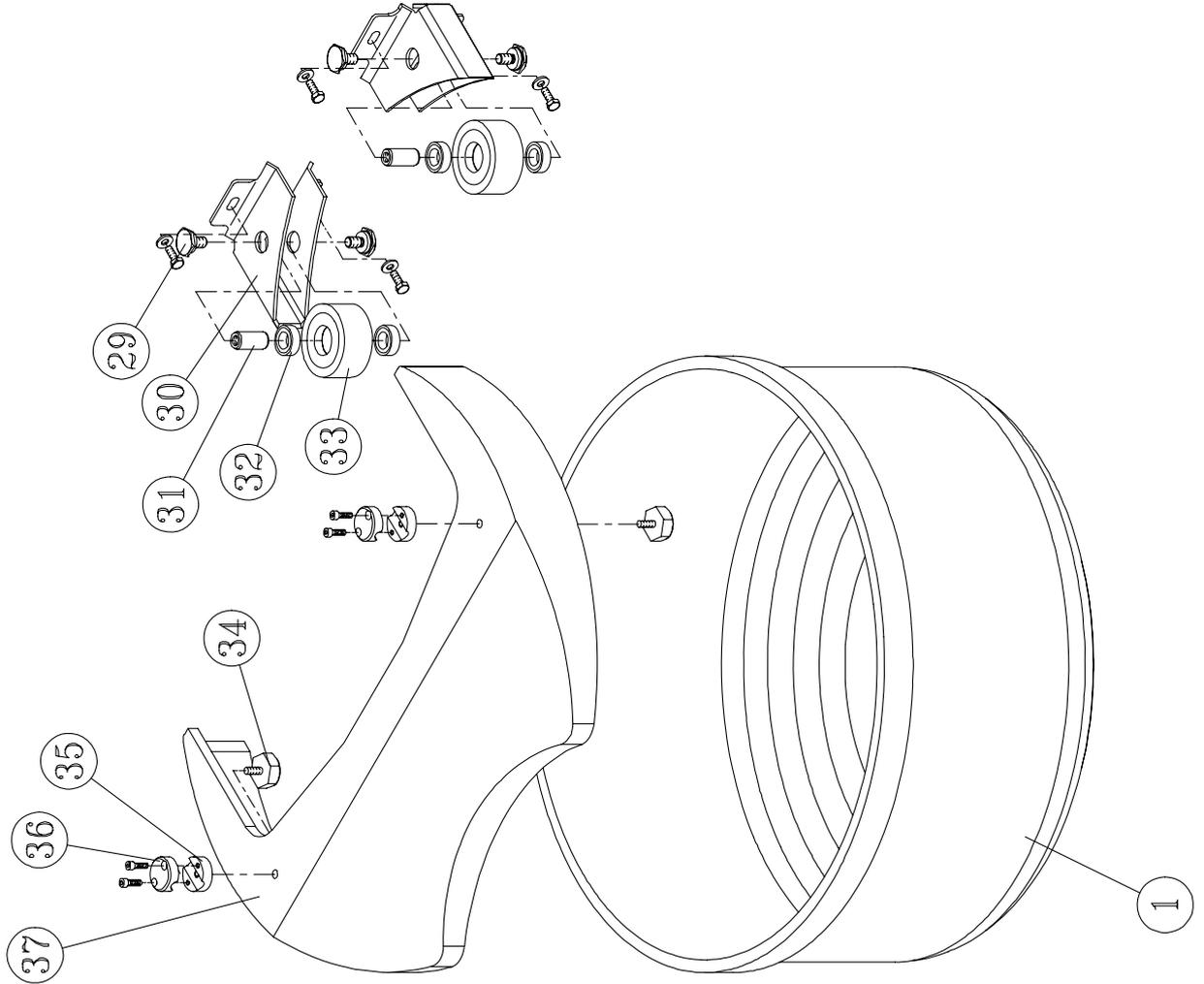


Table 3: Bowl