

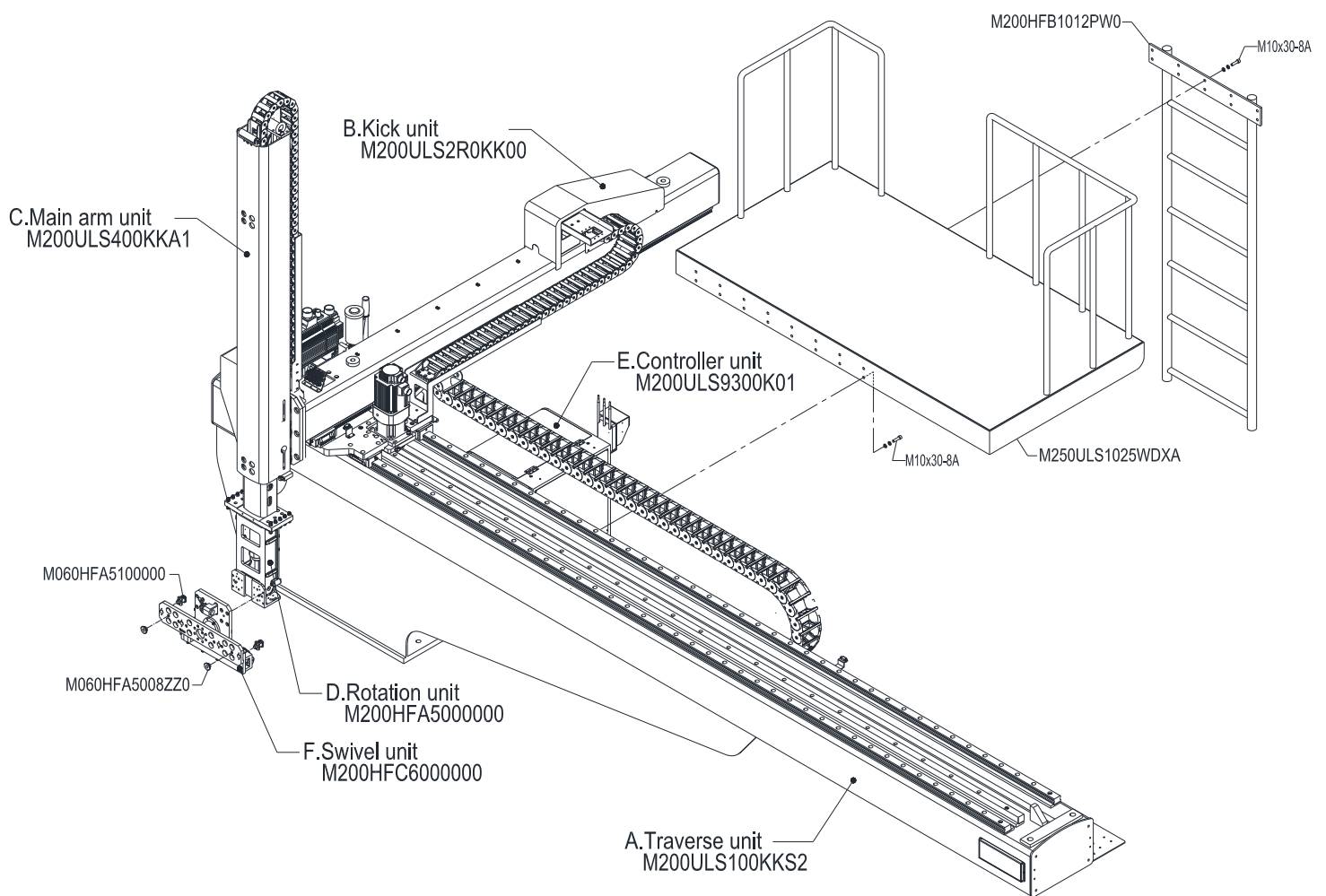
PARTS CATALOG

TAKE-OUT ROBOT

- EPIK-E-2500SW (M200ULS000KKS2)

Ver. 1.0

EPIK-E-2500SW (M200ULS000KKS2)

