



ERGO150VL5

Spare Parts Catalog

ERGO150VL5

Item Numbers:

ERGO150-2
ERGO150-2IP54
ERGO150-8
ERGO150-8IP45



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EN

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Drive System

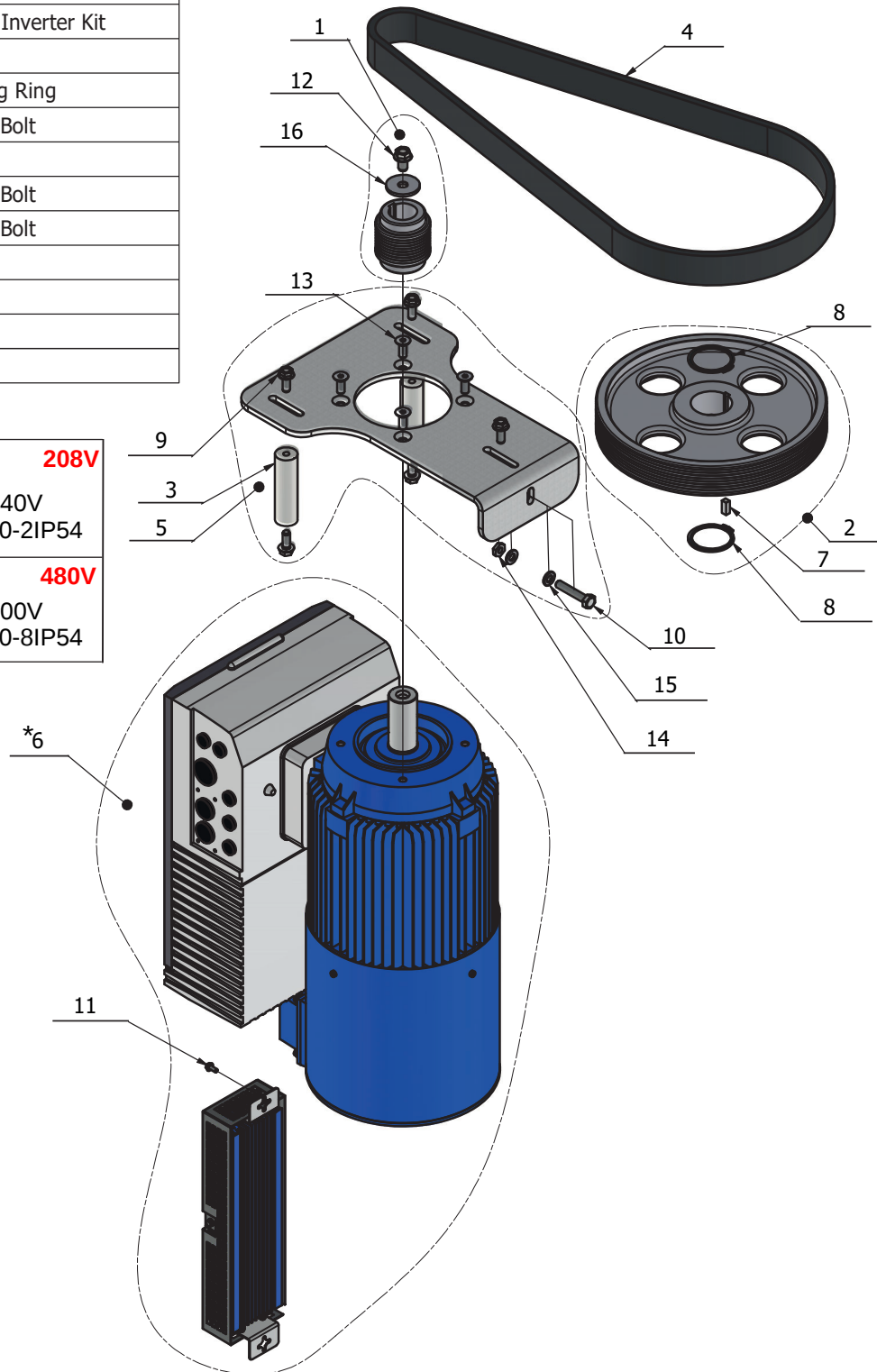
Item #	Part #	Description
1.	AE140-128ZB	Small Motor Pulley Kit
2.	AE140-129ZB	Large Motor Pulley Kit
3.	AE140-148.1	Standoff
4.	DE141-90	V Belt
5.	DE141-61ZB	Motor Plate Kit
*6.	DE141-601 ____	Motor & Inverter Kit
7.	STA2030	Key
8.	STA3419	Retaining Ring
9.	STA5334	Flanged Bolt
10.	STA5348	Screw
11.	STA5732	Flanged Bolt
12.	STA5765	Flanged Bolt
13.	STA5798	Screw
14.	STA5825	Nut
15.	STA6026	Washer
16.	STA6119	Washer

6 - Motor & Inverter Kits*Part #: DE141-601.1ZB****208V**

Desc.: Motor & Inverter Kit 200-240V
For 208V ERGO150-2, ERGO150-2IP54

Part #: DE141-601ZB**480V**

Desc.: Motor & Inverter Kit 380-500V
For 480V ERGO150-8, ERGO150-8IP54



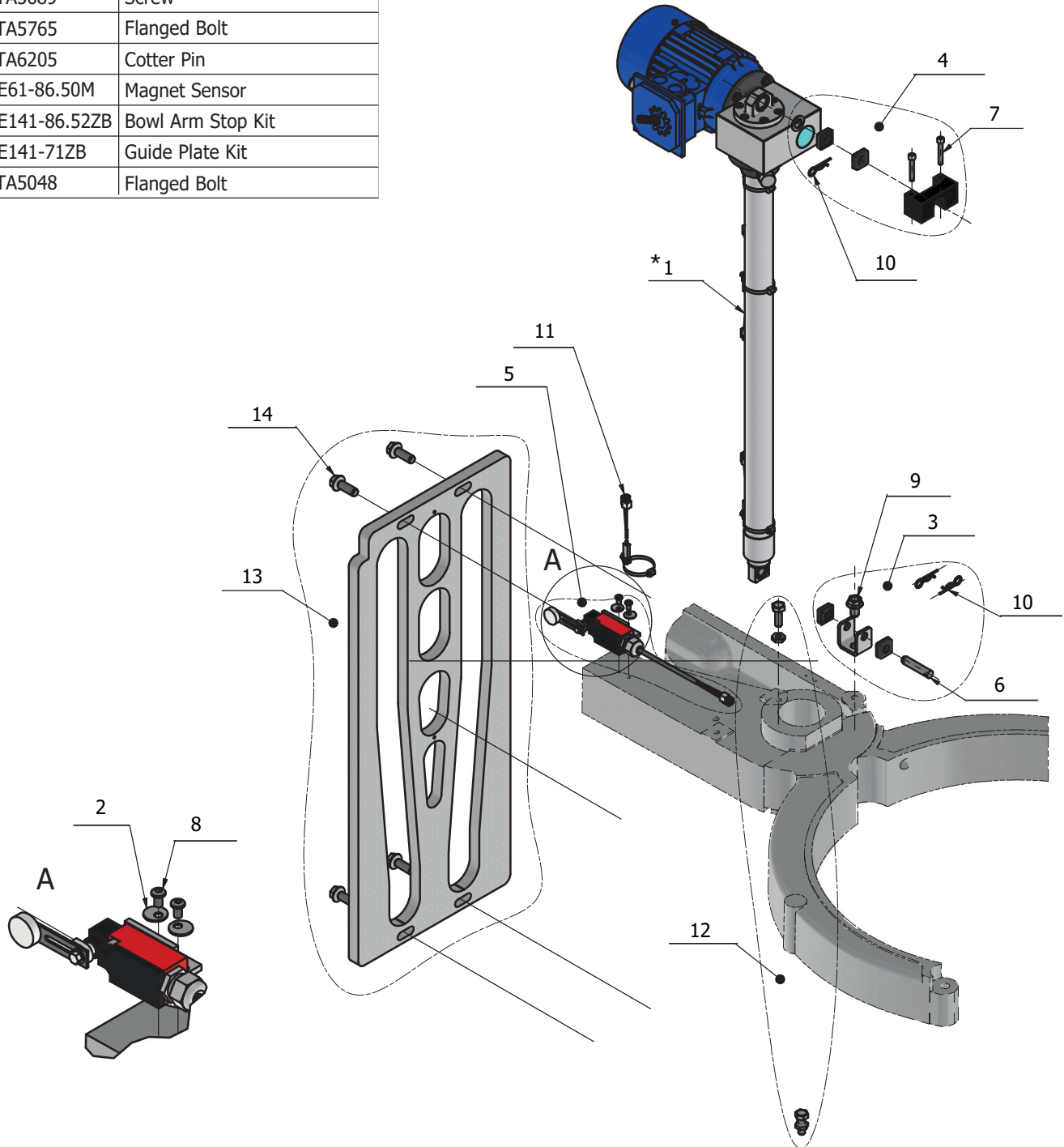
Lifting System

Item #	Part #	Description
*1.	DE141-86.____	Lift Motor
2.	AE140-172.3	Eccentric Washer
3.	DE61-86.51ZB	Lift Lower Mount Kit
4.	DE141-86.50ZB	Lift Top Mount Kit
5.	DE61-173ZB	Microswitch Kit
6.	RN100-86.3S	Pin
7.	STA5372	Screw
8.	STA5689	Screw
9.	STA5765	Flanged Bolt
10.	STA6205	Cotter Pin
11.	DE61-86.50M	Magnet Sensor
12.	DE141-86.52ZB	Bowl Arm Stop Kit
13.	DE141-71ZB	Guide Plate Kit
14.	STA5048	Flanged Bolt

