



Annex

4-Post Alignment Lift

SM40,SM40NB,MOT40NB,SM40LT

Table of Contents

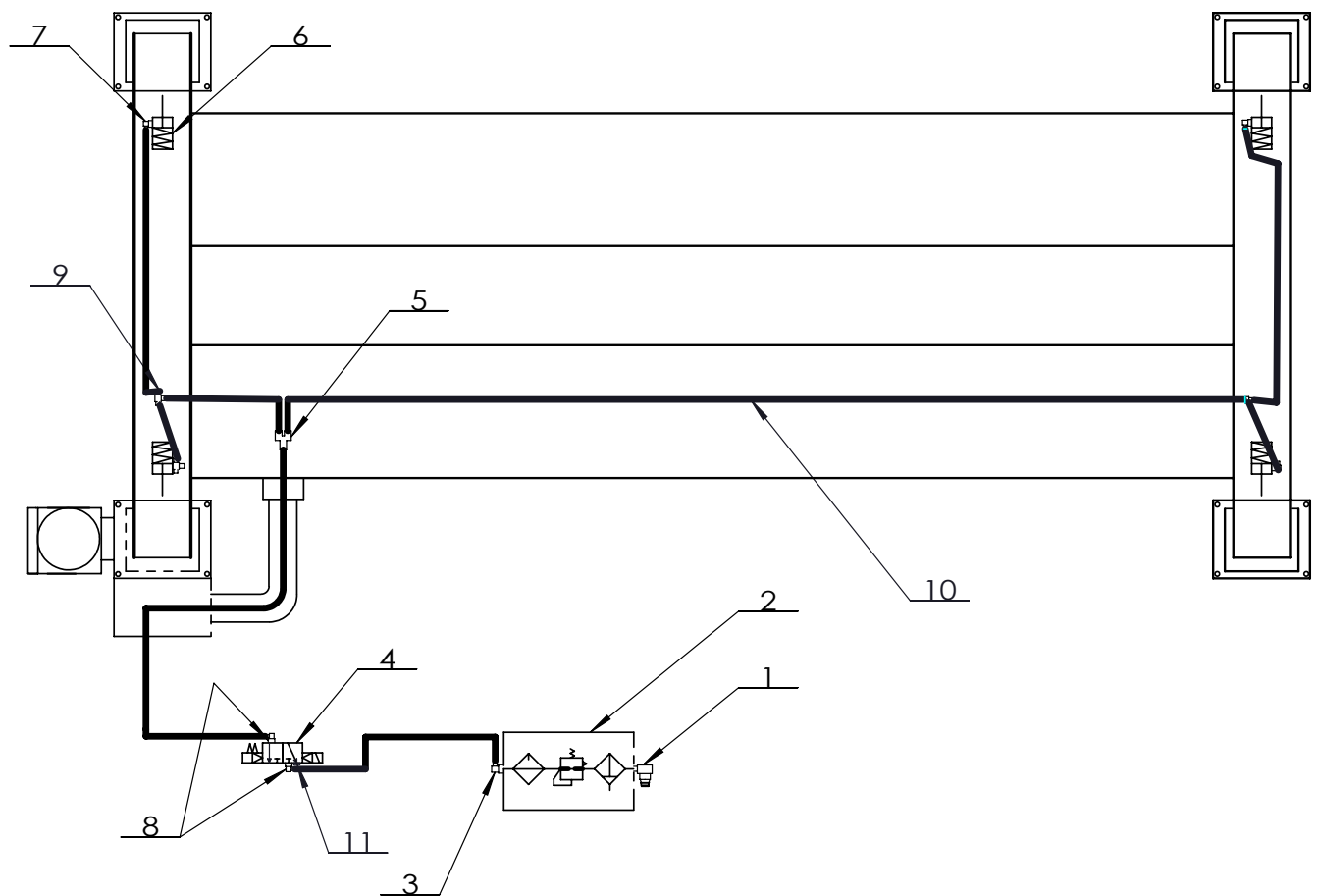
Pneumatic circuit diagram.....	2
Electric wiring diagram	5
Hydraulic circuit diagram	8
Parts break down.....	12
Spare parts list	48

For SM40-47/51,SM40NB-47,SM40LT-47,MOT40NB-47

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Item	PartNo.	Description	Oty	Remark
1	EPL8-N02	Air fitting	1	
2	S130080	Air maintenance	1	
3	EPL6-N02	Air Fitting	1	
4	3V210-06AC24V	Exchange valve	2	
5	PSV-01	Silencer	2	
6	SPE-6	Air Fitting	3	
7	SPY-6	Air Fitting	3	
8	EPL6-N01	Fitting	4	
9	S130061	Air cylinder	4	
10	QG05-9100	Air cylinder	2	
11	SPL6-01	Air fitting	4	
12	SPL6-M5	Air fitting	2	
13	SPL6-02	Fitting	1	
14	SM40-9801-2	Air line (L=15000mm)	1	for one lift
15		Blue PU Air line (L=10000mm)	1	for one lift

2.The Pneumatic circuit diagram for SM40/SM40NB/MOT40NB

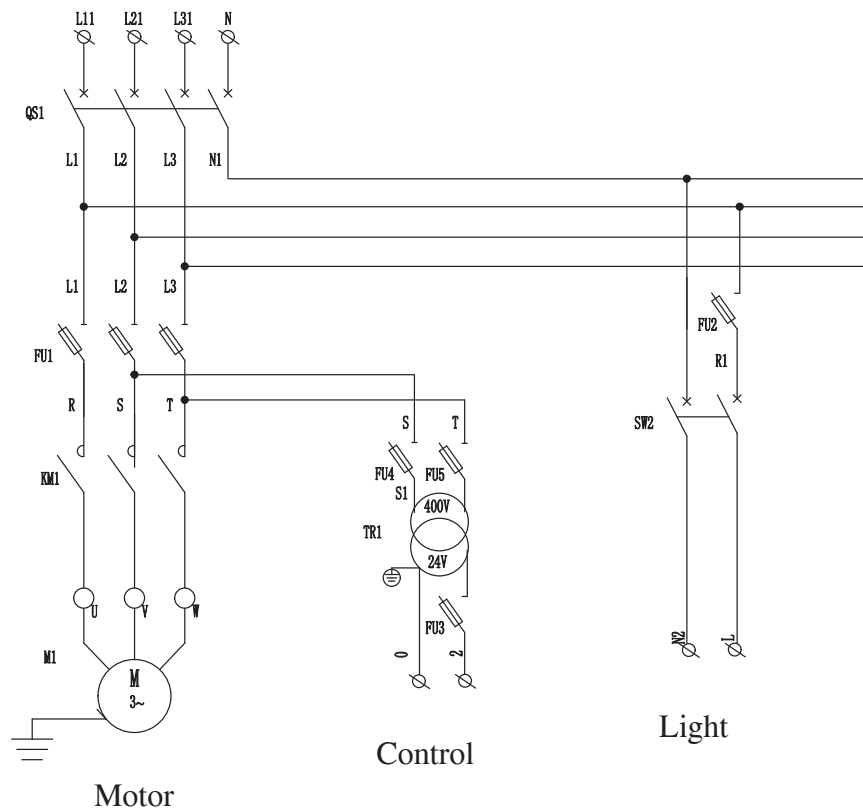


Item	PartNo.	Description	Oty	Remark
1	EPL8-N02	Air fitting	1	
2	S130080	Air maintenance	1	
3	EPL6-N02	Air Fitting	1	
4	3V210-06AC24V	Exchange valve	1	
5	SPE-6	Fitting	3	
6	S130061	Air cylinder	4	
7	EPL6-N01	Fitting	4	
8	SPL6-01	Air fitting	2	
9	SPY-6	Air fitting	2	
10	NSM40-9801-2	Air line(φ6) L=15000	1	for one lift
11	PSV-01	Silencer	1	