group – exploded view

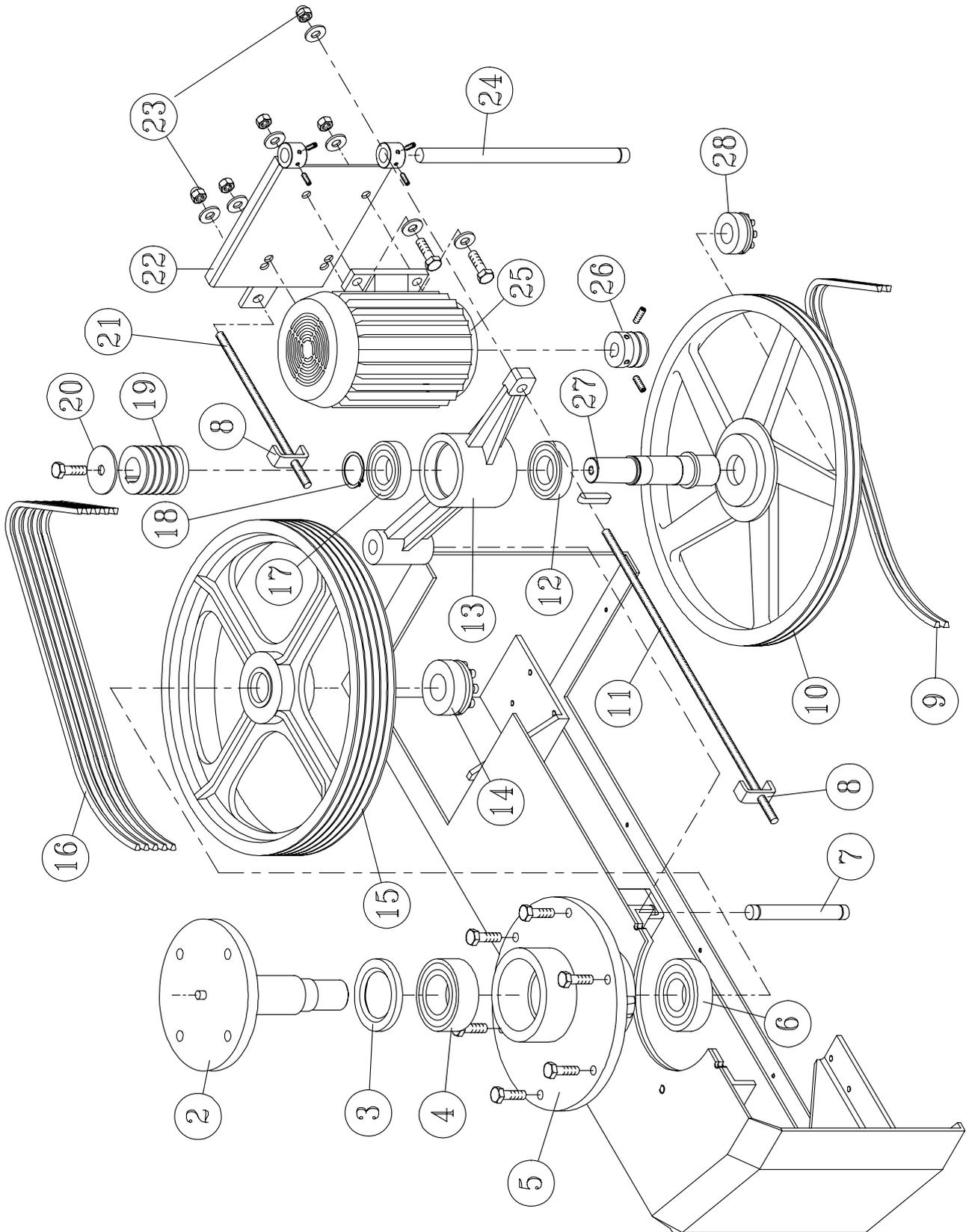