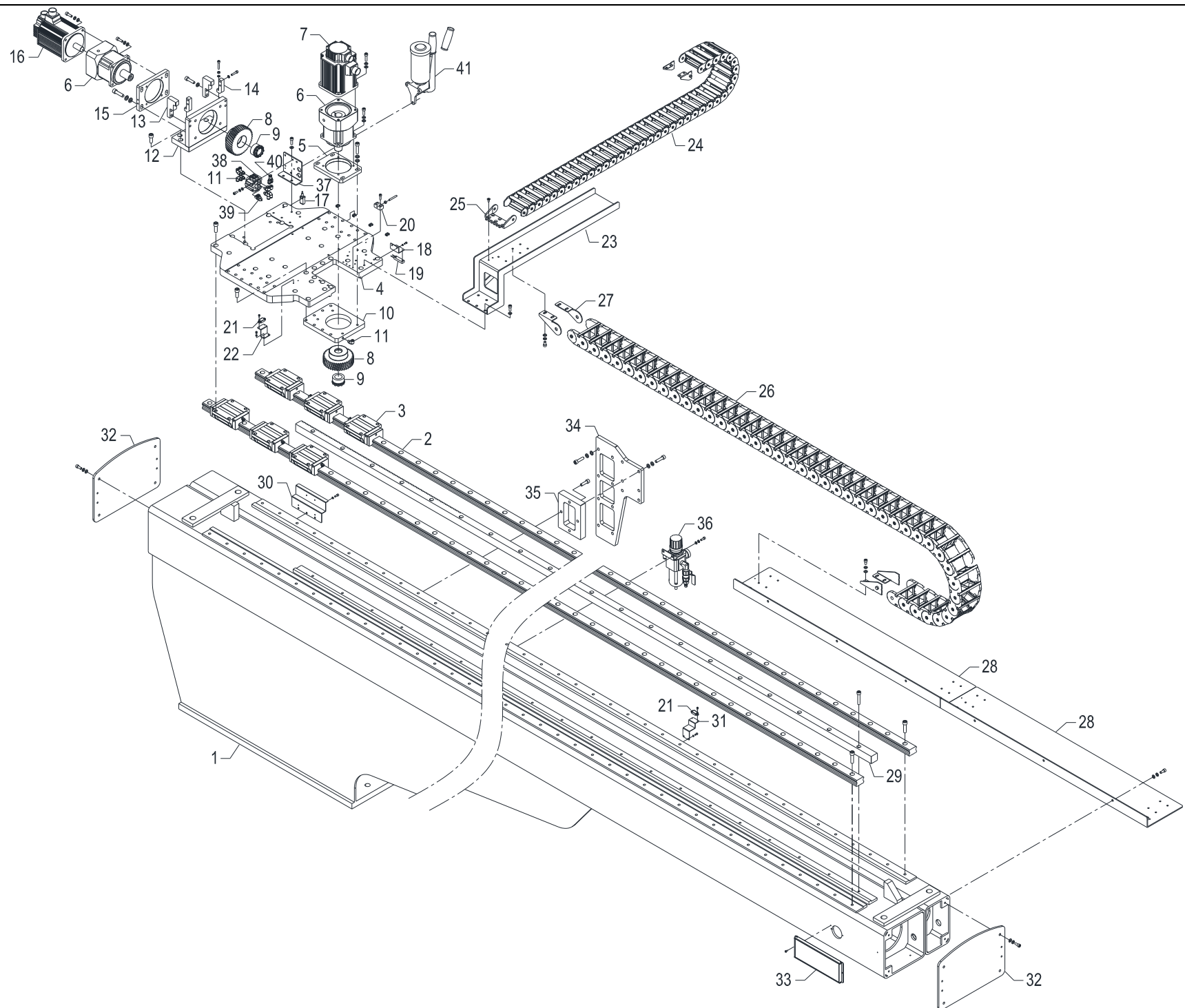


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A. Traverse unit (M200ULS100KKS2)



A. Traverse unit (M200ULS100KKS2)

No.	PARTS No.	PARTS NAME	Q'TY	REMARKS
A-1	M200ULS1001PWX	Frame	1	
A-2	PLMRSHS454795L	LM rail	2	
A-3	PLMBSHS45CKZ18	LM block	6	
A-4	M200ULA1003ZZ0	Slide base	1	
A-5	M200ULS1010ZZ0	Plate	1	
A-6	PRESAB15102KG20	Reducer	2	
A-7	PMTBEMJ20APA22	Servo motor	1	
A-8	M200ULS1008ZZ0	Helical gear	2	
A-9	PPLMMA32508888	Power lock	2	
A-10	M200ULS1007ZZ0	Plate	1	
A-11	PAXFEL06180888	Fitting	9	
A-12	M200ULS2006ZZ0	Plate	1	
A-13	M250ULB2039ZZ0	Plate	2	
A-14	M250ULA2014ZZ0	Plate	2	
A-15	M200ULS2024ZZ0	Plate	1	
A-16	PMTBEMJ15APA22	Servo motor	1	
A-17	PSSRHYP18S5NAF	Sensor	1	
A-18	M015MAB1017MC0	Bracket	1	
A-19	PSSMRS52SH8888	Magnet sensor	1	
A-20	M200JPB1012ZZ0	Plate	1	
A-21	PSSMRS52SHC888	Magnet	2	
A-22	M250ULA2018MC0	Bracket	1	
A-23	M250ULA2008ZZXA	Cableveyor Bracket	1	
A-24	PCVH4504B09588	Cableveyor link	36	
A-25	PCVE4504300088	Cableveyor end bracket	1	
A-26	PCVH070NB10088	Cableveyor link	42	
A-27	PCVE070NB10088	Cableveyor end bracket	1	
A-28	M200ULK1011ZZ0	Cableveyor plate	2	
A-29	M200ULB1050ZZ0	Helical rack	1	
A-30	M200HFA1021ZZ0	Bracket	1	
A-31	M200HFA1022MC0	Bracket	1	
A-32	M200JPB1030ZZ1	Cover	2	