II. Electric wiring diagram

For SM40-47/51, SM40NB-47, SM40LT-47, MOT40NB-47

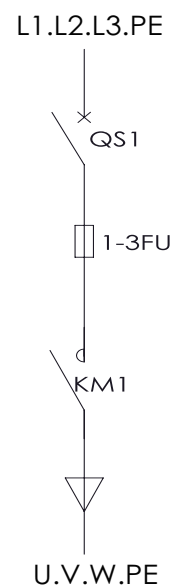
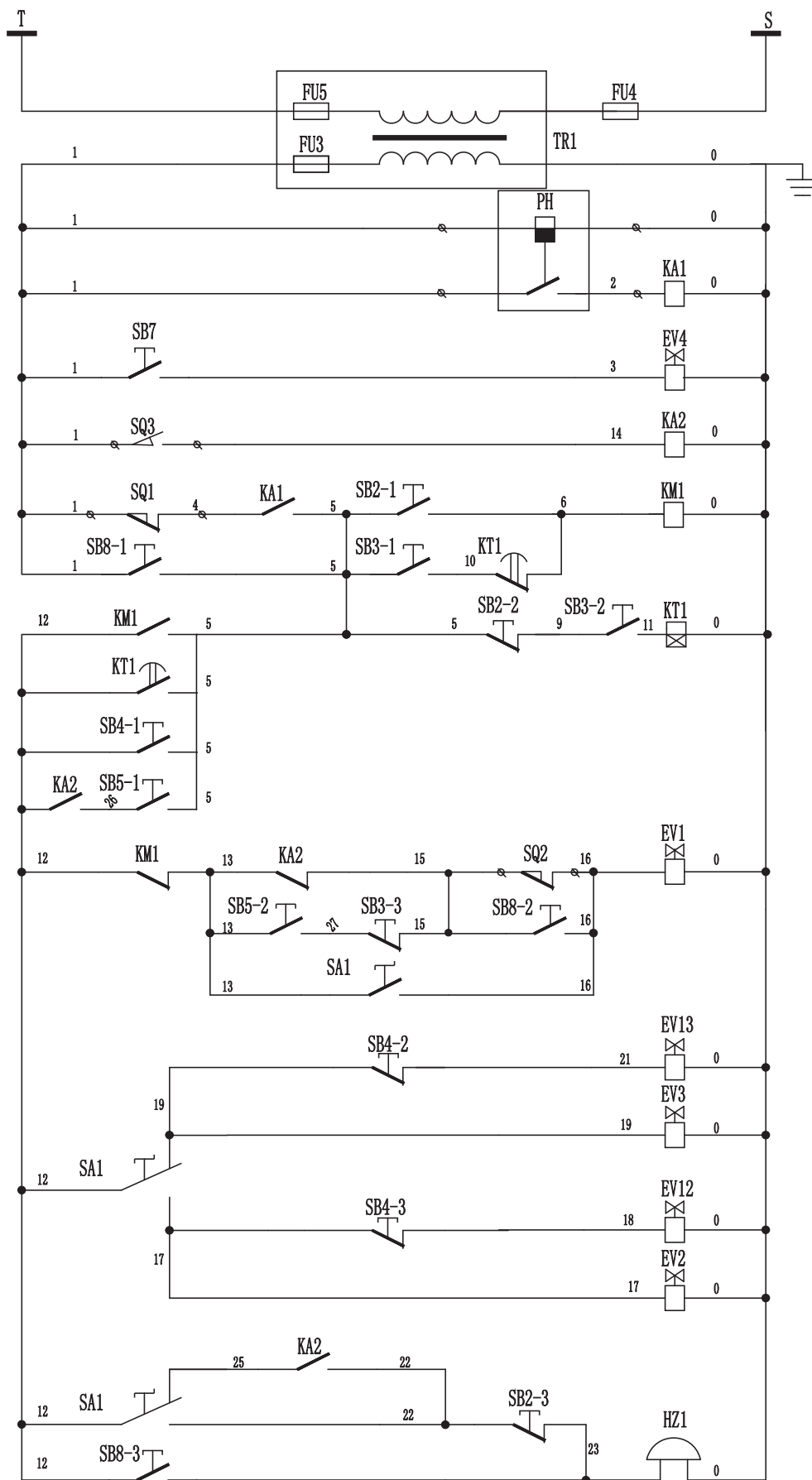
1. An Electric schematic diagram for SM40, MOT40 & SM40LT



2. Two Electric schematic diagram for SM40LT-47

Table for electrical components

SB7	Oil supplementary valve	FU1	Fuse 20A
SB2	Up button	FU2	Fuse 2A
SB3	Down button	FU3	Fuse 6A
SB4	Padlock button	KM1	Contactor
SB8	Emergency Button of help	QS1	Main switch
SB5	Final lowering button	SQ1	Broken cable switch
SA1	Selector switch aux/main	SQ2	Slack cable switch
KA1-KA3	Intermediate relay	SQ3	Low switch
KT1	Time relay	PH	Photoelectric switch
HZ1	Buzzer	EV1	Oil relief valve
EV2	Access valve /aux	EV12	Air valve /aux
EV3	Access valve /main	EV13	Air valve/main