***1 - Lift Motors**

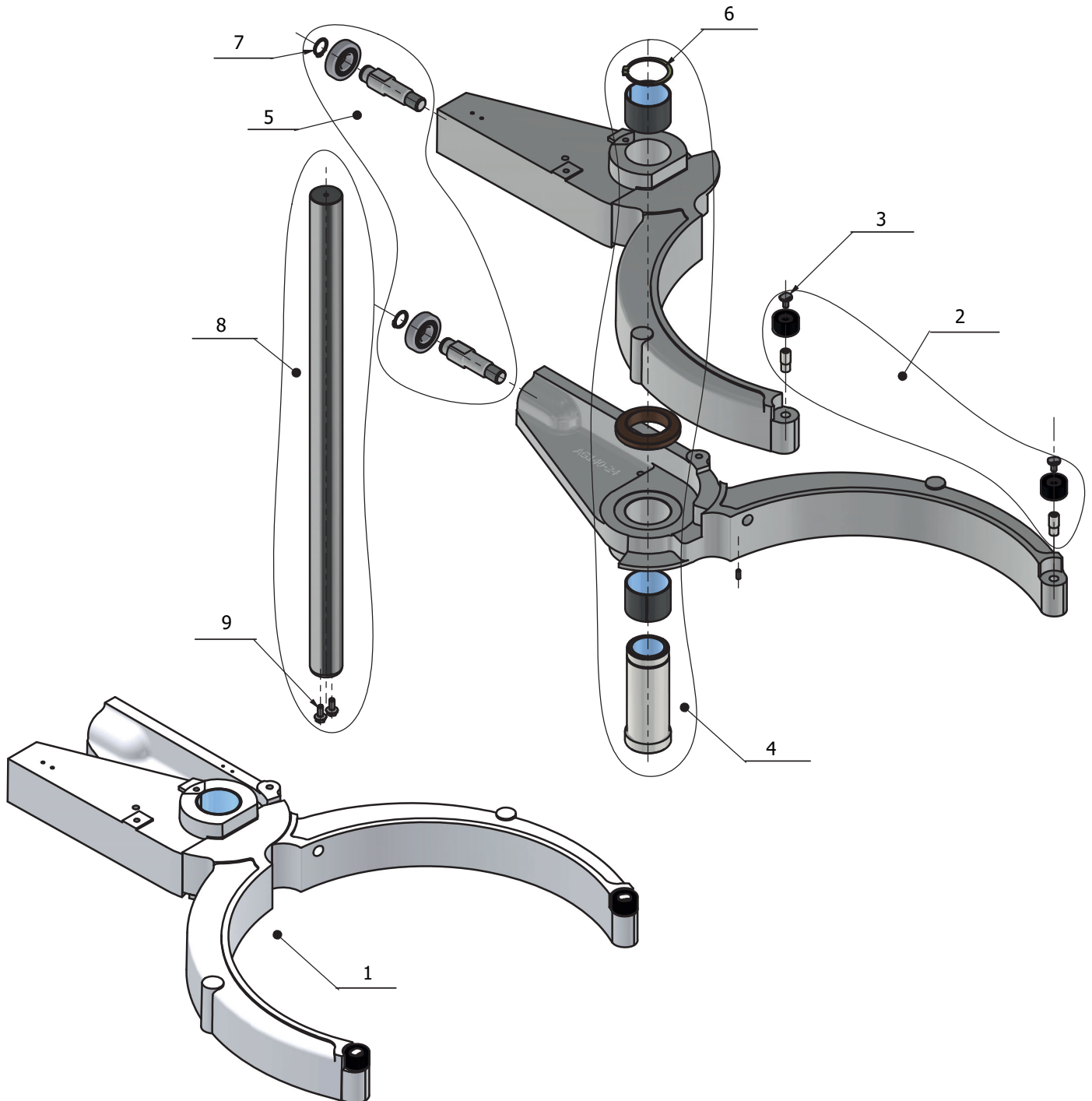
Part #: DE141-86.1ZB **208V**
 Desc.: Lift Motor 208V/60Hz
 For 208V ERGO150-2, ERGO150-2IP54

Part #: DE141-86.2ZB **480V**
 Desc.: Lift Motor 480V/60Hz
 For 480V ERGO150-8, ERGO150-8IP54



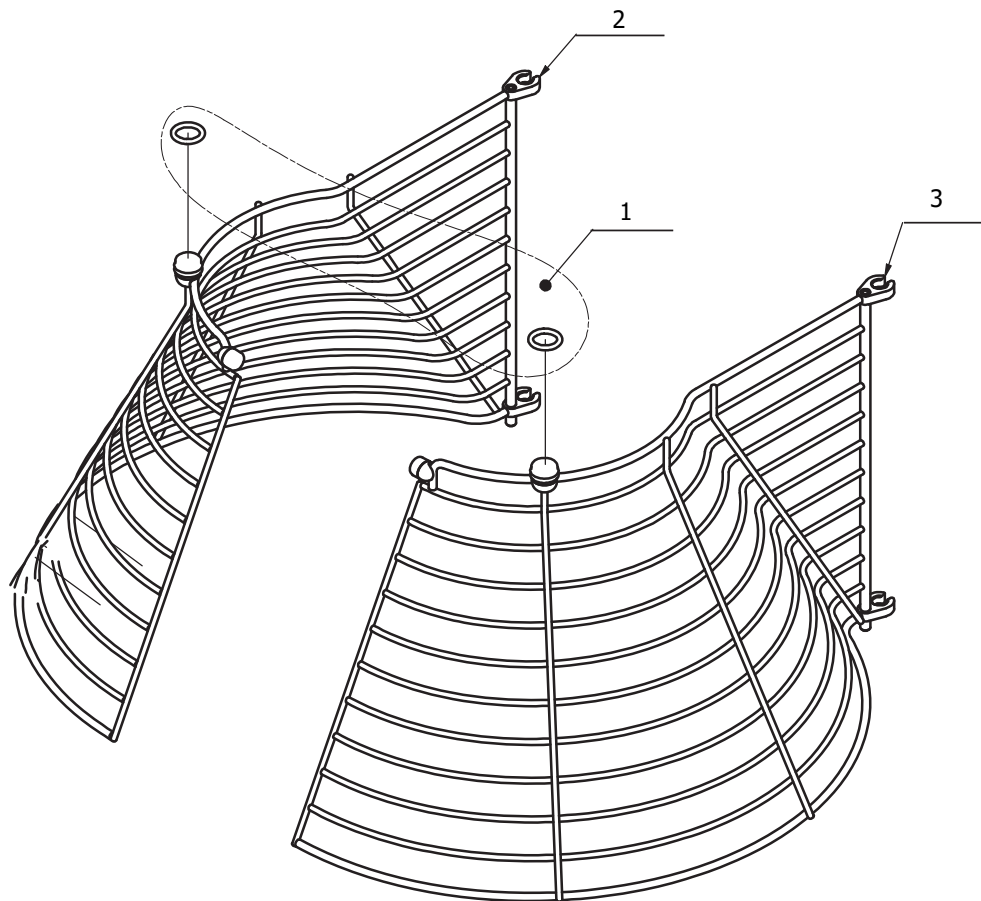
Bowl Arms

Item #	Part #	Description
1.	AE140-23/24.2EZ	Bowl Arm Kit
2.	AR31-128ZB	Bowl Roller Kit
3.	STA9002	Screw
4.	AE140-69.2ZB	Bowl Arm Bushing Kit
5.	DE141-69ZB	Bowl Arm Roller Kit
6.	STA3429	Retaining Ring
7.	STA3467	Retaining Ring
8.	AE140-68ZB	Bowl Arm Shaft Kit
9.	STA5066	Flanged Bolt