[illegible]

This is a detailed exploded view diagram of a mechanical assembly, likely a linear actuator or a precision positioning stage. The diagram shows the following components and their assembly relationships:

- 1**: The main horizontal body or frame.
- 2**: A long, thin component, possibly a guide rail or a sensor strip, mounted along the bottom of the main body.
- 3**: A series of small, rectangular components mounted along the bottom edge of the main body.
- 4**: A small L-shaped bracket or support piece, shown in multiple locations for mounting various components.
- 5**: A small rectangular component, possibly a sensor or a connector, mounted on the side of the main body.
- 6**: A small rectangular component, possibly a sensor or a connector, mounted on the side of the main body.
- 7**: A small rectangular component, possibly a sensor or a connector, mounted on the side of the main body.
- 8**: A long, thin component, possibly a guide rail or a sensor strip, mounted along the top of the main body.
- 9**: A small rectangular component, possibly a sensor or a connector, mounted on the side of the main body.
- 10**: A small rectangular component, possibly a sensor or a connector, mounted on the side of the main body.
- 11**: A rectangular component, possibly a sensor or a connector, mounted on the side of the main body.
- 12**: A small rectangular component, possibly a sensor or a connector, mounted on the side of the main body.
- 13**: A small rectangular component, possibly a sensor or a connector, mounted on the side of the main body.
- 14**: A rectangular component, possibly a sensor or a connector, mounted on the side of the main body.
- 15**: A small rectangular component, possibly a sensor or a connector, mounted on the side of the main body.
- 16**: A small rectangular component, possibly a sensor or a connector, mounted on the side of the main body.
- 17**: A small rectangular component, possibly a sensor or a connector, mounted on the side of the main body.
- 18**: A small rectangular component, possibly a sensor or a connector, mounted on the side of the main body.
- 19**: A small rectangular component, possibly a sensor or a connector, mounted on the side of the main body.
- 20**: A small rectangular component, possibly a sensor or a connector, mounted on the side of the main body.
- 21**: A large, rectangular component, possibly a motor or a power supply, mounted at the bottom of the main body.
- 22**: A small rectangular component, possibly a sensor or a connector, mounted on the side of the main body.
- 23**: A small rectangular component, possibly a sensor or a connector, mounted on the side of the main body.
- 24**: A small rectangular component, possibly a sensor or a connector, mounted on the side of the main body.
- 25**: A small rectangular component, possibly a sensor or a connector, mounted on the side of the main body.
- 26**: A small rectangular component, possibly a sensor or a connector, mounted on the side of the main body.
- 27**: A small rectangular component, possibly a sensor or a connector, mounted on the side of the main body.