3. Two Electric schematic diagram for SM40/SM40NB/MOT40NB

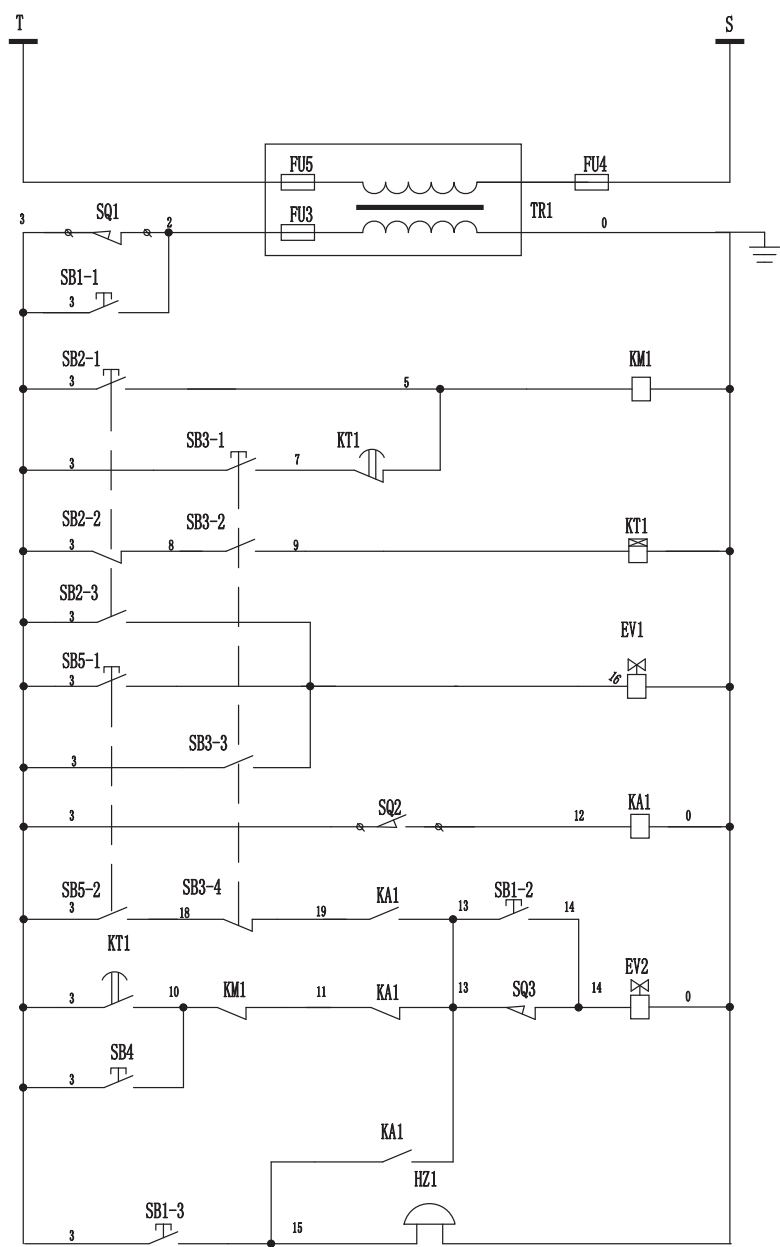


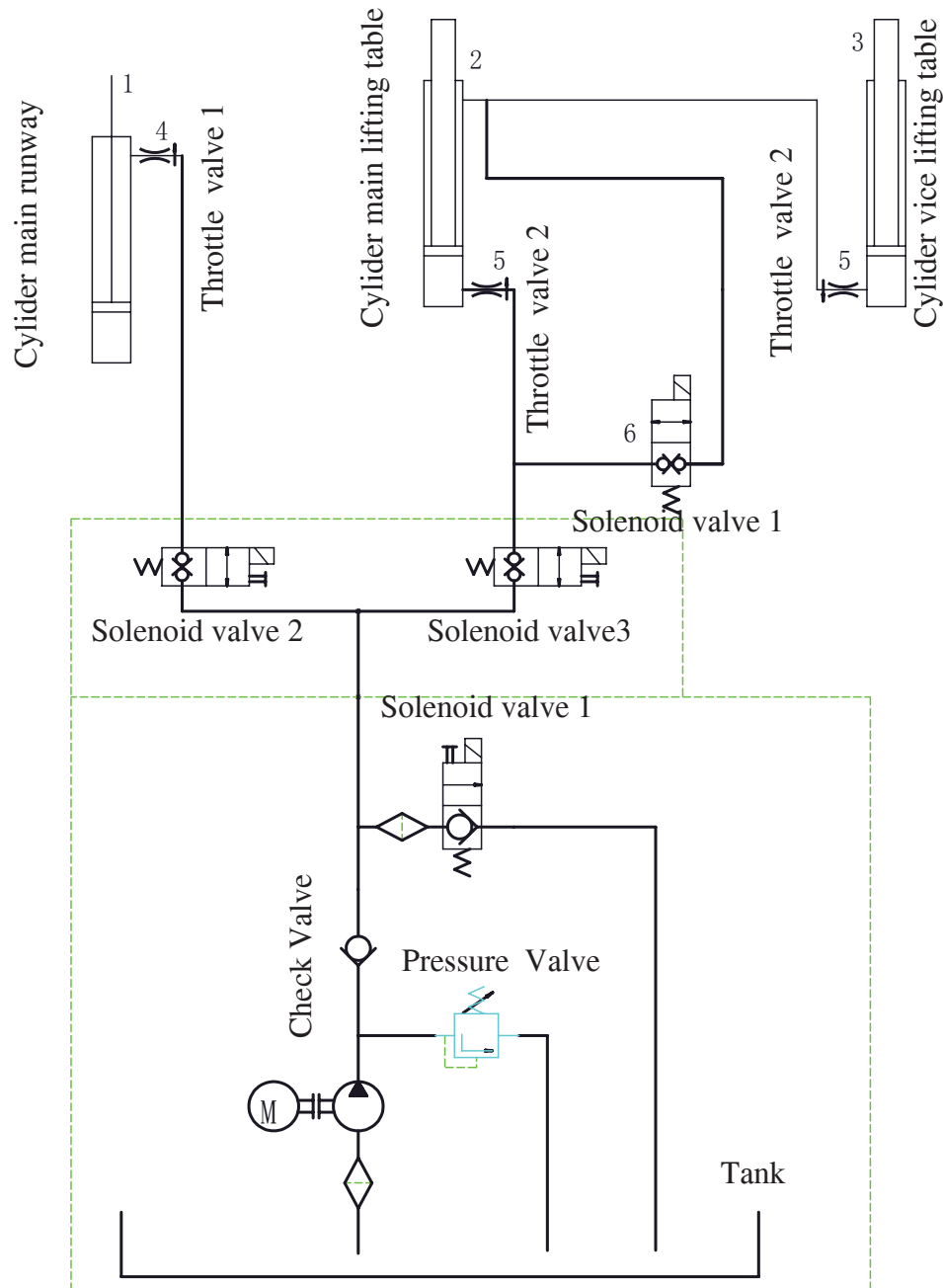
Table for electrical components

SB1	Emergency button for help	FU1	Fuse 20A
SB2	Up button	FU2	Fuse 2A
SB3	Down button	FU3	Fuse 6A
SB4	Padlock button	KM1	Contactor
SB5	Final lowering button	QS1	Main switch
HZ1	Buzzer	SQ1	Broken cable switch
KT1	Timer relay	SQ3	Slack cable switch
KA1	Intermediate relay	SQ2	Low switch