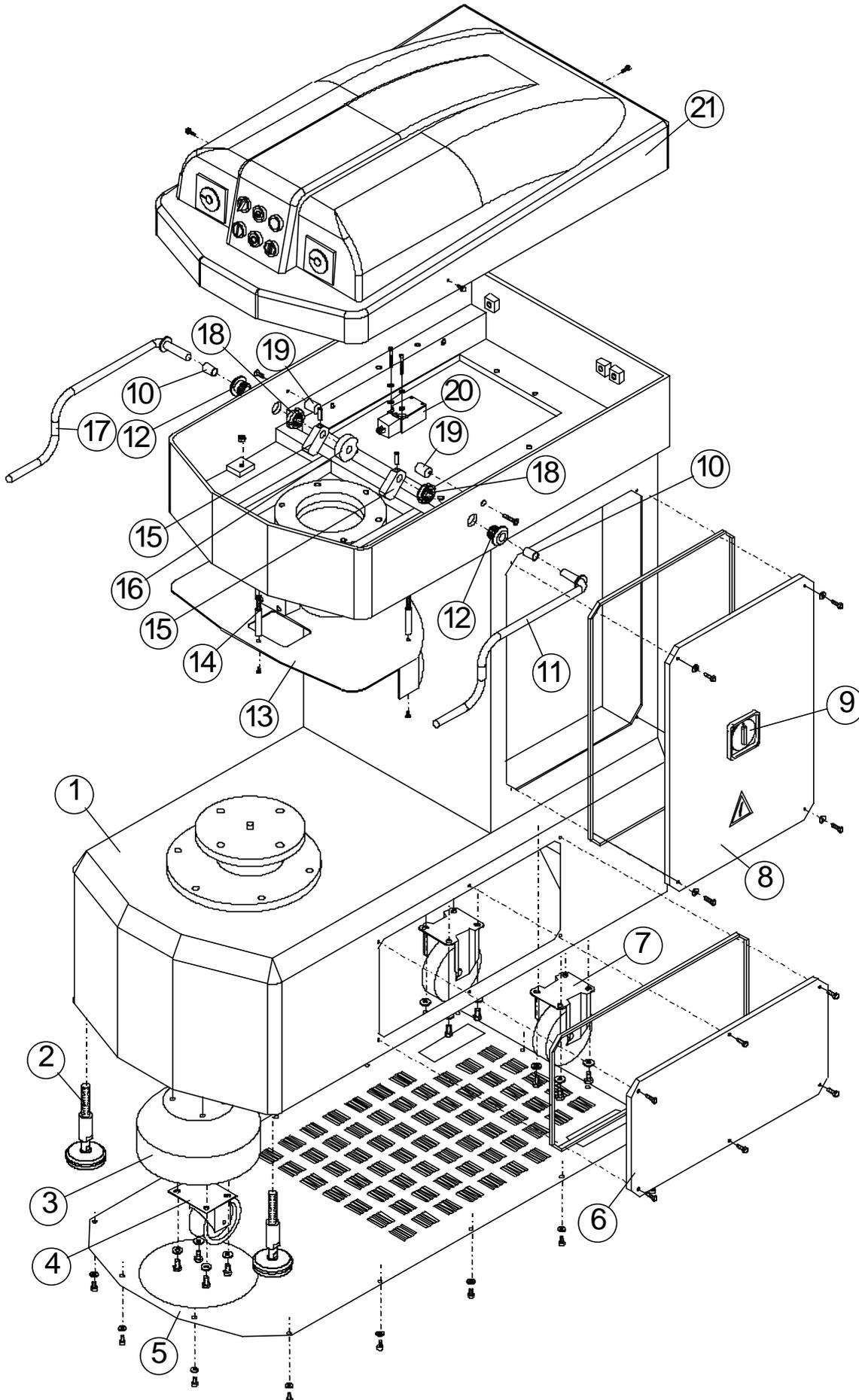