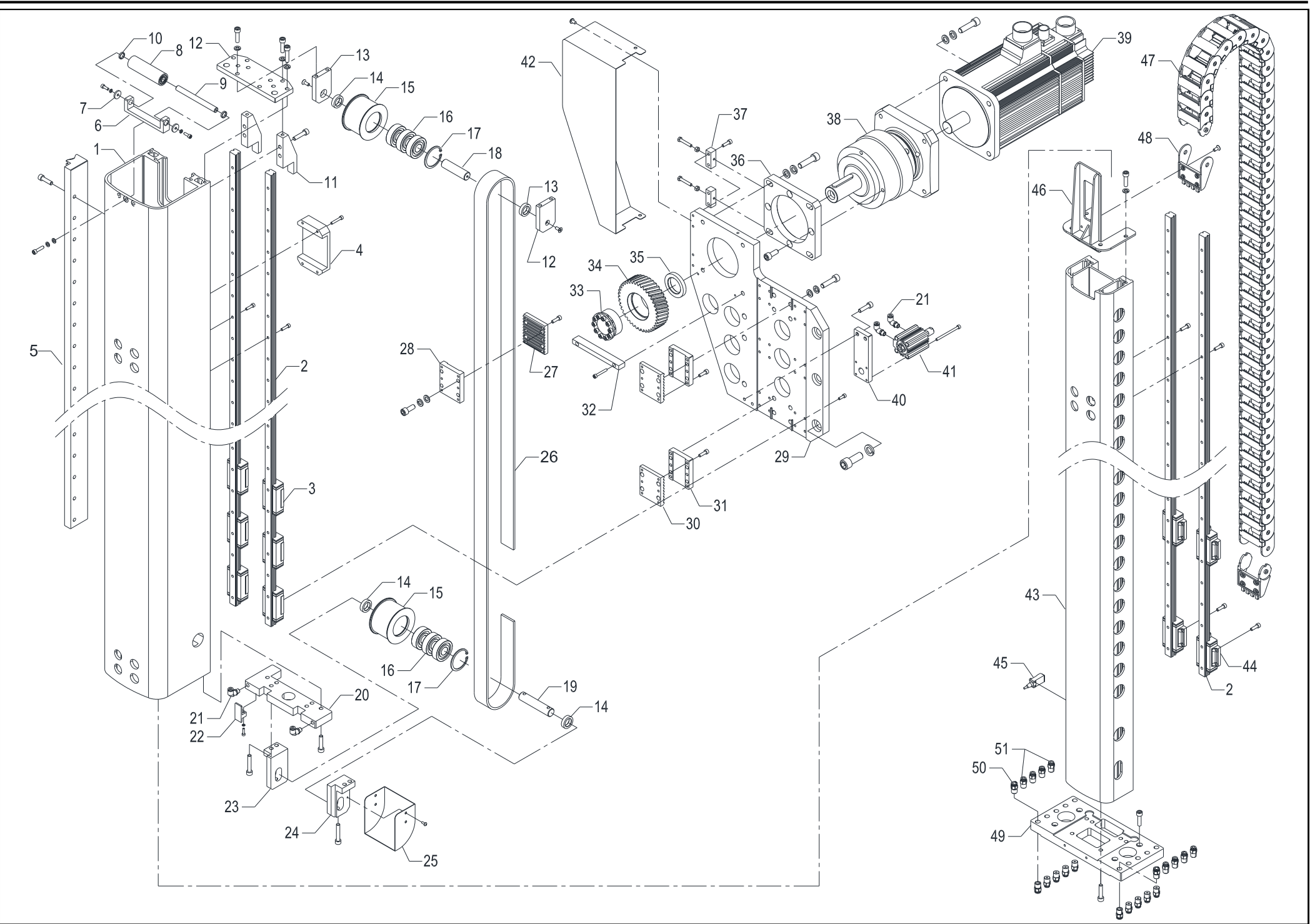
The diagram uses dashed lines to indicate the assembly path and alignment of the components. The components are numbered 1 through 27, with some numbers appearing multiple times to indicate identical parts.

B. Kick unit (M200ULS2R0KK00)

No.	PARTS No.	PARTS NAME	Q'TY	REMARKS
B-1	M200ULS2001PW0	Frame	1	
B-2	PLMRSHS352600L	LM rail	2	
B-3	PLMBSHS35CKZ18	LM block	6	
B-4	M250ULB2016TH0	Guide plate	4	
B-5	M035HAA5012ZZ0	Pin	4	
B-6	M130MAA2011ZZ0	Stopper	2	
B-7	M200ULA2020ZZ0	Joint key	2	
B-8	M200ULS2050ZZXA	Helical rack	1	
B-9	M015MAB1017MC0	Bracket	1	
B-10	PSSMRS52SH8888	Sensor	1	
B-11	M200ULA2012ZZ0	Cableveyor Bracket	1	
B-12	M040FFA2038ZZ0	Plate	1	
B-13	PBDCIFKEBA8888	Board	1	
B-14	M200ULA2009ZZ0	Cover	1	
B-15	M200ULS2100000	Solenoid valve unit	1	
B-16	PAXVAV020HS888	Vacuum pump	1	
B-17	PAXFEL08140888	Fitting	1	
B-18	PAXFDOUBLEPT38	Fitting	1	
B-19	PAXVAF06888888	Vacuum air filter	1	
B-20	PAXFEL08380888	Fitting	1	
B-21	M200ULA2013ZZ0	Solenoid cover	1	
B-22	M200ULA2038ZZ0	Plate	1	
B-23	PAXFPMM0688888	Fitting	10	
B-24	PAXFPMM0888888	Fitting	1	
B-25	M200ULA4028ZZ0	Cableveyor Bracket	1	
B-26	M130HFA4046ZZ0	Plate	1	
B-27	M200ULA2034ZZ0	Cover	4	

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C. Main_Arm unit (M200ULS400KKA1)