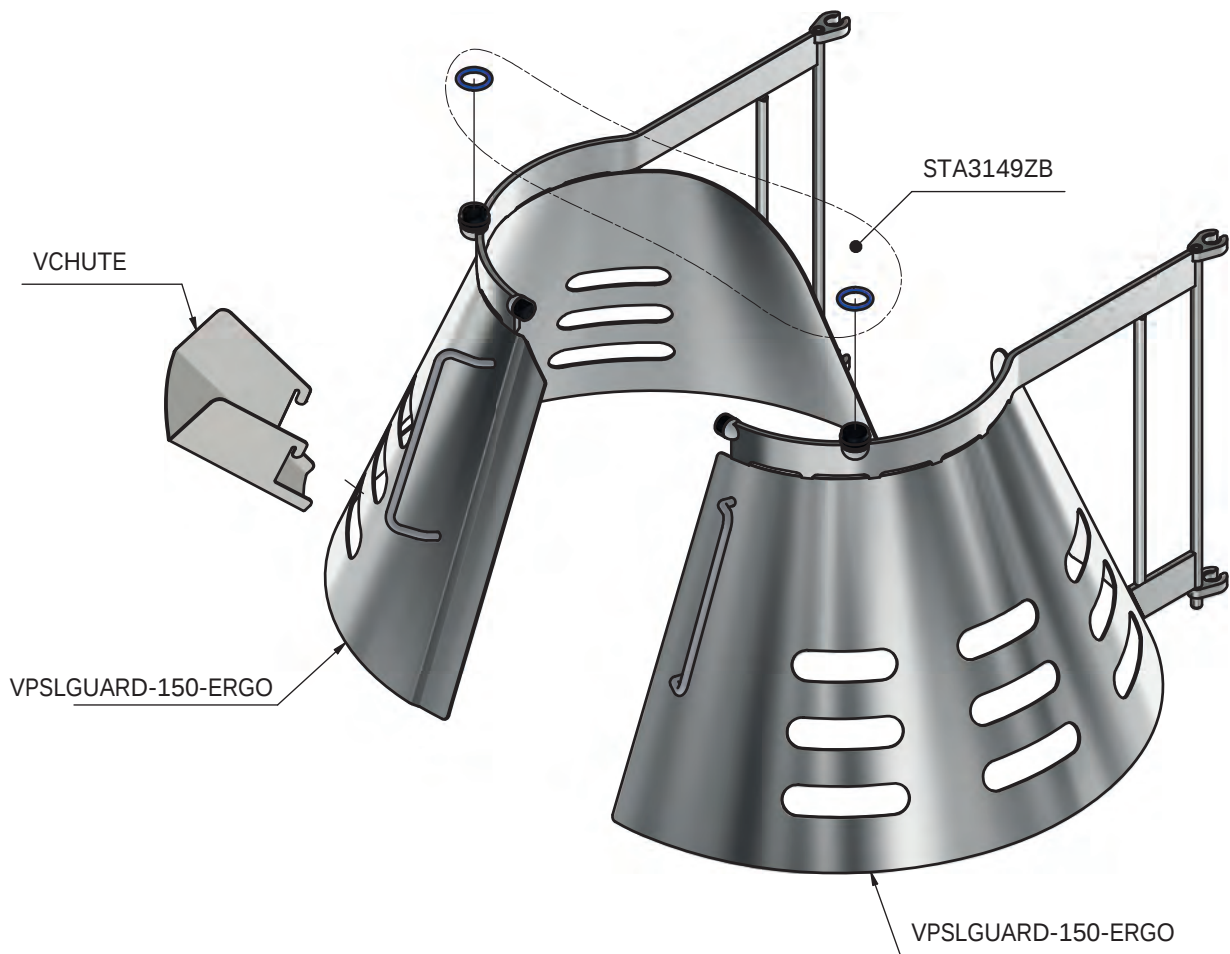
Standard Bowl Guard

Item #	Part #	Description
1.	STA3149ZB	O-Ring Kit
2.	35DE141-21.1M	Right Bowl Guard
3.	35DE141-22.1M	Left Bowl Guard



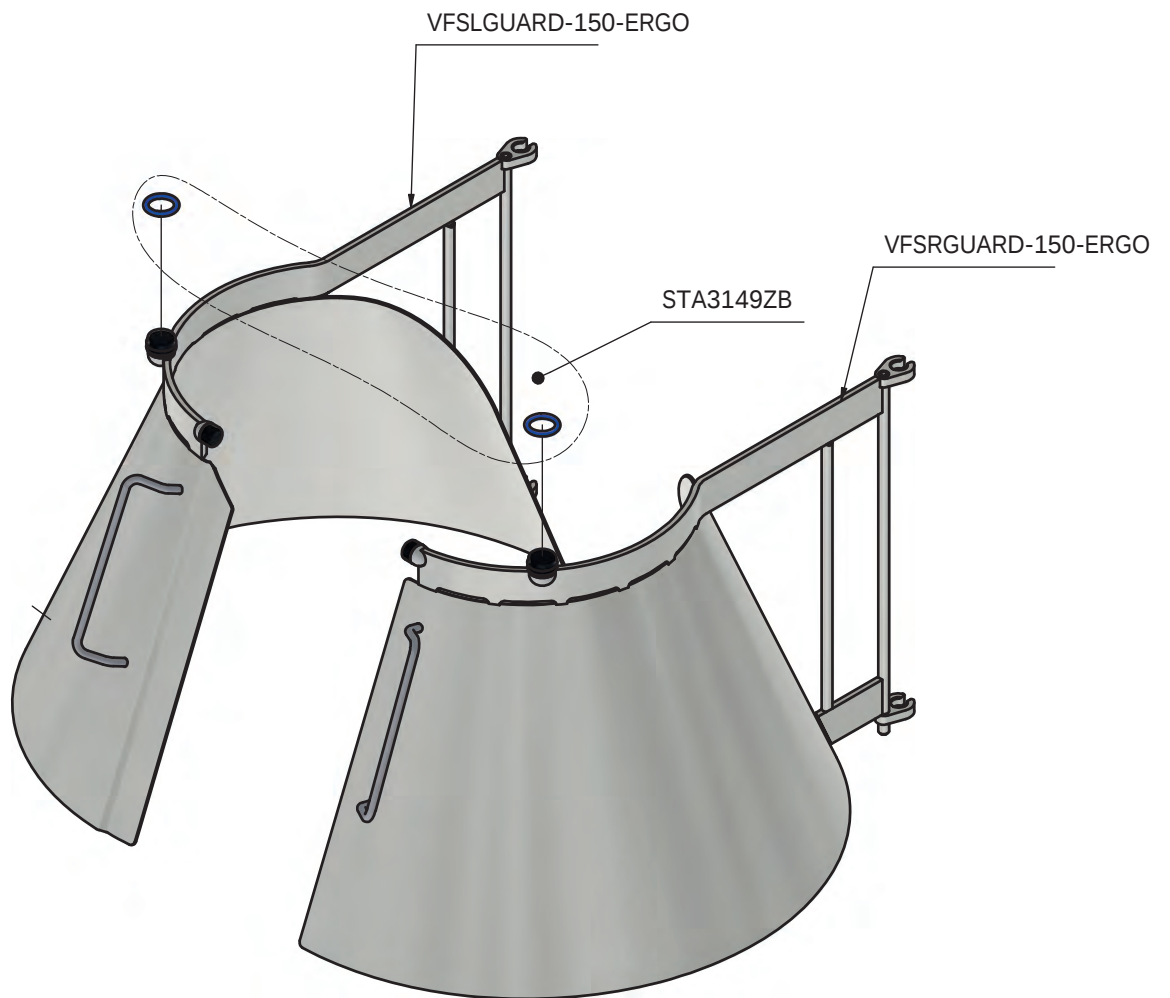
Partial Shield Bowl Guard

Part #	Description
VPSLGUARD-150-ERGO	Partial shield guard, left
VPSRGUARD-150-ERGO	Partial shield guard, right
VCHUTE	Ingredient chute
STA3149ZB	O-ring



Full Shield Bowl Guard

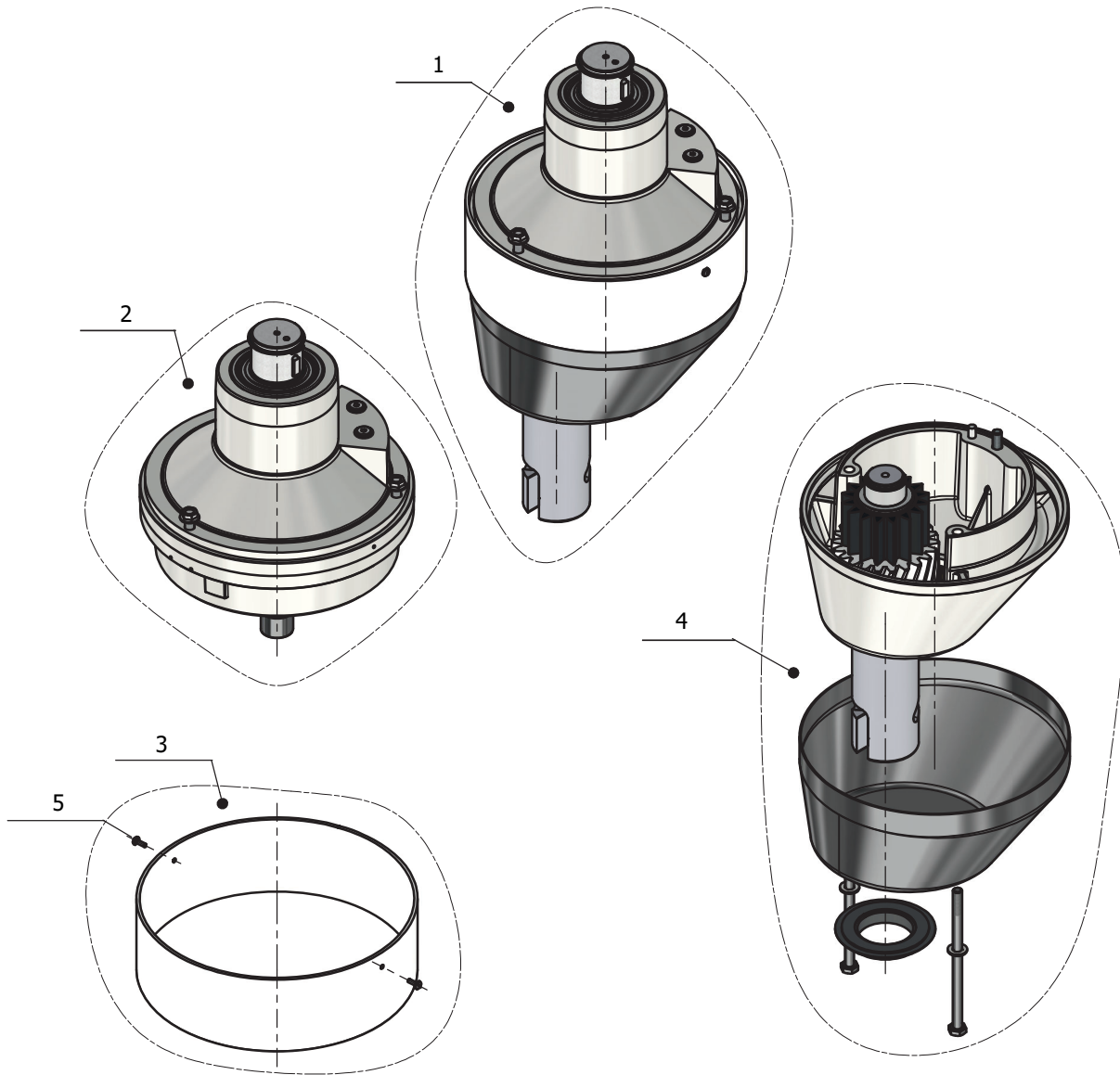
#	Description
VFSLGUARD-150-ERGO	Full shield guard, left
VFSRGUARD-150-ERGO	Full shield guard, right
STA3149ZB	O-ring