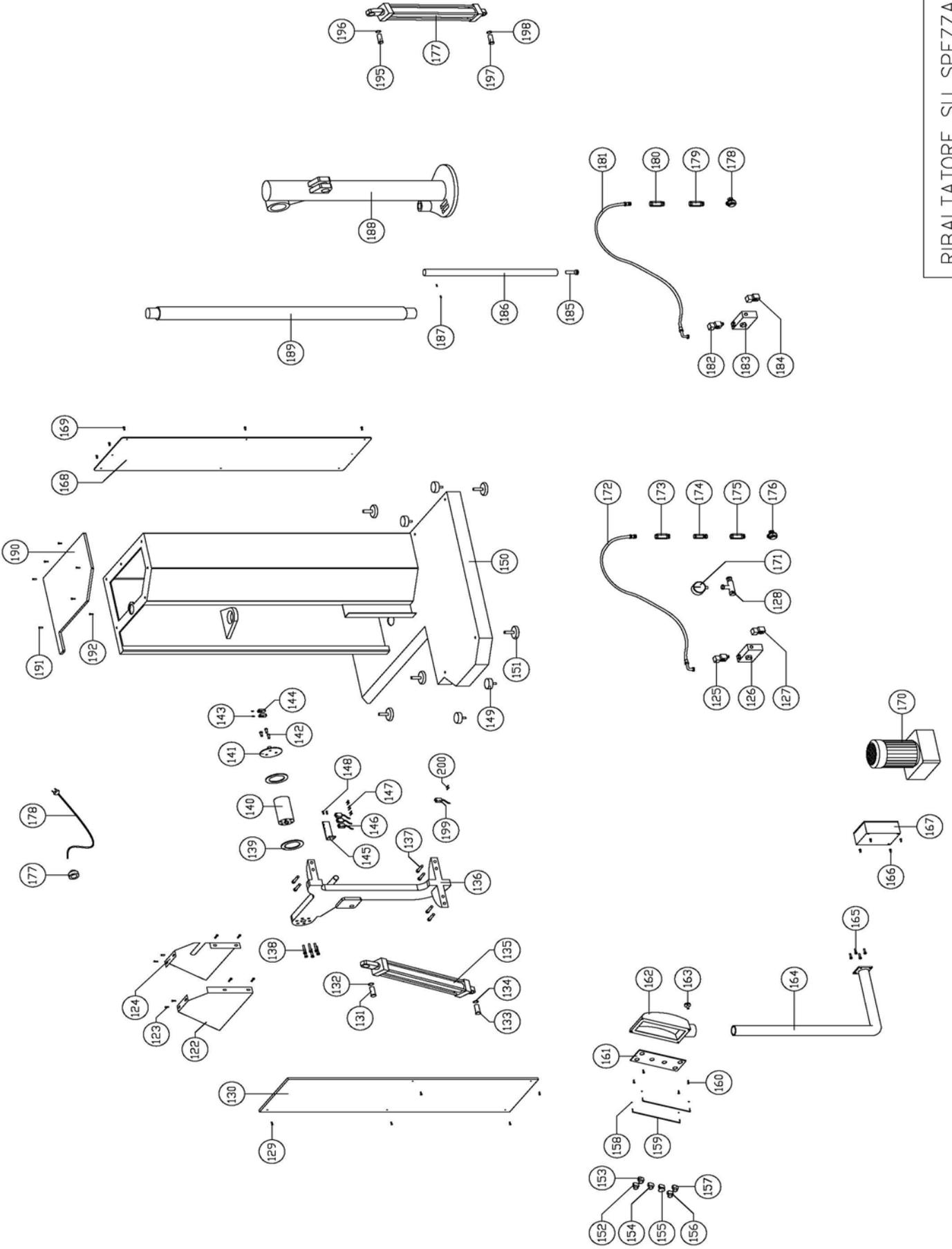
Table 4: Machine structure – exploded view