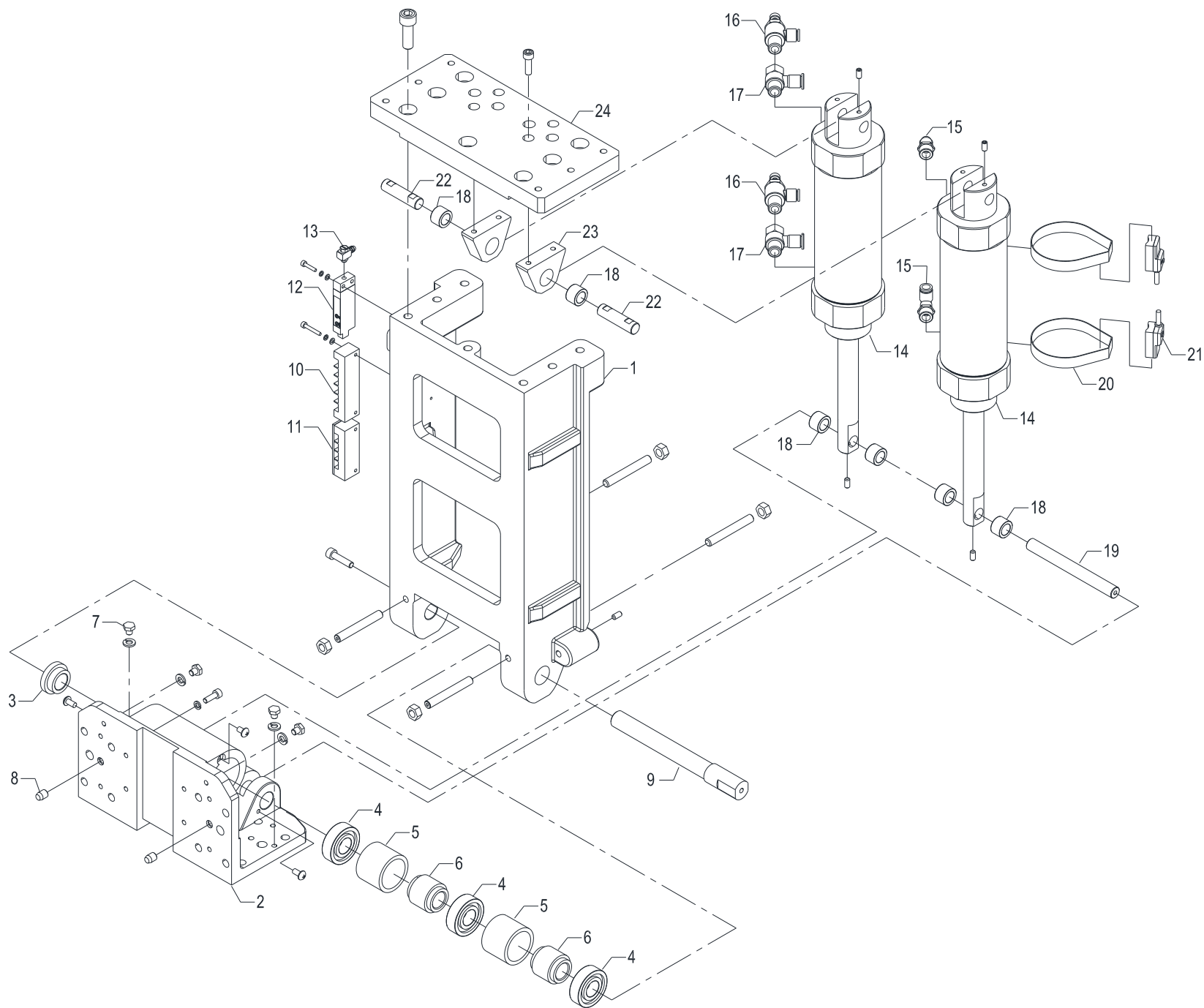


C. Main_Arm unit (M200ULS400KKA1)

No.	PARTS No.	PARTS NAME	Q'TY	REMARKS
C-1	M200ULS4002MCXA	File	1	
C-2	PLMRSHS201780L	LM rail	4	
C-3	PLMBSHS20VKZ18	LM block	6	
C-4	M130HFA4048MC0	Gripper block	1	
C-5	M200ULS4020ZZ0	Helical rack	1	
C-6	M200ULS4056ZZ0	Roller block	1	
C-7	M080HFB6013ZZ0	Collar	2	
C-8	PBRORLA3012100	Roller	1	
C-9	M200ULS4057ZZ0	Pin	1	
C-10	MS55TW45006ZB0	Collar	2	
C-11	M130HFA4031ZZ0	Block	2	
C-12	M200ULA4004ZZ0	Plate	1	
C-13	M130MAA4005ZZ0	Pulley block	2	
C-14	M130HFA4039ZZ0	Collar	4	
C-15	M130HFA4007ZZ0	Idle roller	2	
C-16	PBRA6304ZZ8888	Bearing	6	
C-17	PRGH052H888888	Snap ring	2	
C-18	M130HFA4006ZZ0	Roller shaft	1	
C-19	M130HFA4026ZZ0	Roller shaft	1	
C-20	M200ULA4008ZZ0	Plate	1	
C-21	PAXFEL06180888	Fitting	4	
C-22	M130HFA4040ZZ0	Plate	1	
C-23	M130MAA4010ZZ0	Block	1	
C-24	M130MAA4011ZZ0	Block	1	
C-25	M130MAA4033ZZ0	Pulley cover	1	
C-26	PBLTU8M4088882	Timing belt	3912	
C-27	M200ULA4015MC0	Gripper	1	
C-28	M200ULA4013ZZ0	Belt gripper	1	
C-29	M200ULS4001MC1	Plate	1	
C-30	M200ULA4014MC0	Gripper	2	
C-31	M200ULA4012ZZ0	Belt Gripper	2	
C-32	M200ULA4022ZZ0	Block	1	