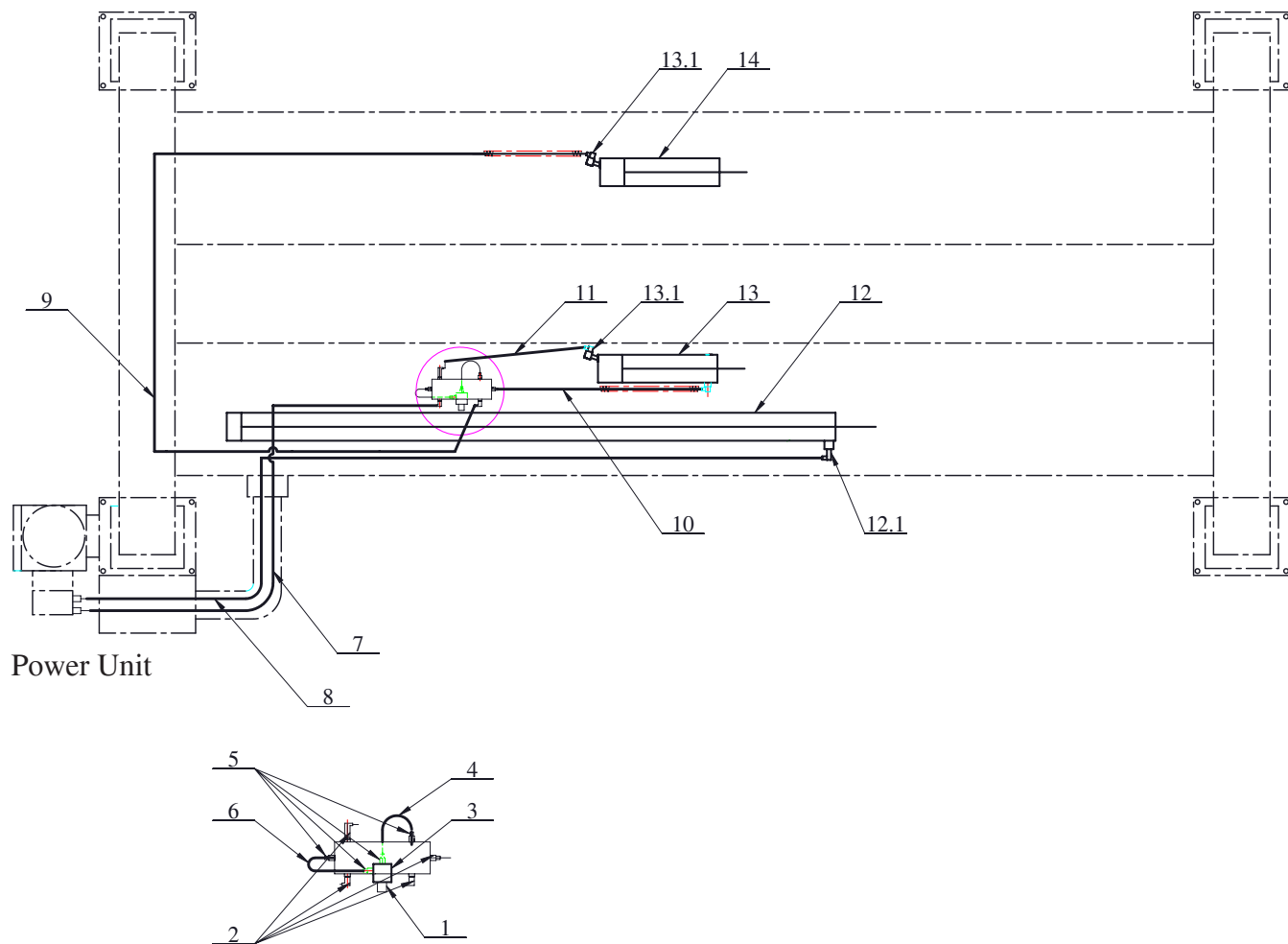
III. Hydraulic circuit diagram

For SM40-47/51, SM40NB-47, SM40LT-47, MOT40NB-47

1. The Hydraulic circuit schema for SM40LT-47

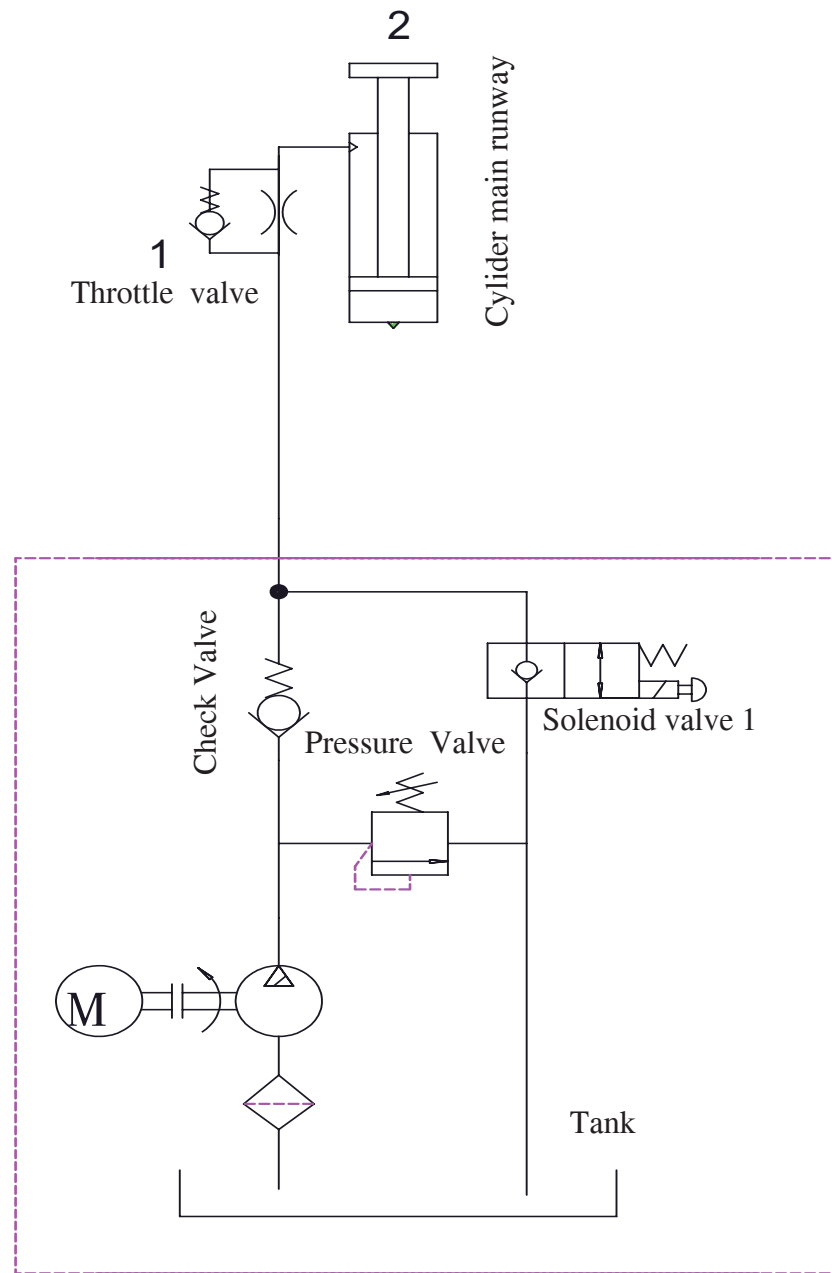


Item	PartNo.	Description	Qty	Remark
1	MOT40-9100	Cylinder for main runway	1	
2	YG39-9100	Cylinder for main lifting table	1	
3	YG40-9100	Cylinder for vice lifting table	1	
4	YG37-9200	Throttle valve	1	in the cylinder
5	YG39-9200	Throttle valve 2	2	in the cylinder
6	LSV-08-2NCSP-LM-2H	Solenoid valve 1	1	in the runway

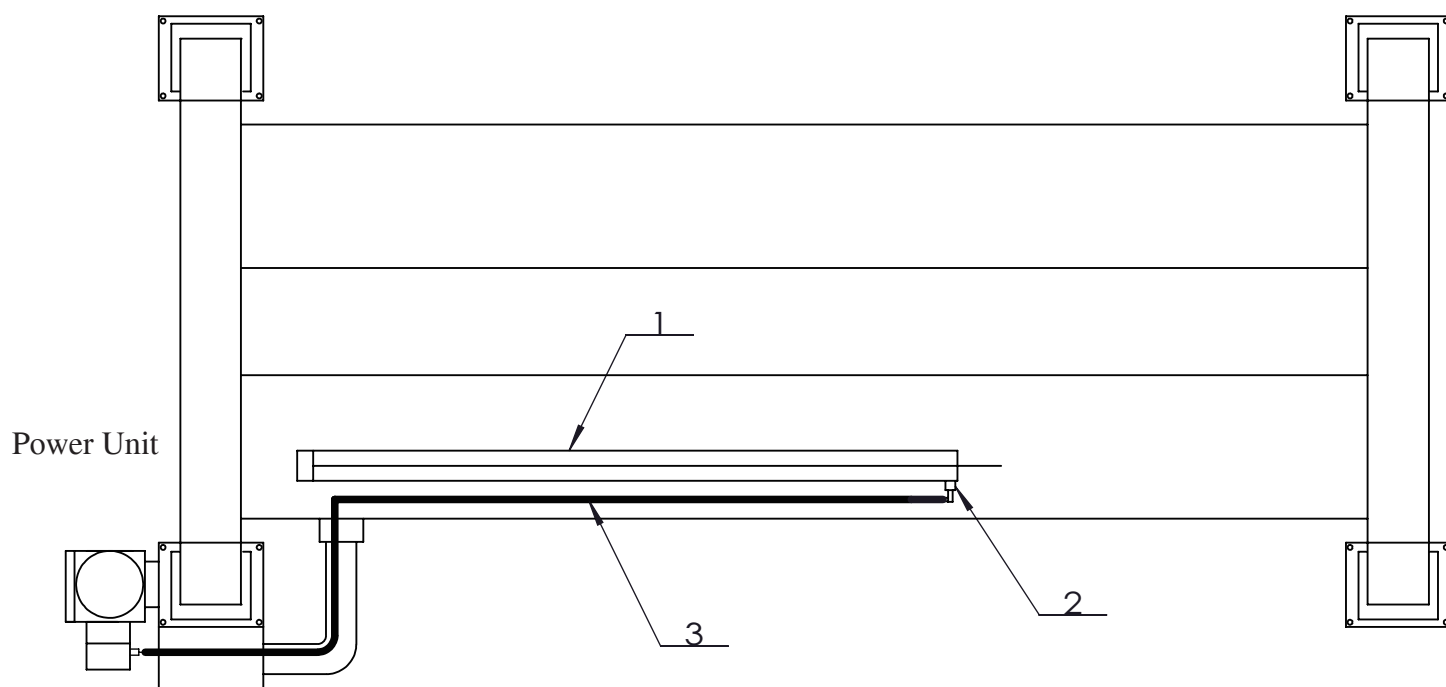


Item	PartNo.	Description	Oty	Remark
1	LSV-08-2NCSP-LM-2H	Solenoid valve	1	DC24V
2	WR-001	Fitting	4	
3	PV4-9102	Valve block	1	
4	PV4-9104	Steel hose	1	
5	E10	Fitting	4	
6	PV4-9103	Steel hose	1	
7	NSM40LT-9801-1	Hose (3550mm)to lifting table	1	
8	2WB-34	Hose (5020mm) to main lift	1	
9	SM40LT-9801-5	Hose (3636mm)	1	
10	SM40LT-9801-6	Hose (1116mm)	1	
11	SM40LT-9801-7	Hose (896mm)	1	
12	MOT40-9100	Main cylinder	1	
12.1	YG37-9200	Throttle valve	1	come with cylinder
13	YG39-9100	Main cylinder of lifting table	1	
14	YG40-9100	Vice cylinder og lifting table	1	
13.1	YG39-9200	Throttle valve	2	come with cylinder

2. The Hydraulic circuit schema for SM40/SM40NB/MOT40NB

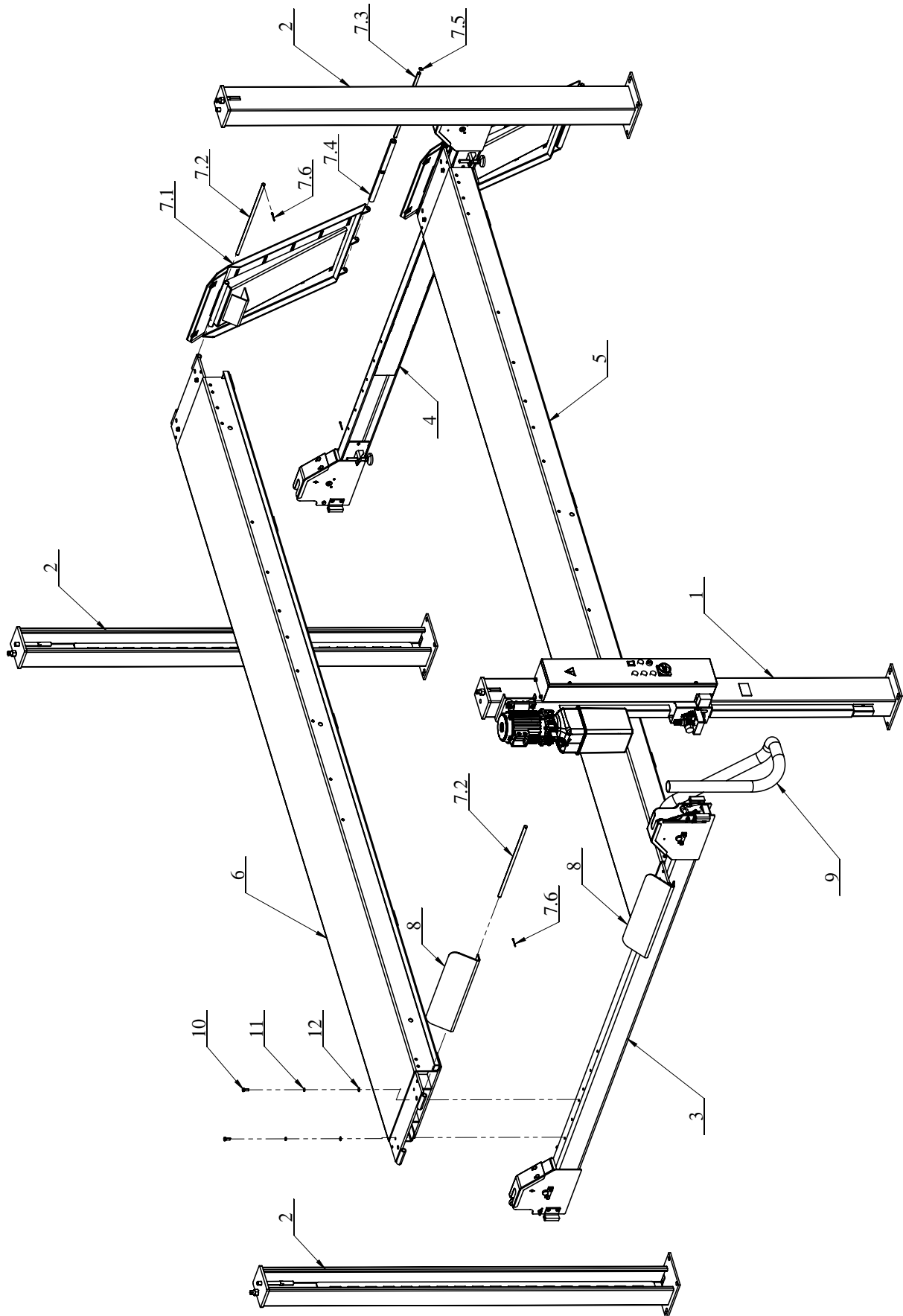


Item	PartNo.	Description	Qty	Remark
1	YG37-9200	Throttle valve	1	come with cylinder
2	MOT40-9100	Cylinder	1	