List 4: Machine structure

POS.	DESCRIPTION	Qty	CODE
1	Body	1	D03001
2	Foot	2	C01000
3	Wheel closing casing	1	D08200
4	Caster	1	C01400
5	Mouse protection grid	1	D07453
6	Base door	1	D07000
7	Rear wheel	2	C01401
8	Electric system door	1	D07001
9	Main switch	1	*
10	Bush DU151725	2	C00201
11	RH arm	1	D04500
12	Arm/head coupling bush	2	D05002
13	Fixed guard mod. 100	1	D07302
	Fixed guard mod. 120	1	D07303
14	Fixed guard spacer	3	D01302
15	Guard stop plate	2	D04401
16	Microswitch cam	1	D06000
17	Left arm	1	D04501
18	Ring nut GUK G25	2	C01100
19	Cam bush	2	D05003
20	Safety microswitch	1	*
21	Head cover	1	D08002

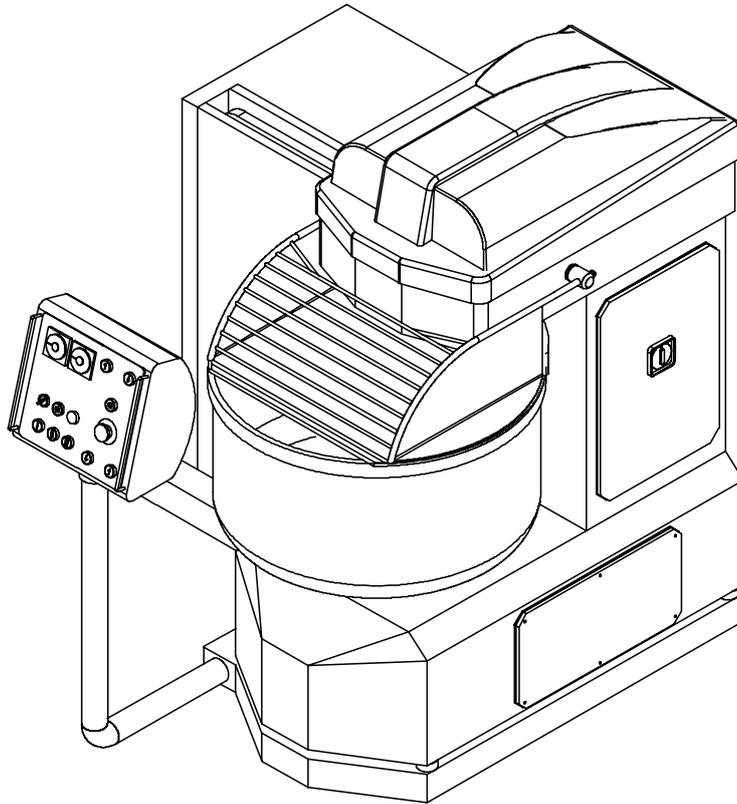
*see wiring diagrams

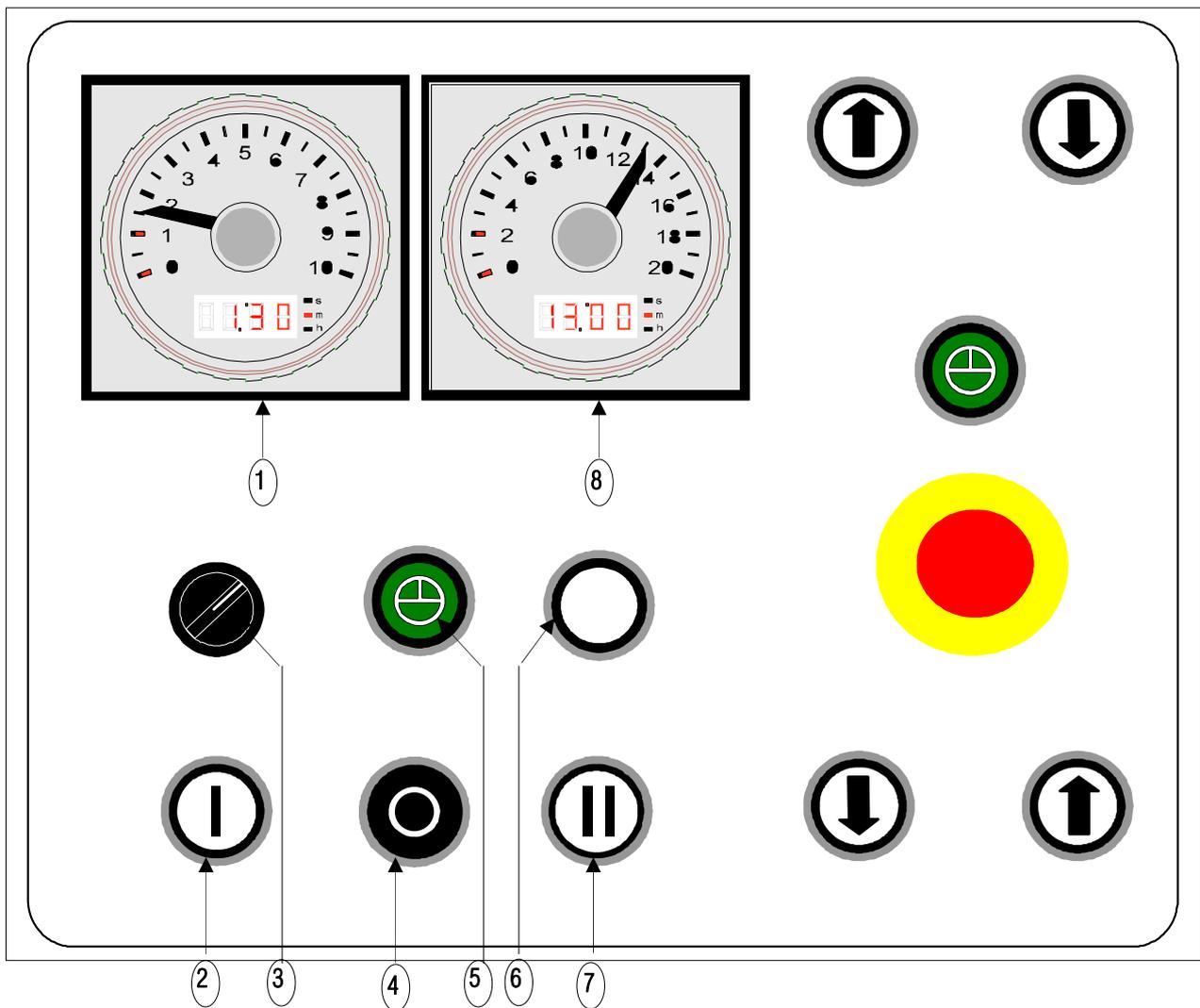


CONTROL PANEL

OVERTURNING SPIRAL MIXERS

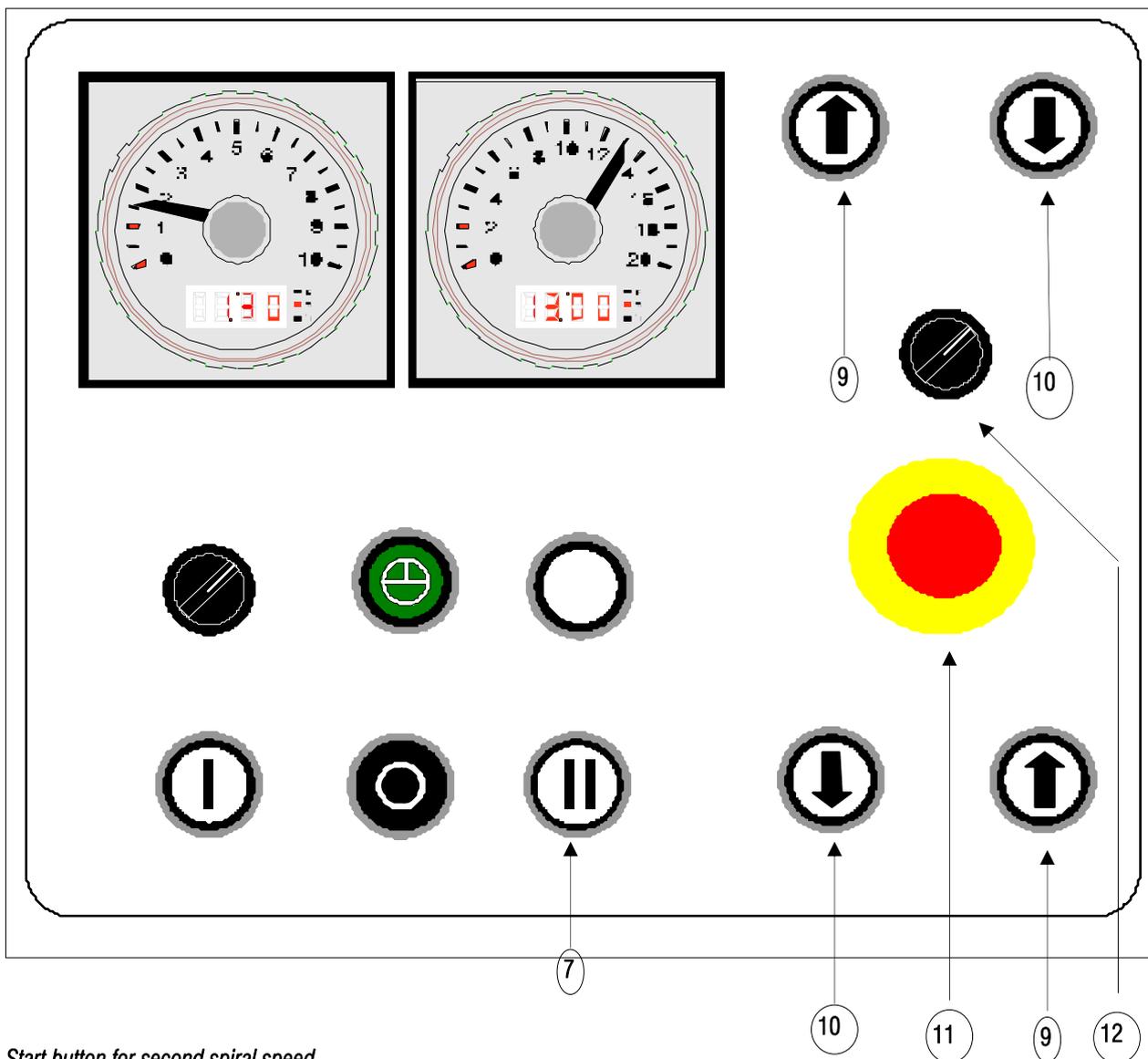
FOR MT SERIES





- 1** *Timer for first spiral tool speed*
- 8** *Timer for second spiral tool speed*
 at zero, "MANUAL"- "M" LED on
 above zero, "COUNT"- "C" LED on
 below zero, "EXCLUDED"- "E" LED on
- 2** *Start push button for first spiral speed*
Does not work with the bowl cover open.
 Three types of operation are possible:
- **MANUAL WORK CYCLE AT SPEED ONE**