Planetary Head Assemblies (IP53)

Item #	Part #	Description
1.	AE140-2.23ZB	Complete Planetary Assembly
2.	DE101-3.1ZB	Upper Planetary Head Assembly
3.	AR100-162ZB	Plastic Cover Kit
4.	AR200-2.25ZB	Lower Planetary Head Assembly
5.	STA9001	Screw

IP53
Item Numbers:
ERGO150-2, ERGO150-8



Upper Planetary Head (IP53)

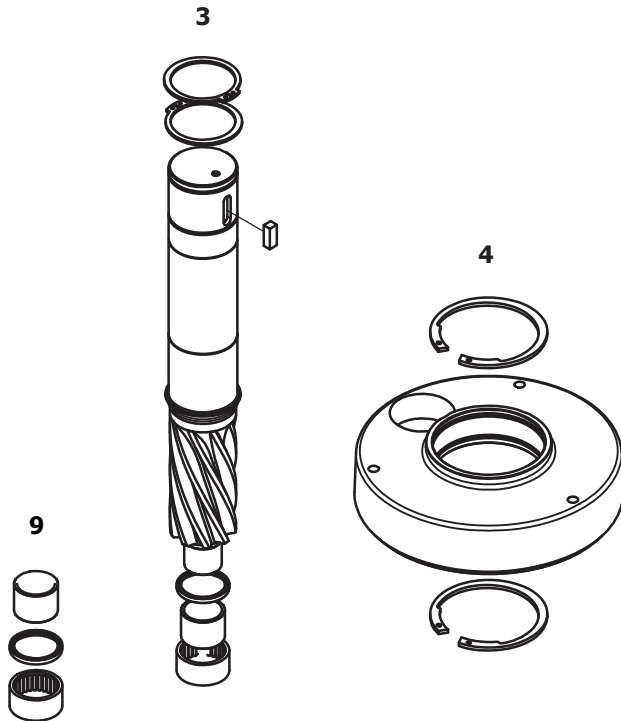
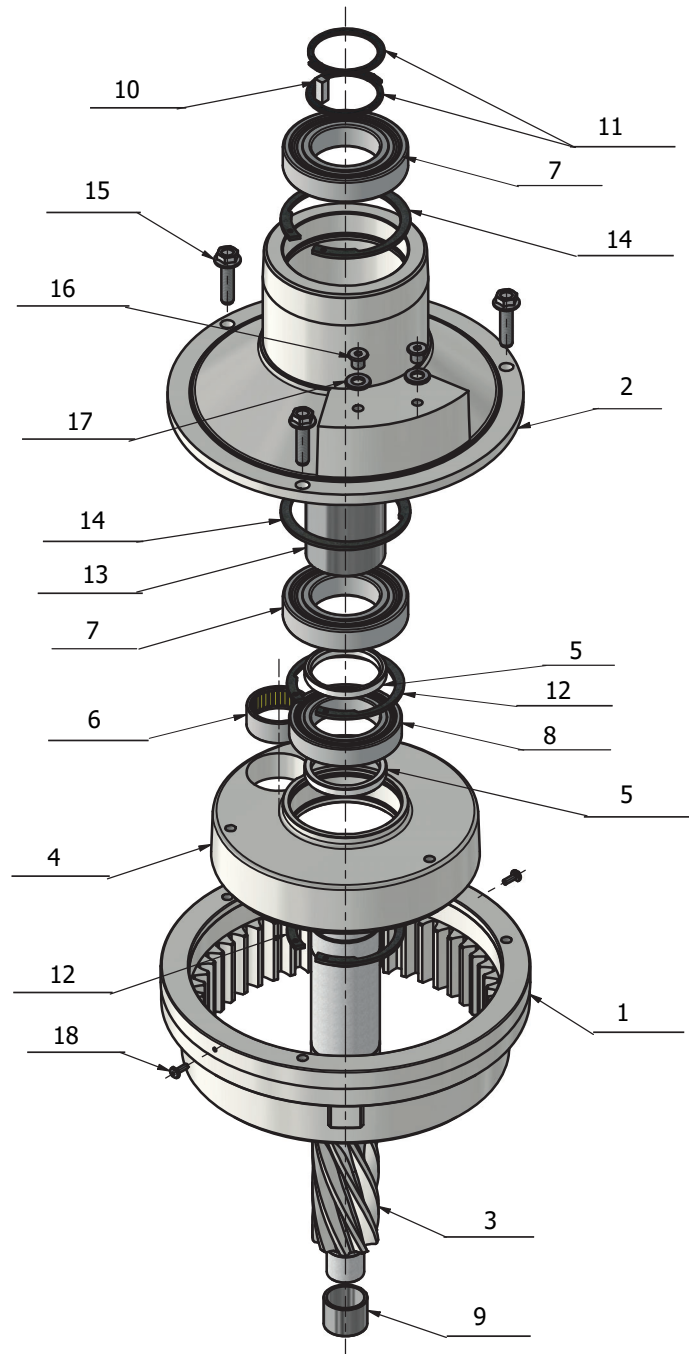
Item #	Part #	Description
1.	R100-1	Ring Gear
2.	R100-3Z	Bearing Housing Kit
3.	R100-30Z	Main Shaft Kit
4.	R100-36Z	Eccentric Disc Kit
5.	R100-37	Spacer
6.	R100-96	Needle Bearing Kit
7.	R100-97	Bearing
8.	R100-100	Bearing
9.	R100-101ZB	Needle Bearing Kit
10.	STA2030	Key
11.	STA3419	Retaining Ring
12.	STA3530	Retaining Ring
13.	R100-141	Distance Tube
14.	STA3532	Retaining Ring
15.	STA5333	Flanged Bolt
16.	STA5711	Screw
17.	STA6010	Washer
18.	STA9003	Screw

DE101-3.1ZB

Upper Planetary Head Assembly

Item Numbers:

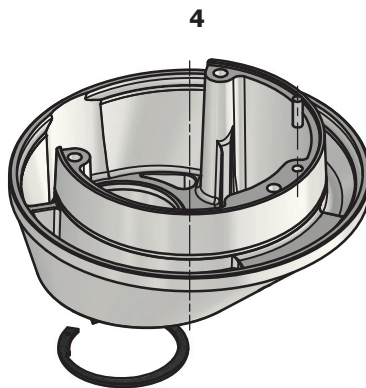
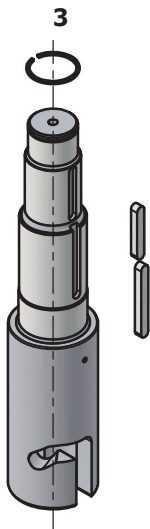
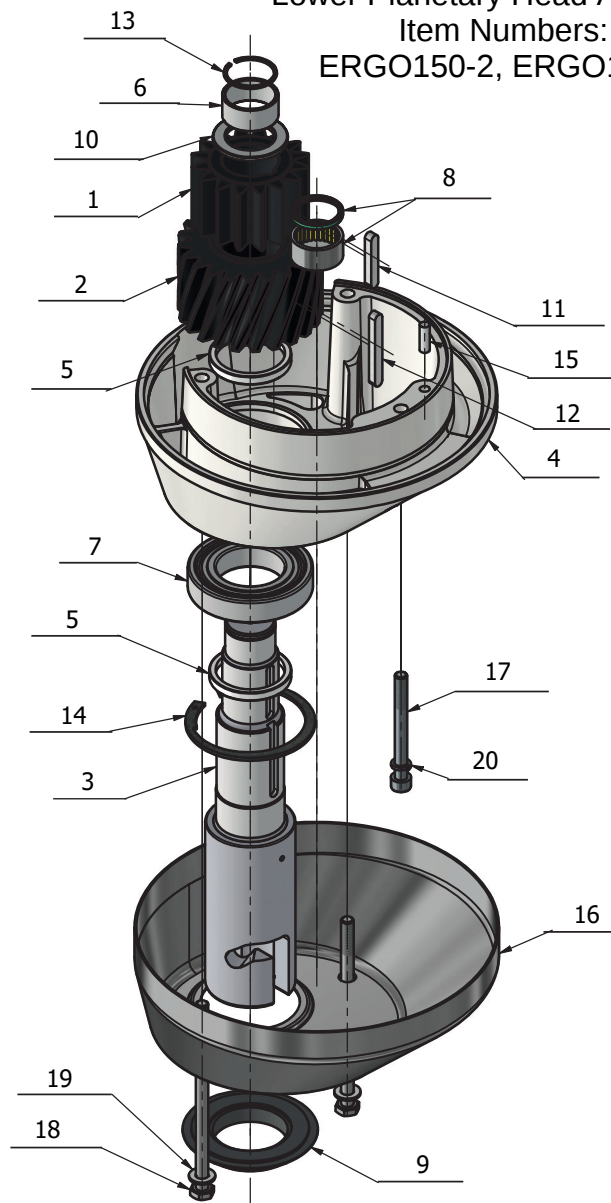
ERGO150-2, ERGO150-8



Lower Planetary Head (IP53)

Item #	Part #	Description
1.	AR140-31	Upper Rim Pinion
2.	AR140-32	Lower Rim Pinion
3.	AR200-33.5Z	Bayonet Shaft Kit
4.	R100-2Z	Eccentric Head Kit
5.	R100-37	Spacer
6.	R100-96	Needle Bearing Kit
7.	R100-97	Bearing
8.	R100-101ZB	Needle Bearing Kit
9.	R100-209	Seal Ring
10.	R100-235	Washer
11.	STA2034	Key
12.	STA2039	Key
13.	STA3478	Retaining Ring
14.	STA3532	Retaining Ring
15.	STA6460	Dowel Pin
16.	W100-272	Meatl Head Cap
17.	STA5644	Screw
18.	STA5652	Screw
19.	STA6029	Washer
20.	STA6057	Lock Washer