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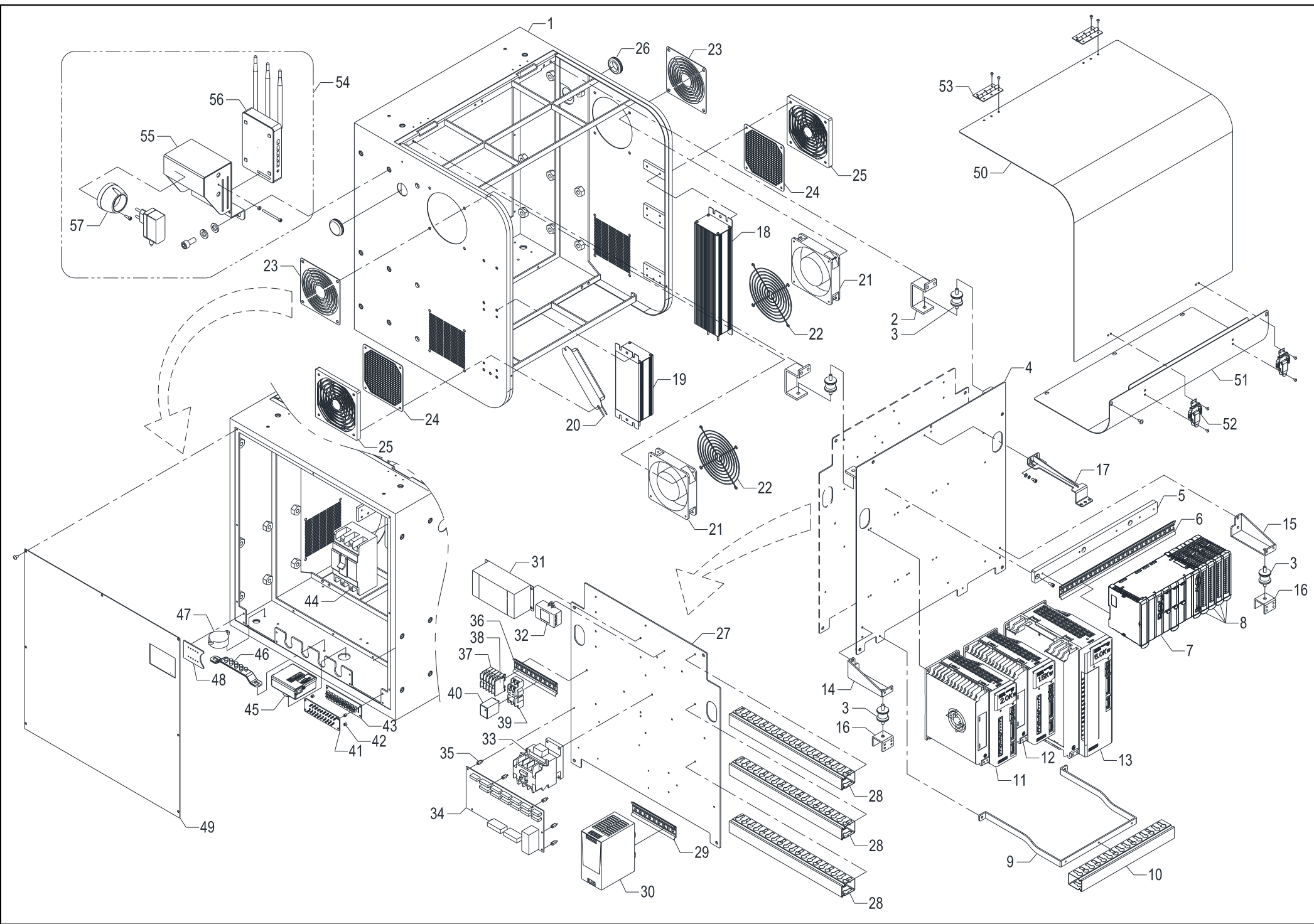
D. Rotation unit (M200HFA5000000)