 (Timer **1** NEEDLE at zero, "MANUAL"- "M" LED on)
 Stopping takes place by pressing the stop button **4** or the emergency-stop button **11**.
 - **SEMI-AUTOMATIC WORK CYCLE AT SPEED ONE**
 (Timer **1** NEEDLE above zero, "COUNT"- "C" LED on,
 Timer **8** NEEDLE below zero, "EXCLUDED"- "E" LED on)
 Stopping is established by timer **1**.
 - **AUTOMATIC WORK CYCLE**
 (Timer **1** NEEDLE above zero, "COUNT"- "C" LED on,
 Timer **8** NEEDLE above zero, "COUNT"- "C" LED on)
 The following sequence is carried out automatically:
 1. Timed work stage at speed one.
 2. Bowl stop for 1 seconds (if selector **3** is to reverse position)
 3. Timed work stage at speed two.
 4. Automatic machine stop.
- 3** *Selector for bowl rotation direction in first speed.*
 To reverse the rotation direction while in motion, turn the selector to the middle position, wait until the bowl stops rotating, then turn it to the other position.
In second speed there is only one rotation direction.
- 4** *Machine stop push button*
 Interrupts all modes of rotation.
- 5** *Bowl jog rotation command in first speed*
 Also functions with bowl cover open.
 When the push button is released the bowl stops rotating.