AR200-2.25ZB
Lower Planetary Head Assembly
Item Numbers:
ERGO150-2, ERGO150-8

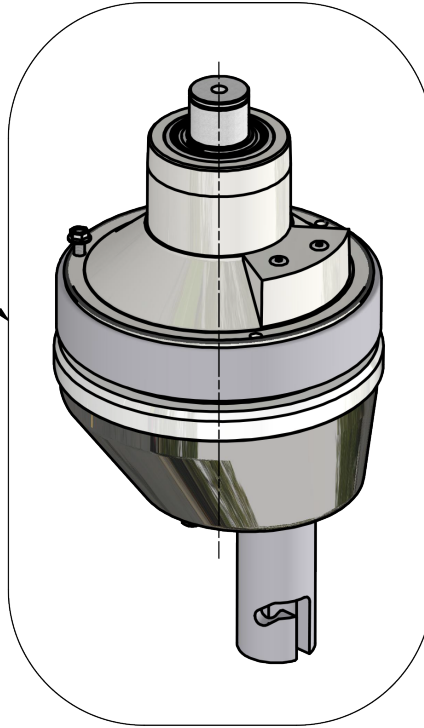


Planetary Head Assemblies (IP54)

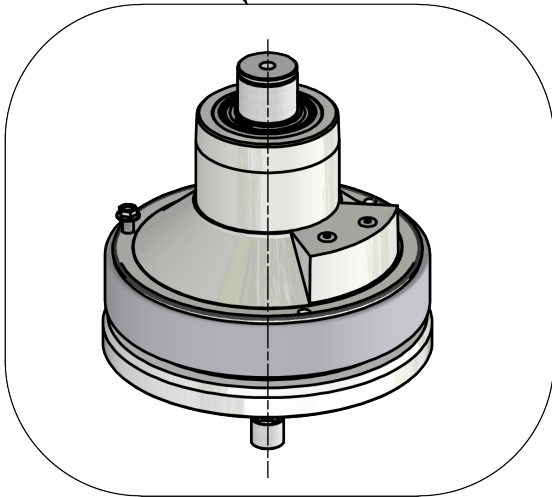
#	Description
AE140-2.23MV	Planet.head VL5 Waterproof
DE101-3.2MVZB	Planet.head, up.part Waterproof
AR200-2.25MVZB	Planet.head lower Waterproof
AR100-162ZB	Plastic cap, white

Item Numbers:
ERGO150-2IP54, ERGO150-8IP54

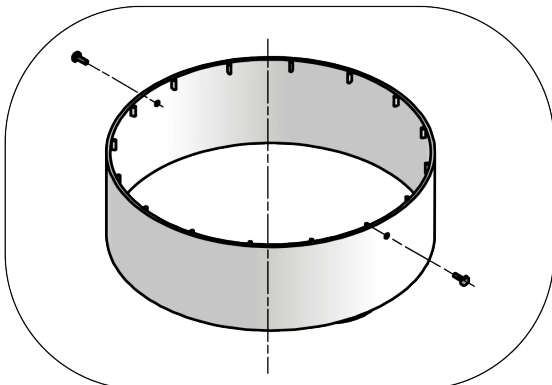
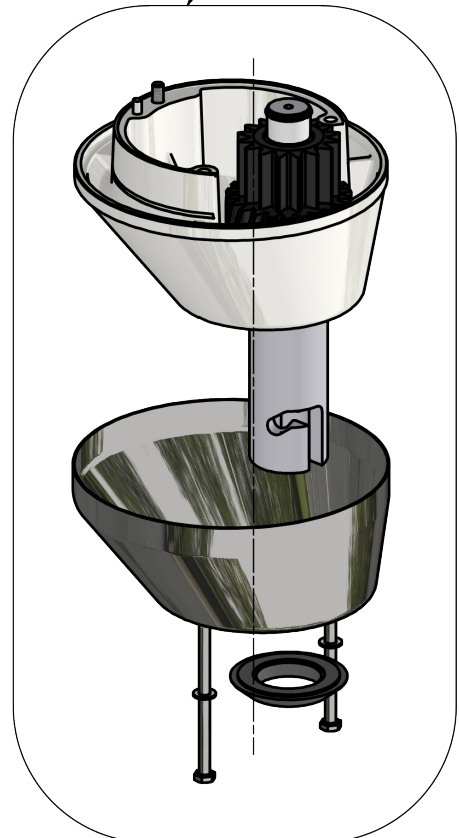
AE140-2.23MV



DE101-3.2MVZB



AR200-2.25MVZB

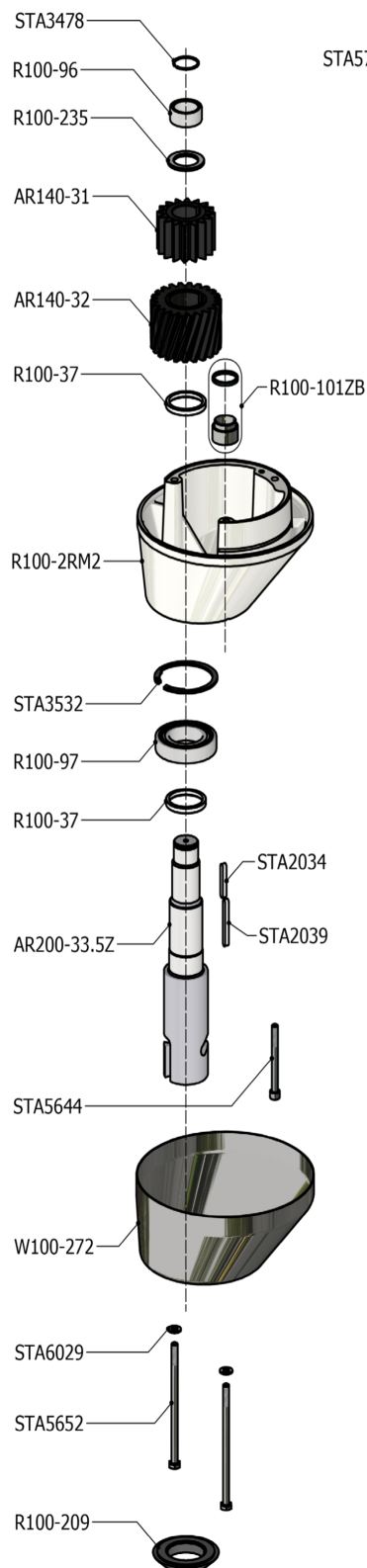


AR100-162ZB

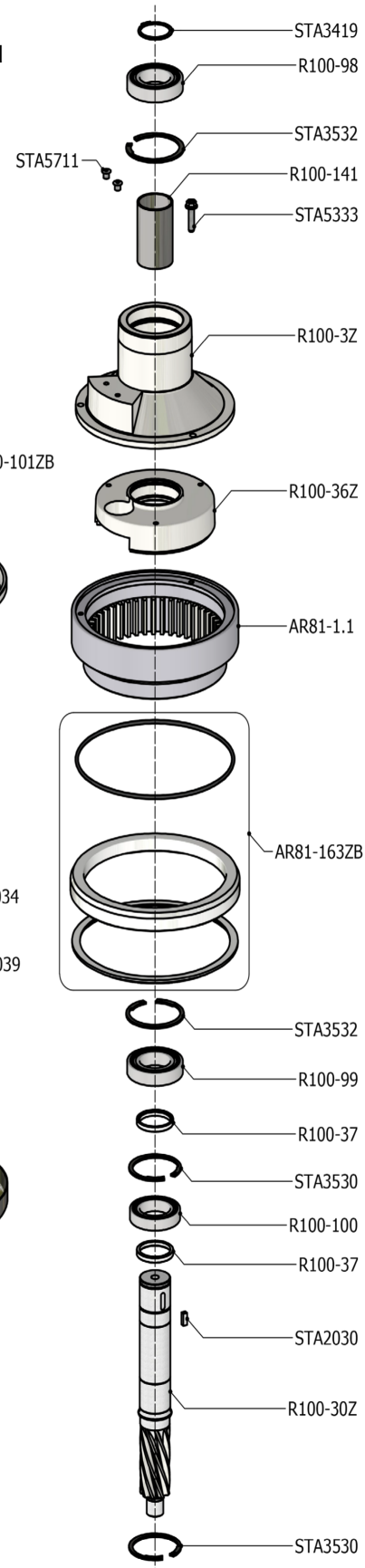
Planetary Head Assembly (IP54)

#	Description
AR81-1.1	Gear rim, watertight
R100-3Z	Main bearing
R100-30Z	Main shaft
R100-36Z	Eccentric disc
R100-37	Spacer ring
R100-96	Needle bearing
R100-98	Ball bearing
R100-99	Ball bearing
R100-100	Ball bearing
R100-101ZB	Inner ring
STA2030	Feather Key
STA3419	Circlip
STA3530	Circlip
R100-141	Spacer
STA3532	Circlip
STA5333	Hex flange bolt
STA5711	Socket head screw
STA6010	Washer
STA9003	Screw
AR140-31	Rim pinion
AR140-32	Rim pinion, lower
AR200-33.5Z	Bayonet shaft
R100-101ZB	Needle bearing
R100-209	Seal ring
R100-235	Axial bearing washer
R100-2RM2	Eccentric head W-proof
AR81-163ZB	Planet. head gasket set
R100-37	Spacer ring
R100-96	Inner ring
R100-97	Ball bearing
STA2034	Feather Key
STA2039	Feather Key
STA3478	Circlip
STA3532	Circlip
STA6460	Pin
W100-272	Planetary head screen
STA5644	Socket head screw
STA5652	Screw
STA6029	Washer
STA6057	Lock washer