D. Rotation unit (M200HFA5000000)

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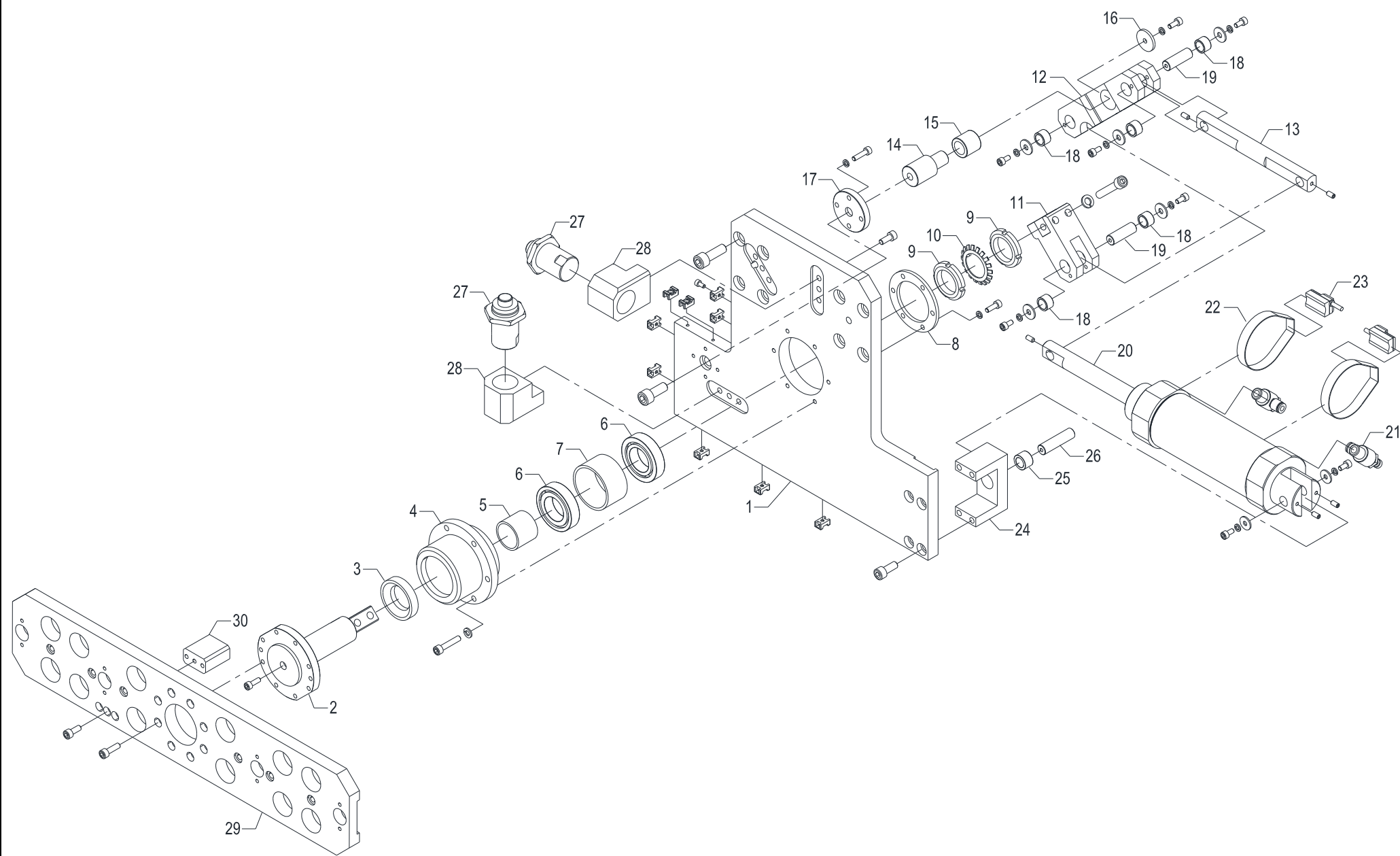
E. Controller unit (M200ULS9300K01)