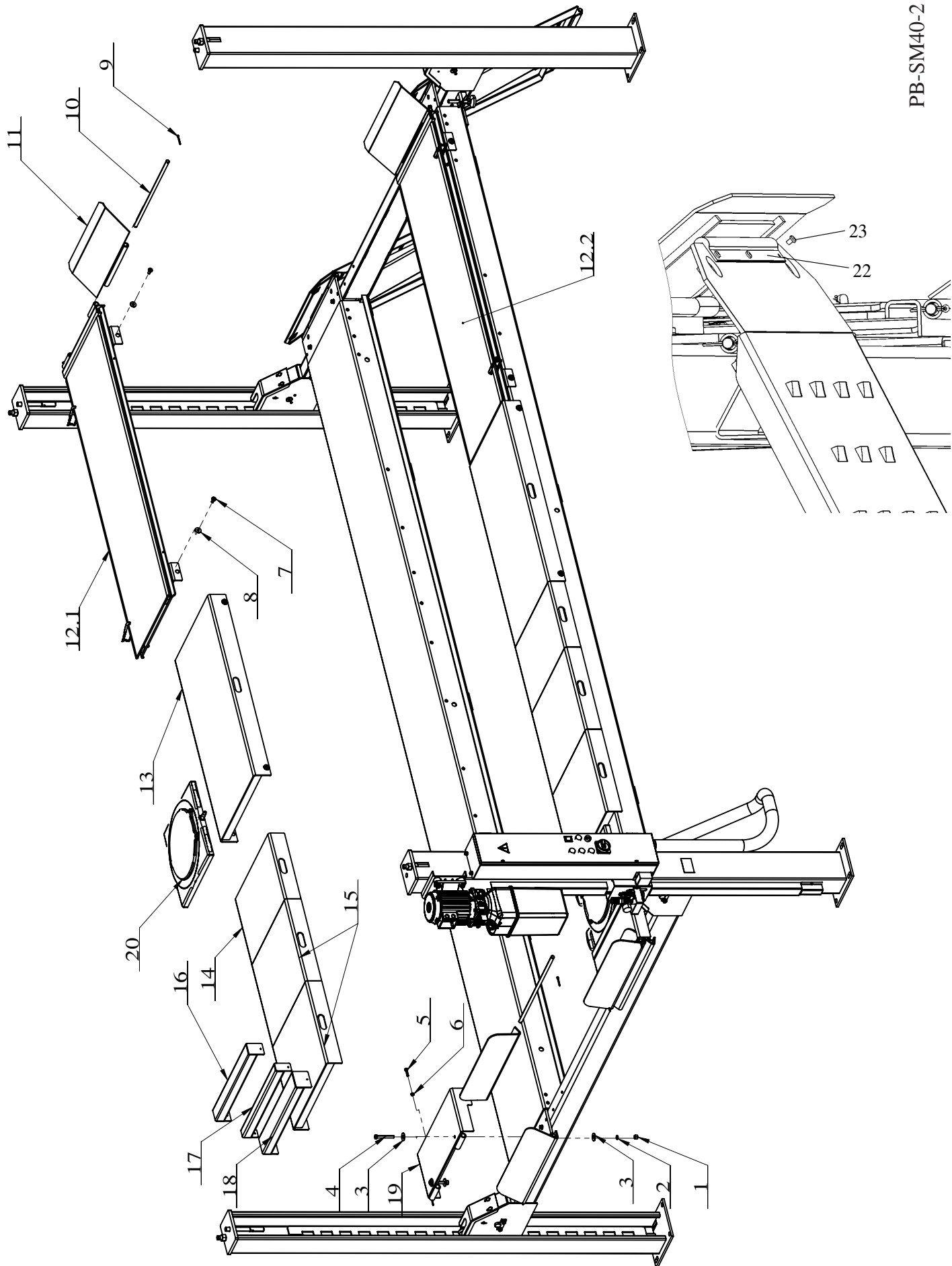


Item	PartNo.	Description	Oty	Remark
1	MOT40-9100	Cylinder	1	
2	YG37-9200	Throttle valve	1	come with cylinder
3	2WB-34	Hose	1	for SM40-47/SM40NB-47
	MOT40-9801-1	Hose	1	for SM40-51