Lower Planetary Head Exploded View



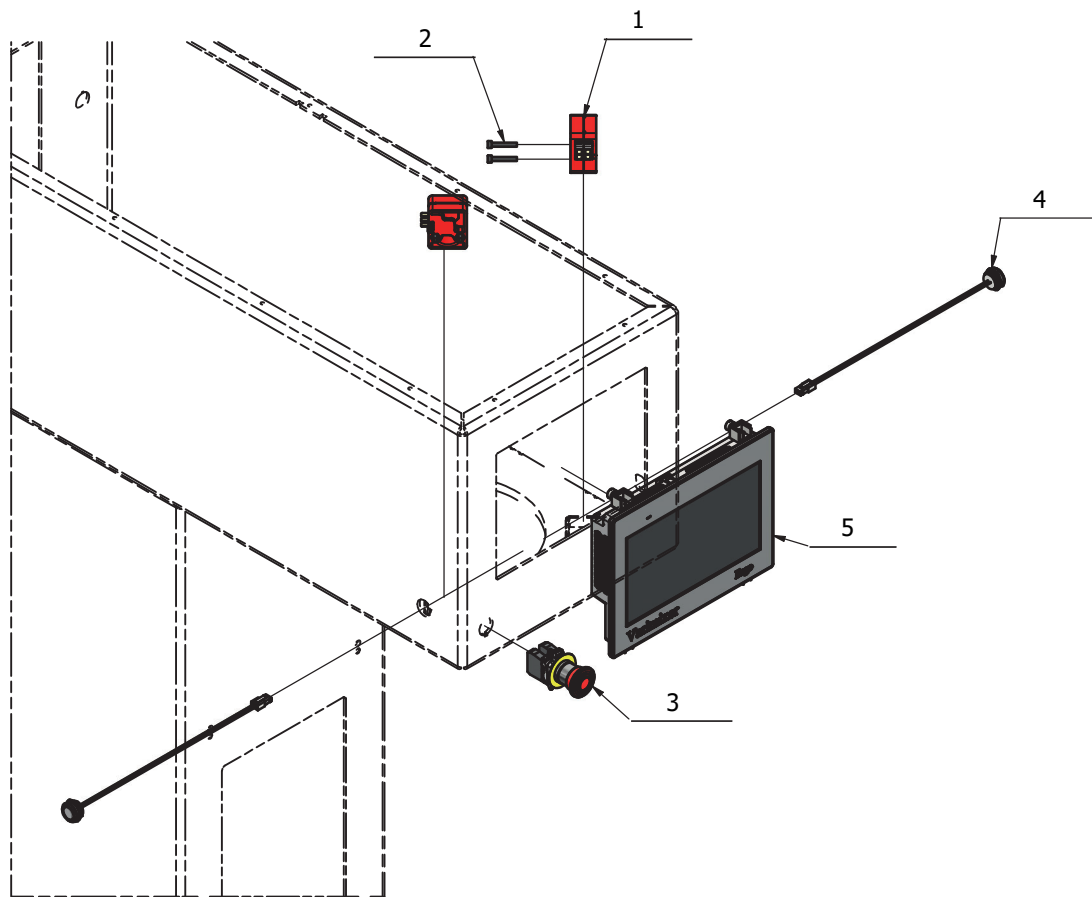
Upper Planetary Head Exploded View

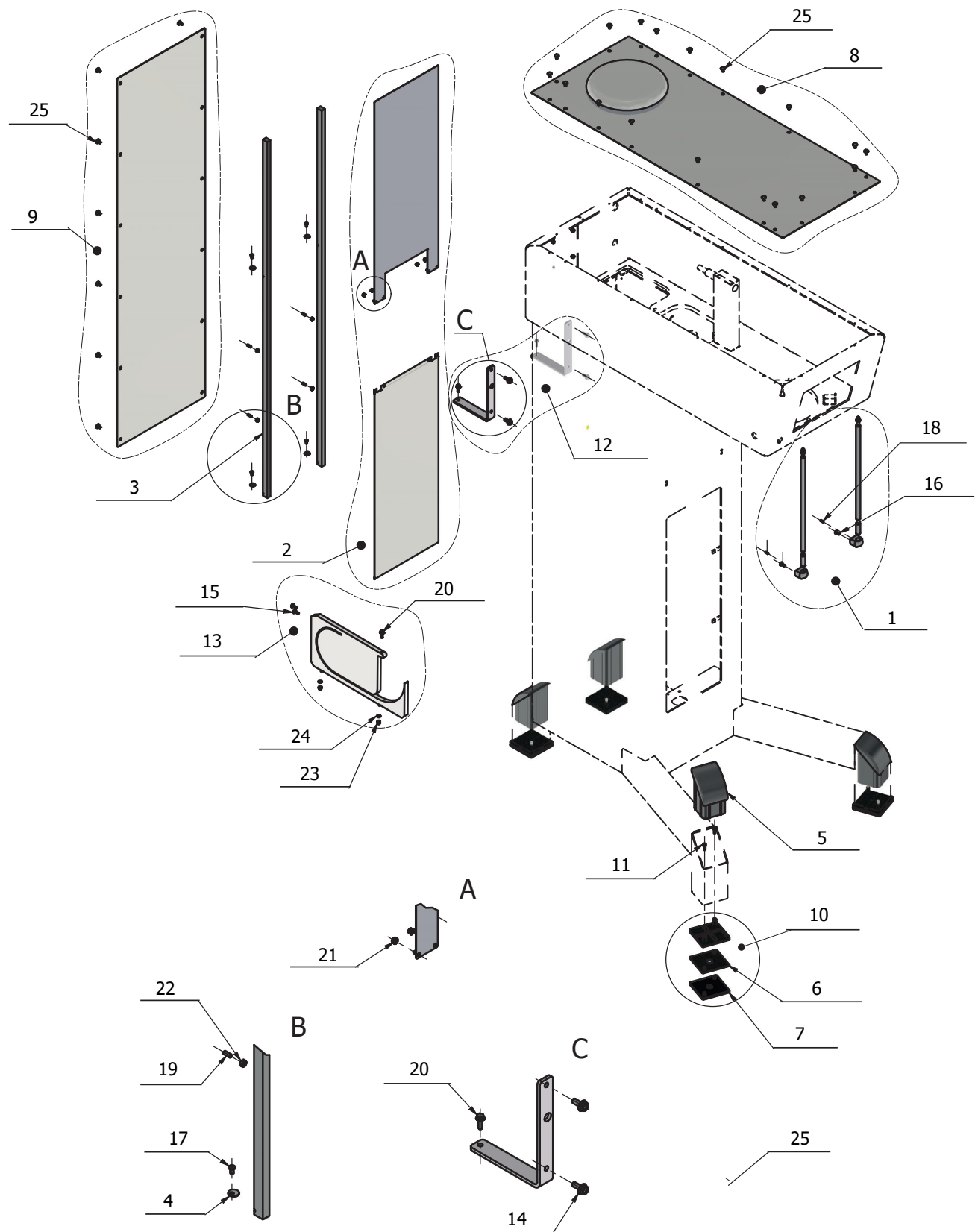


Item Numbers:
ERGO150-2IP54, ERGO150-8IP54

Control Panel

Item #	Part #	Description
1.	56CR10-111M	Bowl Detection Magnet
2.	STA5721	Screw
3.	AR31-174.5	Emergency Stop Kit
4.	DE61-176M	Bowl Lift Kit (2/SET)
5.	DE61-560ZB	Control Panel Assembly



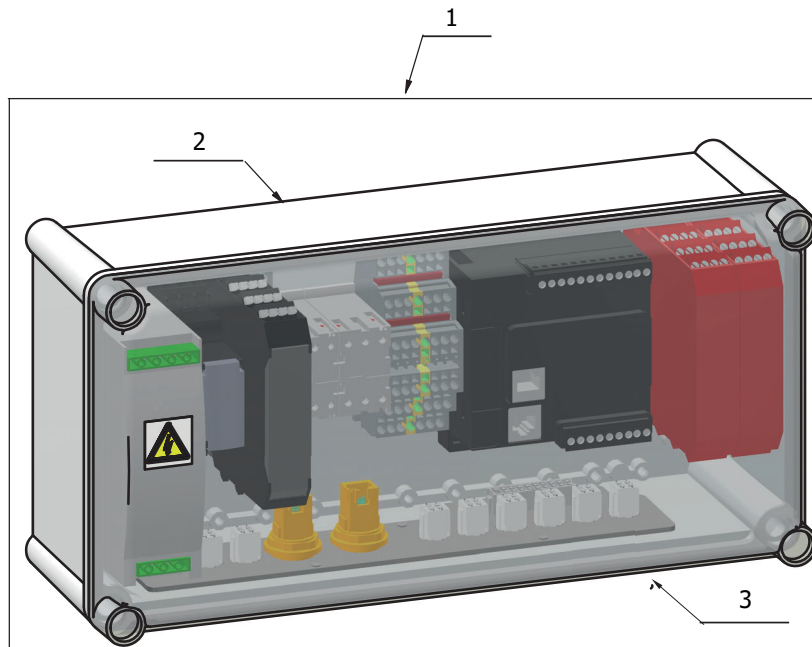


Machine Column

Item #	Part #	Description
1.	56AE140-25ZB	Bowl Guard Shaft Kit
2.	AE140-170ZB	Cover Plates Kit
3.	AE140-172.2	Guide Rail
4.	AE140-172.3	Washer
5.	AR80-212	Knee Pad
6.	AR80-214.3	Adjustment Plate (3MM)
7.	AR80-214.6	Adjustment Plate (6MM)
8.	DE141-21ZB	Top Cover Kit
9.	DE141-22.17ZB	Back Cover Kit
10.	AR80-213ZB	Foot & Adjustment Plate Kit
11.	STA5615	Screw
12.	DE141-151ZB	Control Box Bracket Kit
13.	DE141-172ZB	Guide Plate Kit
14.	STA5066	Flanged Bolt
15.	STA5085	Screw
16.	STA5624	Screw
17.	STA5689	Screw
18.	STA5724	Set Screw
19.	STA5725	Set Screw
20.	STA5756	Flanged Bolt
21.	STA5801	Nut
22.	STA5819	Hex Nut
23.	STA5839	Cap Nut
24.	STA6008	Washer
25.	STA9000	Special Screw