- 6** *Power indicator*
 When lit, it indicates that the electrical board is powered.

TIPPER CONTROL PANEL



7 Start button for second spiral speed

Does not work with the bowl cover open.

Two types of operation are possible:

- MANUAL WORK CYCLE AT SPEED TWO
(Timer 1 NEEDLE below zero, "EXCLUDED"-"E" LED on,
Timer 8 NEEDLE at zero, "MANUAL"-"M" LED on)
Stopping takes place by pressing the stop button 4 or the
emergency-stop button 11.
- SEMI-AUTOMATIC WORK CYCLE AT SPEED TWO
(Timer 1 NEEDLE below zero, "EXCLUDED"-"E" LED on,
Timer 8 NEEDLE above zero, "COUNT"-"C" LED on)
Stopping is automatic and established by timer 8.

9 Dual control up stroke button

Does not function with the bowl cover closed.

The buttons must be pressed with two hands simultaneously until the
bowl has completely tipped over.

10 Dual control down stroke button

The buttons must be pressed with two hands simultaneously until the
bowl has completely tipped over.

In second speed the bowl only rotates in one direction.

11 STOP-EMERGENCY push-button

Interrupts all modes of rotation..

12 Selector for bowl rotation direction

MANUAL SWITCH.

Turn left or right the selector for rotate the bowl.