PB-SM40-1

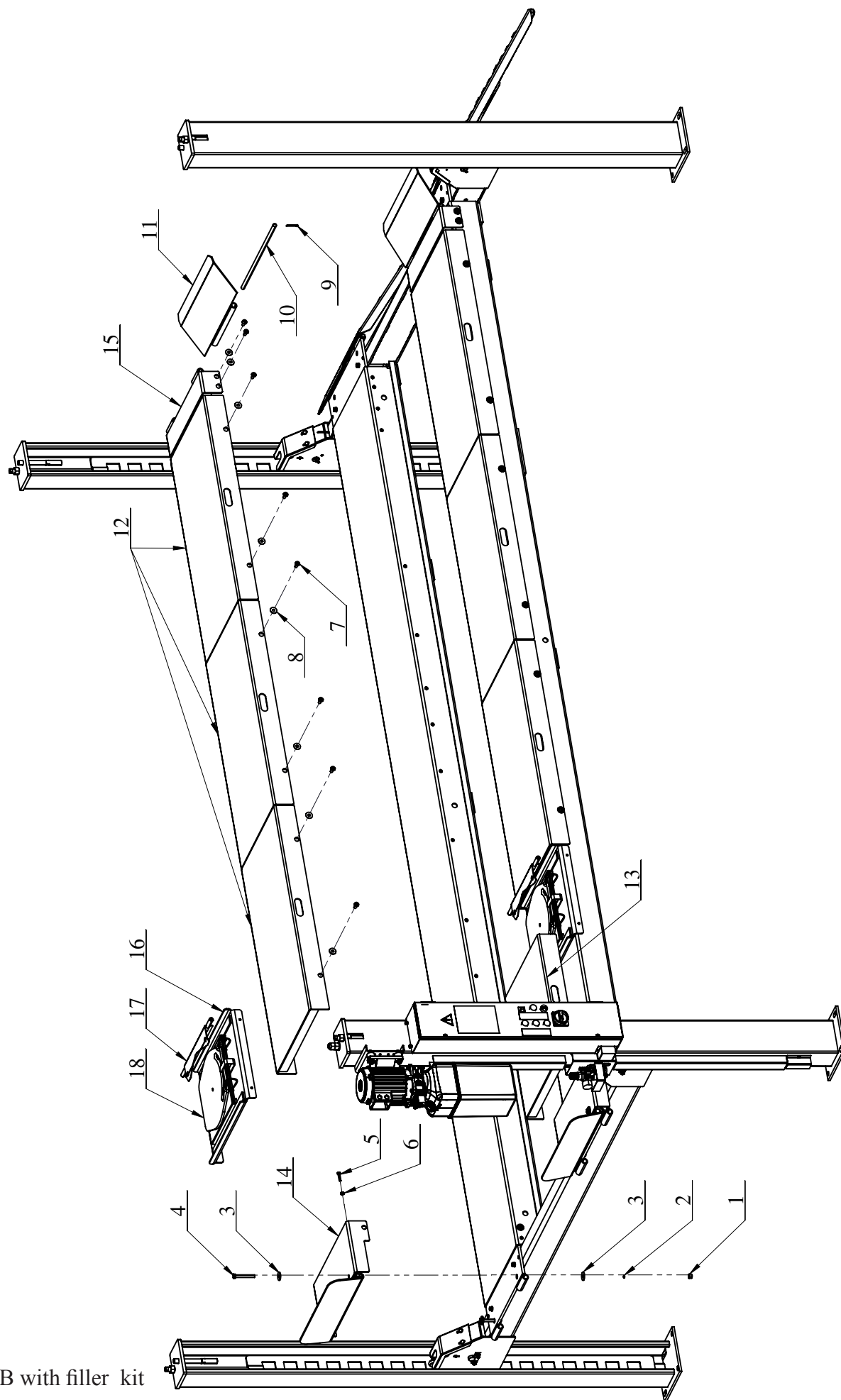


Detail for PB-SM40-1			
	PartNo.	Description	QTY
1	MOT40-1100	PU column weldment	1
2	MOT40-1200	Vice column weldment	3
3	NSM40-2100ZP	PU Crossbeam assemblyfor SM40-47/51	1
	NSM40-2100	PU Crossbeam weldment for SM40-47/51	
	MOT40-2100ZP	PU Crossbeam assemblyfor SM40NB-47	1
	MOT40-2100	Crossbeam weldment for SM40NB-47	
4	NSM40-2200ZP	Vice Crossbeam assemblyfor SM40-47/51	1
	NSM40-2200	Vice Crossbeam weldment for SM40-47/51	
	MOT40-2200ZP	Vice Crossbeam assemblyfor SM40NB-47	1
	MOT40-2100	Crossbeam weldment for SM40NB-47	
5	MOT40-51-3100ZP	Main runway assembly for SM40-51	1
	MOT40-51-3100	Main runway weldment for SM40-51	
	MOT40-3100ZP	Main runway assembly for SM40/SM40NB-47	1
	MOT40-3100	Main runway weldment for SM40/SM40NB-47	
6	MOT40-51-3200	Vice runway weldment for SM40-51	1
	MOT40-3200	Vice runway weldment SM40/SM40NB-47	
7	MOT40-1500ZP	Ramp assembly	2
7.1	MOT40-1500	Ramp weldment	2
7.2	MOT40-1503	shaft	4
7.3	FC5991Y	shaft	2
7.4	FC5992Y	Nylon tube	4
7.5	B60-16	Circlips for shaft ϕ 16	4
7.6	B52-5*40	Cotter pin ϕ 5*40	8
8	SM40-47-3300F	Wheel stop weldment	2
9	B91B-2*1700	Flxeible pipe	1
10	B12-10*25	Hexagon bolt M10*25 10.9 galvanize	8
11	B40-10	Lock washer ϕ 10	8
12	B41-10	Flat washer ϕ 10	8

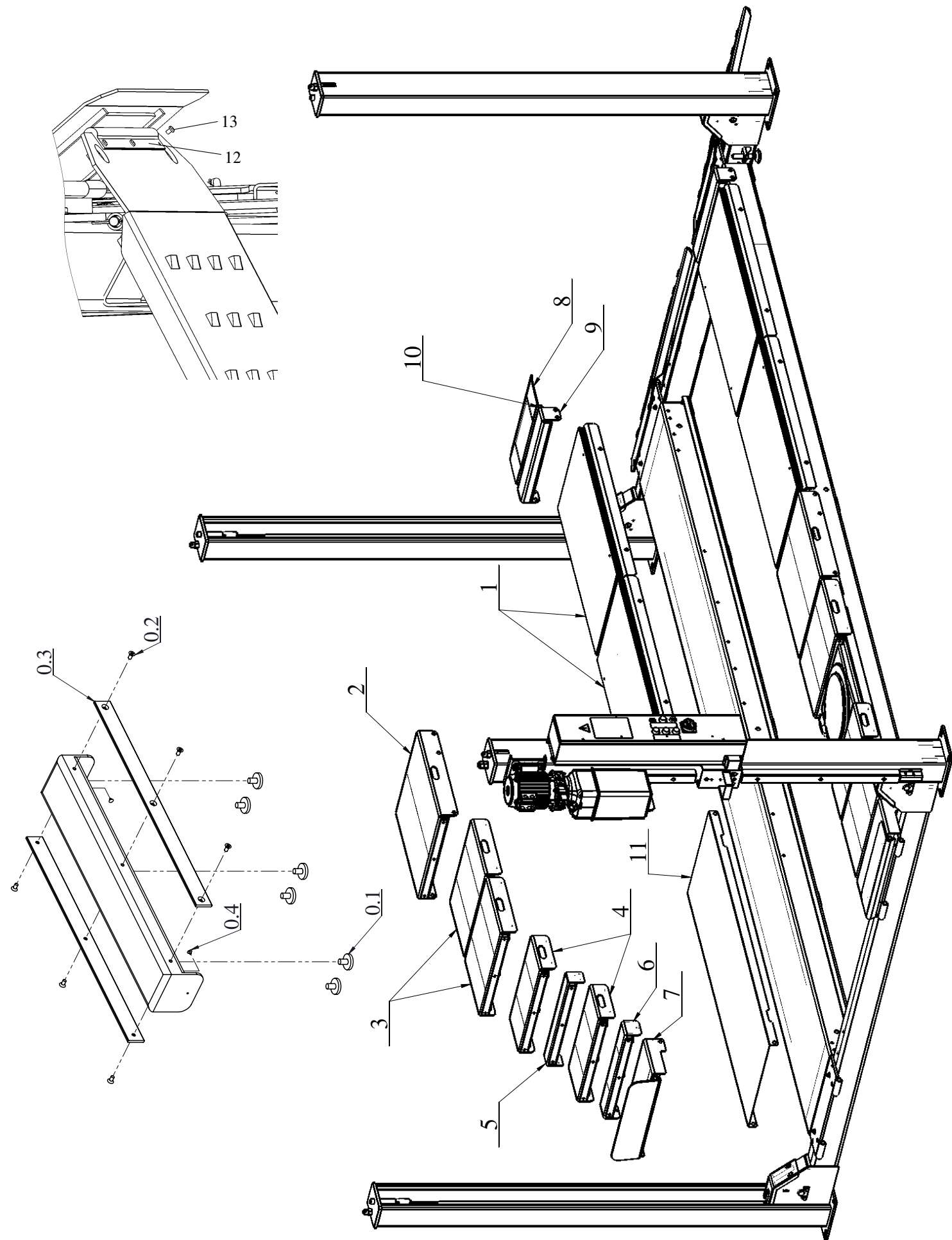


SM40,SM40NB with alignment kit

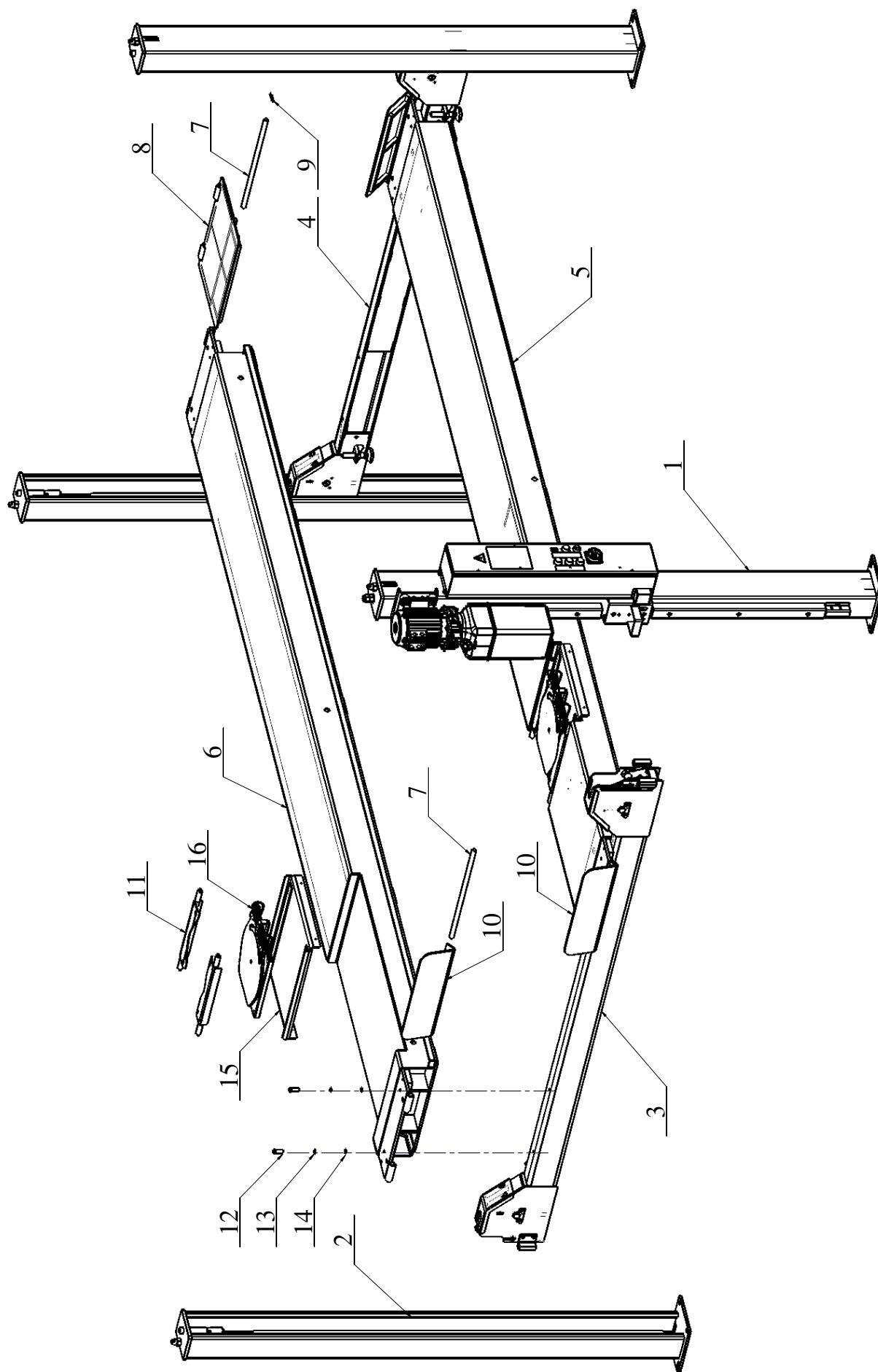
Detail for PB-SM40-2			
	PartNo.	Description	Qty
1	B30-12	Nut M12	4
2	B40-12	Lock washer $\phi 12$	4
3	B42-12	Big washer $\phi 12$	8
4	B10-12*90	Hexagon M12*90	4
5	B10-8*35	Hexagon M8*35	6
6	B30-8	Nut M8	6
7	B23-10*25	Cross recessed pan head screw M10*25	20
8	B42-10	Big washer $\phi 10$	20
9	B52-5*40	Cotter pin $\phi 5*40$	4
10	MOT40-1503	Shaft	2
11	SM60-1338G	stop runway weldment	2
12.1	SM60-1300GDCZP	Sliding plate assembly	1
12.2	SM60-1300GZP	Sliding plate assembly	1
13	SM60-1320G	Fixed filler weldment	2
14	SM60-1518G	400mm filler weldment for SM40/SM40NB-47	0
		400mm filler weldment for SM40-51	2
15	SM60-1332G	500mm filler weldment	4
16	SM40-1334	70mm filler weldment	2
17	SM40-1336	50mm filler weldment	2
18	SM40-1338	100mm filler weldment	2
19	SM40-51-1334B	End plate weldment	2
20	Turn table (50mm height)	Optional accessories(just for show)	0
21	MOT40-4600	280mm filler weldment(not show)	2
22	SM65-3011	Plastic bar	2
23	B23-5*8	M5*8 screw	6