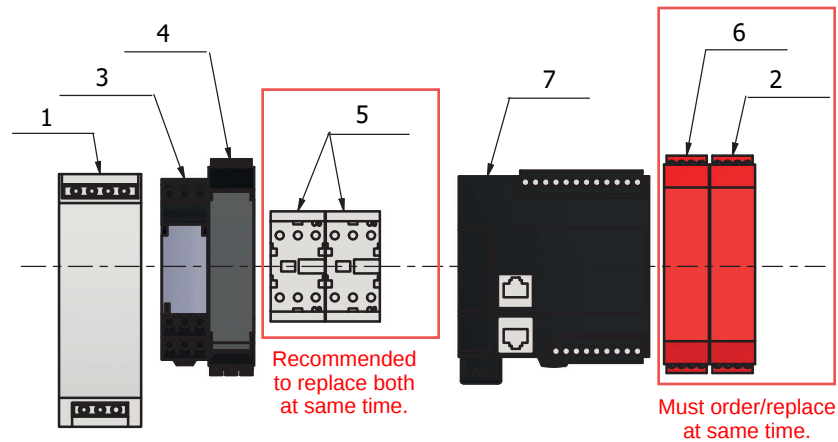
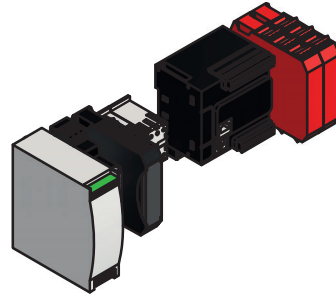
Control Box

Item #	Part #	Description
1.	08030-0555	Control Box Assembly
2.	DE61-418.1	Control Box
3.	DE61-418.2	Control Box Cover



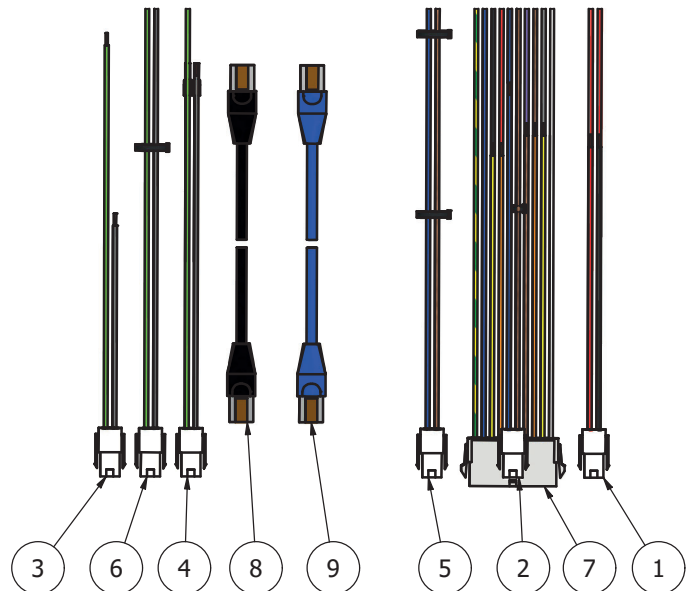
Control Box Components

Item #	Part #	Description
1.	CE61-414	Power Supply
2.	DE61-420.2	Safety Module
3.	DE61-420.3	Phase Monitoring Relay
4.	DE61-420.5	Reversing Starter
5.	DE61-420.6	Contactor
6.	DE61-420.7	Safety Controller
7.	DE61-470	Control Unit



Control Box Internal Cables

Item #	Part #	Description
1.	DE61-194.10M	CE Switch Cable
2.	DE61-194.11M	STO VFD Cable
3.	DE61-194.12M	Lift Motor Cable
4.	DE61-194.13M	Fan Cable
5.	DE61-194.15M	Bowl & Magnet Sensor Cable
6.	DE61-194.16M	VFD Supply Cable
7.	DE61-194.17M	Main Circuit/Safety Cable
8.	DE61-194.19	Control Panel Cable
9.	DE61-194.20	Motor Cable



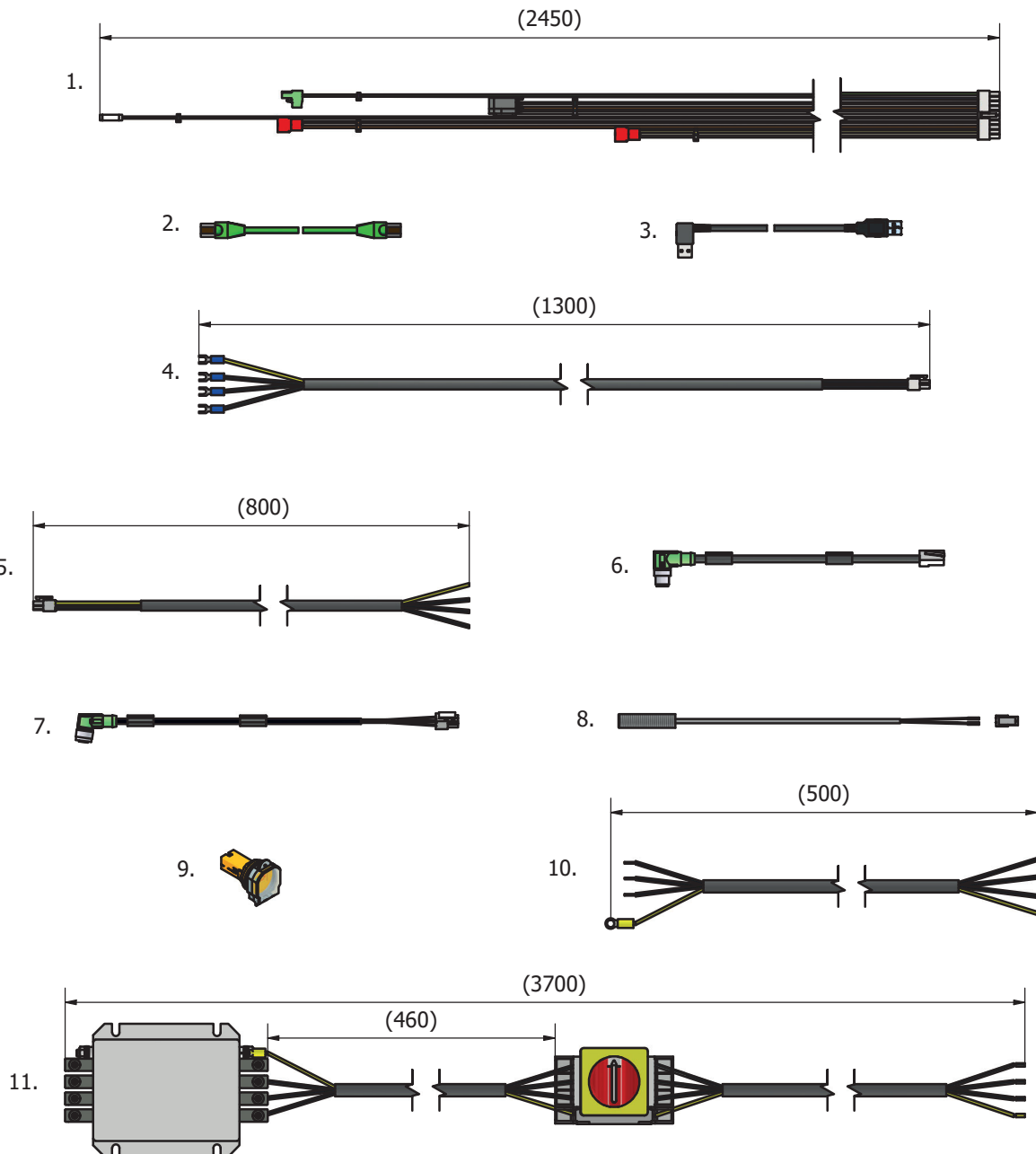
Cables

Item #	Part #	Description
1.	DE61-194.18M	Main Circuit/Safety Cable
2.	DE61-194.21	Control Panel Cable
3.	DE61-194.23	USB Cable
4.	DE61-194.24M	Lift Cable
5.	DE61-194.25M	Supply Box Cable
6.	DE61-194.27M	Motor Cable
7.	DE61-194.28M	STO Cable
8.	DE61-501ZB	Bowl Sensor Cable
9.	STA7259ZB	USB Port
*10.	WE141-194.31M	VFD Filter Cable 208-240V
*11.	WE141-194.26M	VFD Supply Cable 208-240V

DE141-194.26M - VFD Filter Cable, 480V (ERGO150-8 series)