E. Controller unit (M200ULS9300K01)

No.	PARTS No.	PARTS NAME	Q'TY	REMARKS	No.	PARTS No.	PARTS NAME	Q'TY	REMARKS
E-1	M200ULS9002ZZXA	Box	1		E-33	PNSEGM3288888	Contactor	1	
E-2	M020HFA9004ZZ0	Controller bracket	2		E-34	PBDINTKEBAV201	Board	1	
E-3	PMXK25M6888888	Antivibration gels	4		E-35	PEXSFM31005888	Support	7	
E-4	M200ULS9003ZZ1	Plate	1		E-36	M020KKA9026MC0	Terminal channel	1	
E-5	M080JPE9020ZZ0	Base	1		E-37	PTLD0600015288	Terminal	5	
E-6	M020KKA9020MC1	Terminal channel	1		E-38	PTLD0600015888	Separator	1	
E-7	PBDKBBCPUCP232Z	CPU set(Central processor module)	1		E-39	PRLKLY28888888	Relay socket	1	
E-8	PBDIOMODDM276A	I/O modules	4		E-40	PRLALY2N1DC248	Relay	1	
E-9	M030SBA9009ZZ0	Controller bracket	1		E-41	M020KKA9023MC0	Plate	1	
E-10	M030SBA9026MC0	Duct-30	1		E-42	PEXSFM30588888	Support	4	
E-11	PMTXPNE20A8888	Servo drive	1		E-43	PBDCLEDKEBA888	Board	1	
E-12	PMTXPNE15A8888	Servo drive	1		E-44	PNSCABS33B2088	Circuit brake	1	
E-13	PMTXPNE50A8888	Servo drive	1		E-45	PEXJTBOXJB001A	Ketop handheld terminals	1	
E-14	M020KFE9005ZZ0	Controller bracket	1		E-46	PEXELEBAR14588	Earth Bar	1	
E-15	M020KFE9006ZZ0	Controller bracket	1		E-47	ES55TW4610060E	Buzzer	1	
E-16	M020HFA9007ZZ0	Controller bracket	2		E-48	M020KKA9032ZZ0	Cover	1	
E-17	M080JPE9015ZZ0	Controller bracket	1		E-49	M200ULS9012ZZ1	Cover	1	
E-18	PEXRS800W10K88	Regenerative resistor	1		E-50	M200ULS9013ZZ1	Cover	1	
E-19	PEXRS300W25K88	Regenerative resistor	1		E-51	M030SBB9014ZZ1	Cover	1	
E-20	PEXRS040W30K88	Regenerative resistor	1		E-52	PMXBY117888888	Hook	2	
E-21	PEXFSJ1238HA28	Fan	2		E-53	PMXBYHS1560888	Hinge	2	
E-22	PEXFS105105888	Fan cover	2		E-54	MXCTKB70000000	Board	1	
E-23	PEXFSJ12COVER8	Fan cover	2		E-55	M020KFG7003ZZ1	Cover	1	
E-24	PEXFFILTER120S	Filter	2		E-56	PNN704BCM88888	Access point	1	
E-25	PEXFFILTER102F	Filter	2		E-57	PN1HCON8888888	Concent	1	
E-26	PMXCAPRUBPAK30	Cap	2						
E-27	M200ULS9010ZZ1	Plate	1	PR0-ECO-240W-24V-10A					
E-28	M020KKA9025MC2	Duct-30	3	동일기연, ES1-T10					
E-29	M020KKA9021MC1	Terminal channel	1	LS산전, 동광계전 MC-32b					
E-30	PSMPPRO1202405	Power supply	1						
E-31	PFTWYFT20T1A8	Noise filter	1						
E-32	PFTWYFS03TM88	Noise filter	1	KACON, KLY2					

F. Swivel unit (M200HFC6000000)



F. Swivel unit (M200HFC6000000)

No.	PARTS No.	PARTS NAME	Q'TY	REMARKS	No.	PARTS No.	PARTS NAME	Q'TY	REMARKS
F-1	M130HFC6001ZZ0	Plate	1						
F-2	M200HFB6003ZZ0	Shaft	1						
F-3	M200HFB6007ZZ0	Collar	1						
F-4	M200HFB6002ZZ0	Joint	1						
F-5	M200HFB6005ZZ0	Collar	1						
F-6	PBRA7006A88888	Bearing	2	7006A					
F-7	M200HFB6004ZZ0	Collar	1						
F-8	M200HFB6014ZZ0	Collar	1						
F-9	PNTBAN06888888	Lock nut	2						
F-10	PWSBAW06888888	Lock washer	1						
F-11	M200HFB6009ZZ0	Block	1						
F-12	M130HFA6006ZZ0	Joint	1						
F-13	M200HFB6012ZZ0	Link	1						
F-14	M200HFB6010ZZ0	Shaft	1						
F-15	PBRNHMK1420888	Bearing	1	HMK1420					
F-16	M200HFB6013ZZ0	Collar	1						
F-17	M130HFC6019ZZ0	Block	1						
F-18	PBRNFJ1210ZZ88	Roller bearing	6	FJ-1210					
F-19	M200HFB6011ZZ0	Pin	3						
F-20	PAXA3593300988	Cylinder	1	DSAS-63-90-PPV-A-SA35933KR					
F-21	PAXFESC0614888	Speed controller	2	ASC06PT14					
F-22	PSSO80BAND8888	Sensor band	2	호스BAND(80,3")					
F-23	PSSOROSW888888	Sensor	2	RO(AP)					
F-24	M200HFB6008ZZ0	Block	1						
F-25	PBRNFJH1212ZZ8	Roller bearing	1	FJH-1212					
F-26	M130HFA5009ZZ0	Linear shaft	1						
F-27	PSARBQSC300988	Shock absorber	2	SMC,RBQC3009					
F-28	M200HFB6018ZZ0	Plate	2						
F-29	M200HFB6017ZZ0	Plate	1						
F-30	M200HFB6015ZZ0	Joint	1						

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