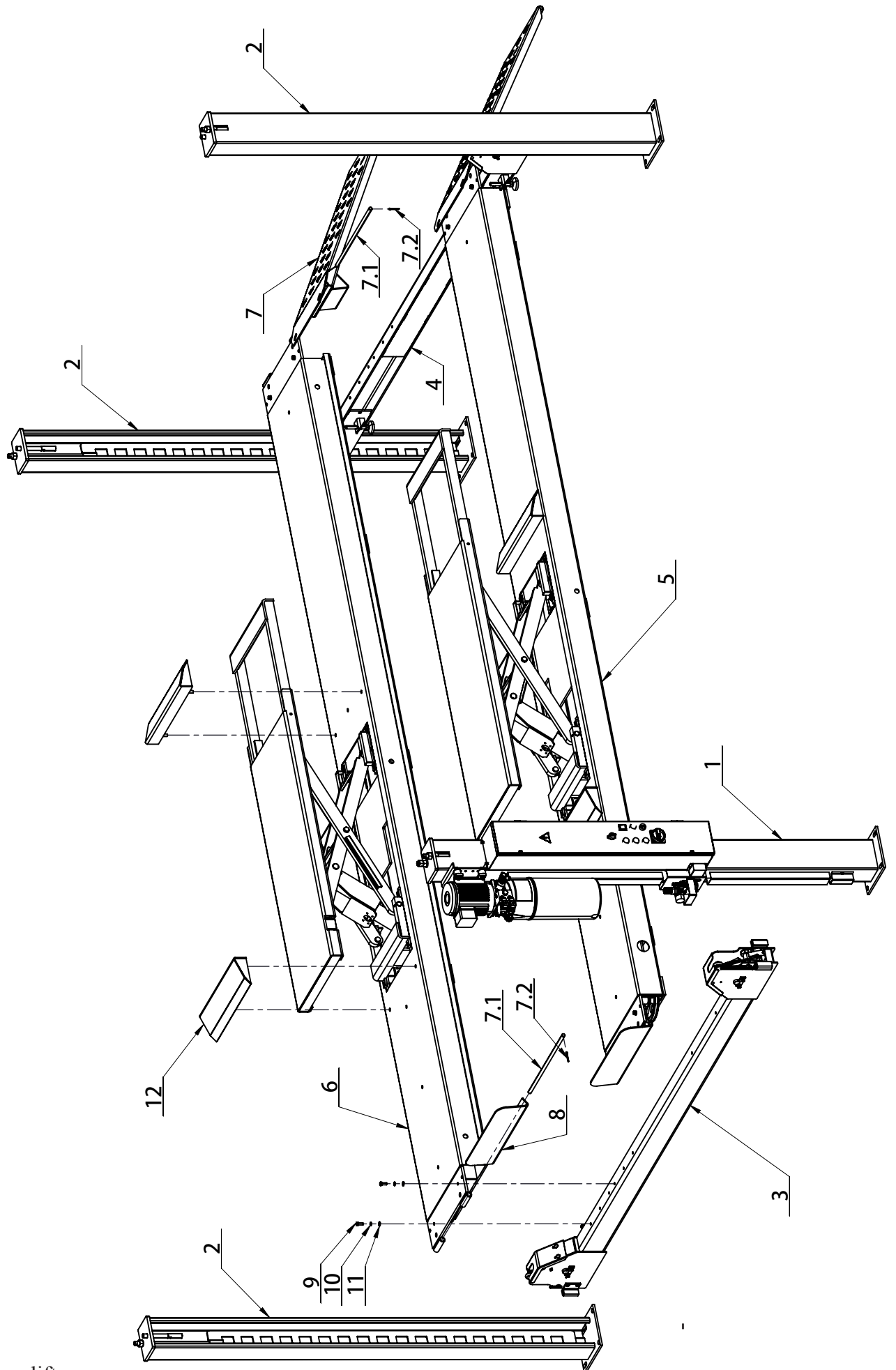
Detail for PB-SM40-3			
	PartNo.	Description	Qty
1	B30-12	Nut M12	4
2	B40-12	Lockwasher $\phi 12$	4
3	B42-12	Big washer $\phi 12$	8
4	B10-12*90	Hexagon bolt M12*90	4
5	B10-8*35	Hexagon bolt M8*35	6
6	B30-8	Nut M8	6
7	B23-10*25	Cross recessed pan head screw M10*25	20
8	B42-10	Big washer $\phi 10$	20
9	B52-5*40	Cotter pin $\phi 5*40$	4
10	MOT40-1503	shaft	2
11	SM60-1338G	Stop runway weldment	2
12	MOT40-4100	Fixed filler weldment	6
13	MOT40-4200	Filler weldment	1
14	SM40-51-1334B	End plate weldment	2
15	MOT40-4300	Fixed filler weldment	2
16	MOT40-4400	End plate weldment	2
17	FC7117Y	Bridge of turn table	4
18	Turn table(38mm height)	Optional accessories(just for show)	0
19	SM60-1518G	400mm filler weldment (not show)for SM40-51	2



Detail for PB-SM40-4			
	PartNo.	Description	Qty
1	SM40-4000	Sliding plate assembly	4
2	SM40-4500ZP	Fixed filler plate assembly	2
3	SM40-4600ZP	398mm Filler plate assembly For SM40-47	4
		398mm Filler plate assembly For SM40-51	6
4	SM40-4700ZP	250mm Filler plate assembly	4
5	SM40-4900ZP	75mm filler plate assembly	2
6	SM40-4900AZP	100mm filler plate assembly	2
7	SM40-4100G	End filler plate weldment	2
8	SM60-1338G	End stop weldment	2
9	SM40-4400G	Fixed filler plate weldment	2
10	MOT40-1503	Shaft	2
11	SM40-4001	Stainless steel plate	2
0.1	SM65-3005G	Plastic bolt	
0.2	B26-6*12	Hex hexagon socket screw M6*12	
0.3	SM40-4008	Plastic Bar	
0.4	27XT1250125	Plastic plug	
12	SM65-3011	Plastic bar	2
13	B23-5*8	M5*8 screw	6