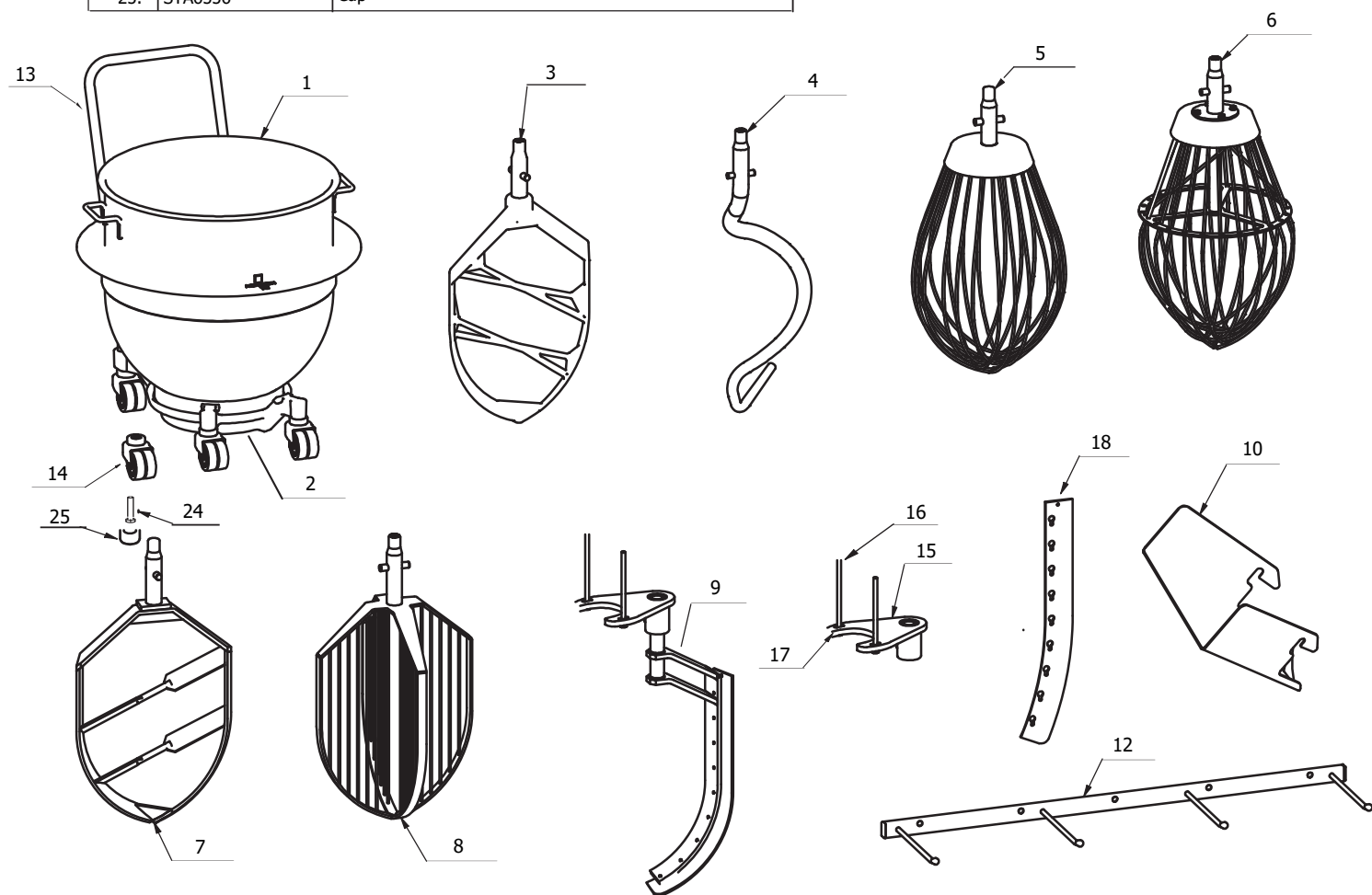
DE61-194.31M - VFD Supply Cable, 480V (ERGO150-8 series)

*For ERGO150-2 series



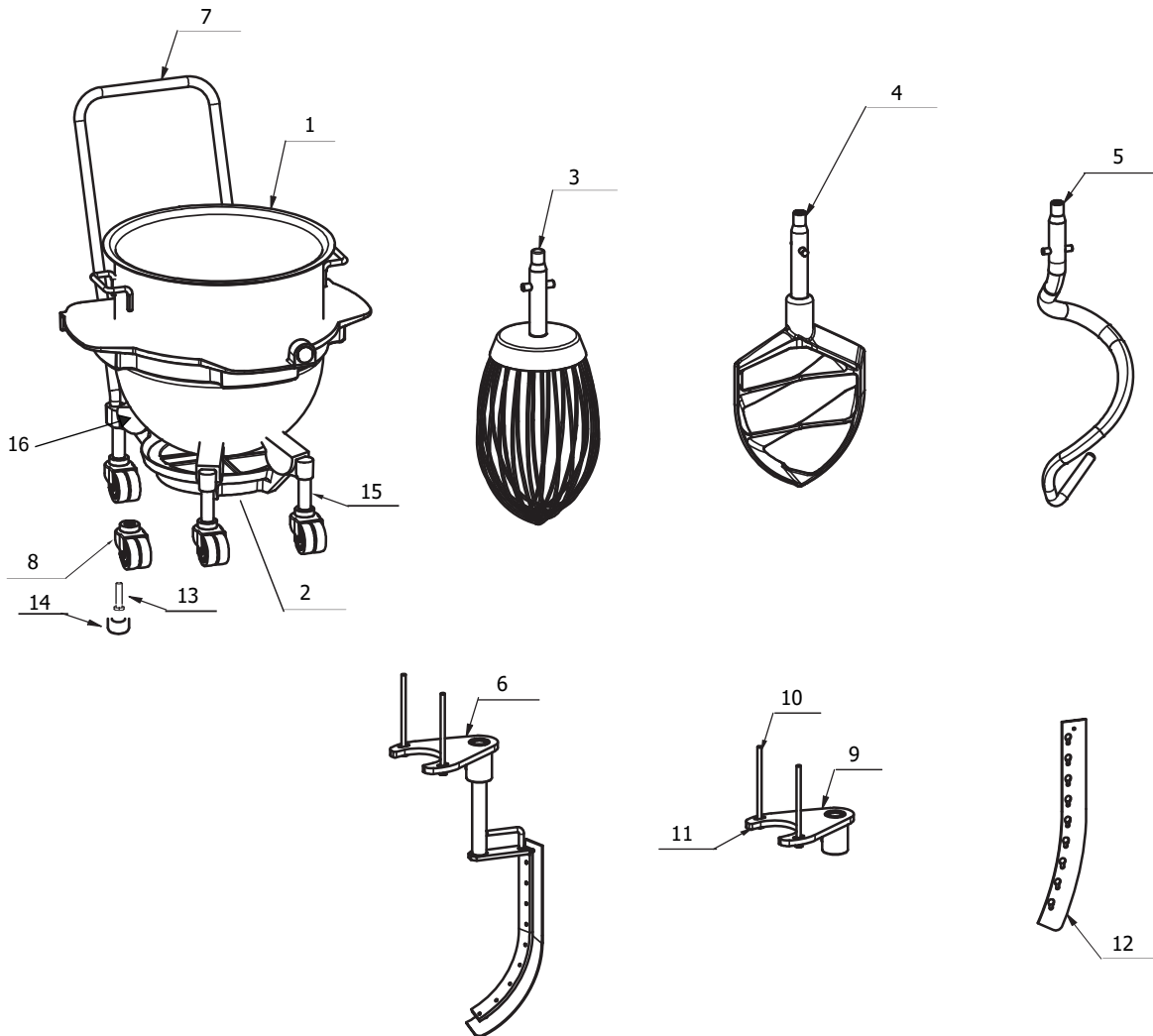
Accessories & Accessory Components

Item #	Part #	Description
1.	VBOWL-150-ERGO	SS Bowl
2.	VBTRUCK-150-ERGO	Bowl Truck
3.	VBEAT-150A2	Aluminum Beater
4.	VHOOK-150	SS Hook
5.	VWHIP-150	SS Whip
6.	VHDWHIP-150	Reinforced SS Whip
7.	VBEAT-150SS	SS Beater
8.	VWINGWHIP-150	SS Wing Whip
9.	VSCRIP-150	Bowl Scraper Kit
10.	VCHUTE	SS Ingredient Chute
11.	VBEAT-150-VRTCL	SS Vertical Beater(NOT SHOWN)
12.	VTORACK60-150	Tool Rack
13.	22R276	Handle
14.	22R150-520	Dual Wheel Caster
15.	42AR140-105	Scraper Holder
16.	STA5652	Screw
17.	STA6029	Washer
18.	42AR140-204F	Scraper Blade (5MM)
19.	VBOWL-150-ERGOBRKT	SS Bowl W/ Brackets (FOR MAXI LIFT/NOT SHOWN)
20.	VFSLGUARD-150-ERGO	Left Full Shield Bowl Guard (NOT SHOWN)
21.	VFSRGUARD-150-ERGO	Right Full Shield Bowl Guard (NOT SHOWN)
22.	VPSLGUARD-150-ERGO	Left Partial Shield Bowl Guard (NOT SHOWN)
23.	VPSRGUARD-150-ERGO	Right Partial Shield Bowl Guard (NOT SHOWN)
24.	STA5642	Screw
25.	STA6556	Cap



Downsize Accessories & Accessory Components

Item #	Part #	Description
1.	VBOWL80-150	SS Bowl
2.	VBTRUCK80-150	Bowl Truck
3.	VWHIP80-150	SS Whip
4.	VBEAT80-150	Aluminum Beater
5.	VHOOK80-150	SS Hook
6.	VSCR80-150	Bowl Scraper Kit
7.	22R276	Handle
8.	22R150-520	Dual Wheel Castor
9.	42AR140-105	Scraper Holder
10.	STA5652	Screw
11.	STA6029	Washer
12.	42AR80-204	Scraper Blade (3MM)
13.	STA5642	Screw
14.	STA6556	Cap
15.	22R140.5	Extension (105MM)
16.	W100-206	Bumpers





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