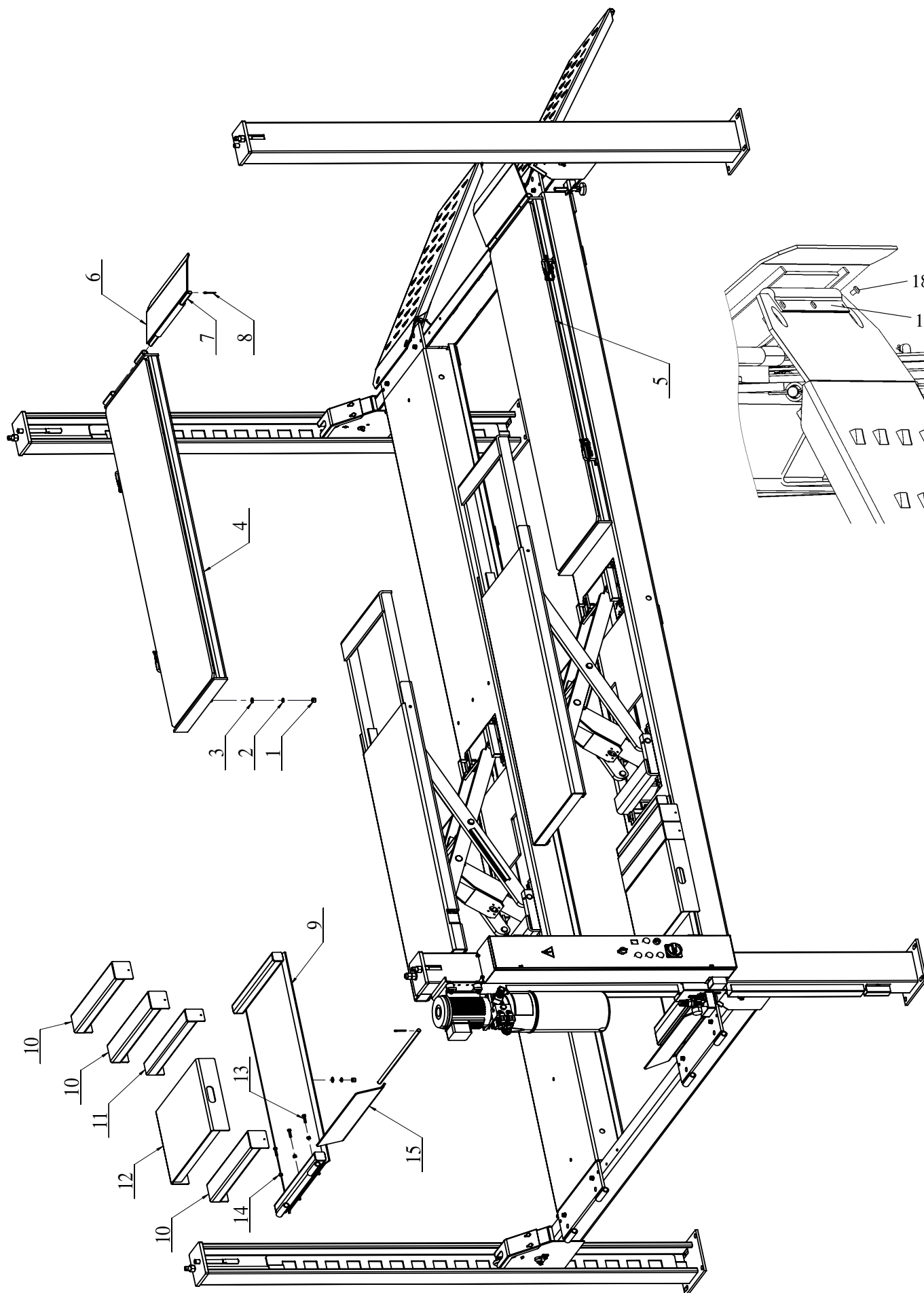


Detail for PB-SM40-5			
	PartNo.	Description	QTY
1	MOT40-1100	PU column weldment	1
2	MOT40-1200	Vice column weldment	3
3	MOT40-2100ZP	PU Crossbeam assembly	1
	MOT40-2100	Crossbeam weldment	
4	MOT40-2200ZP	Vice Crossbeam assembly	1
	MOT40-2100	Crossbeam weldment	
5	NMOT40-3100ZP	Main runway assembly	1
	NMOT40-3100	Main runway weldment	
6	NMOT40-3200	Vice runway weldment	1
7	MOT40-1503	shaft	4
8	MOT40-6200	Inground ramp assembly	2
9	B52-5*40	Cotter pin ϕ 5*40	4
10	SM40-47-3300F	Wheel stop weldment	2
11	FC7117Y	Bridge of turn table	4
12	B12-10*50	Hexagon bolt M10*50 10.9 galvanize	8
13	B40-10	Lock washer ϕ 10	8
14	B41-10	Flat washer ϕ 10	8
15	MOT40-4500	Base weldment	2
16	Turn table(38mm height)	Optional accessories(just for show)	2



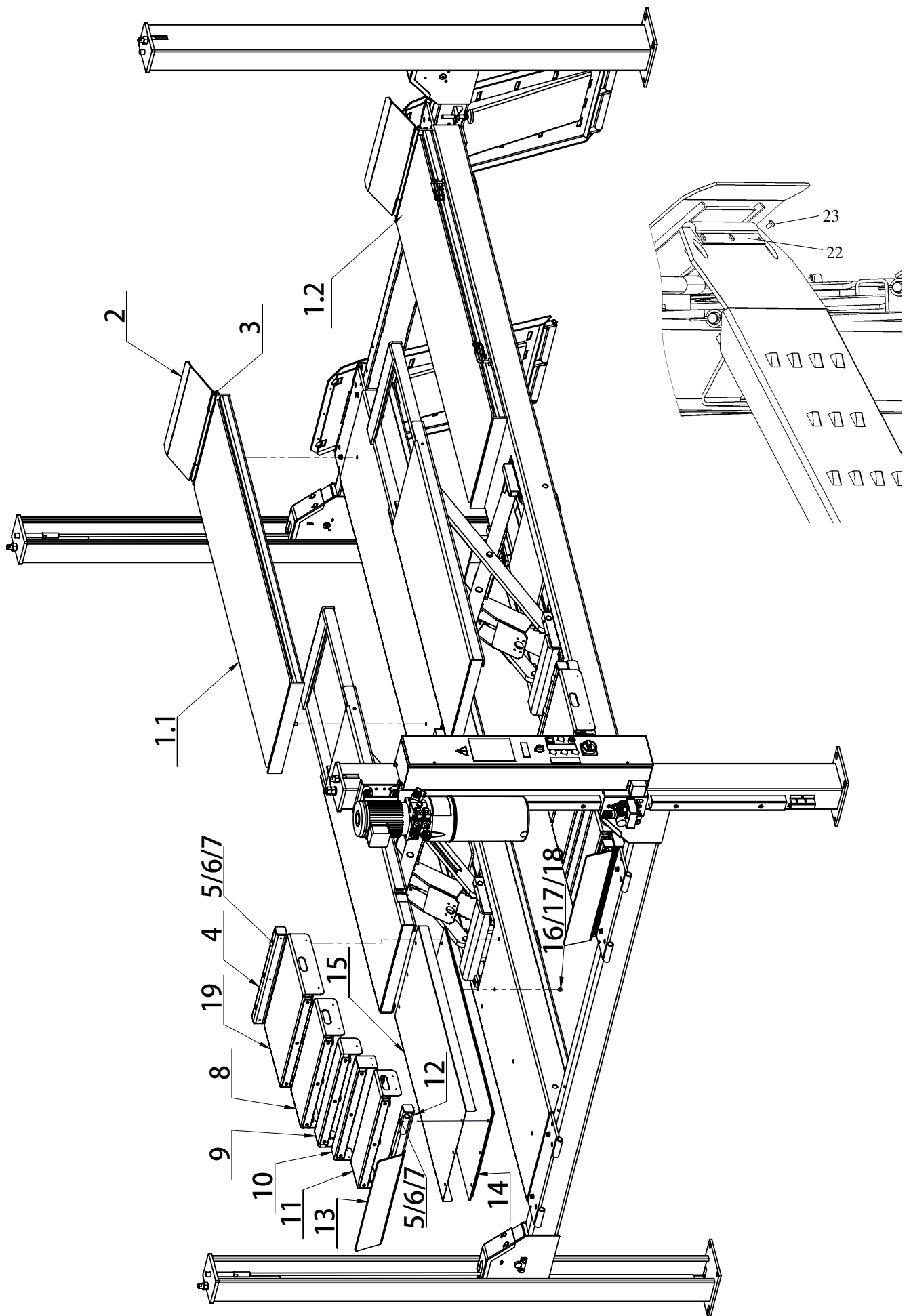
SM40LT-47 base lift

Detail for PB-SM40-6			
	PartNo.	Description	Qty
1	MOT40-1100B	PU column weldment	1
2	MOT40-1200	Vice column weldment	3
3	SM40LT-47-2100BZP	PU crossbeam assembly	1
	SM40LT-47-2100B	PU crossbeam weldment	
4	NSM40-2200ZP	Vice crossbeam assembly	1
	NSM40-2200	Vice crossbeam weldment	
5	SM40LT-47-3100BZP	Main runway assembly with lifting table	1
	SM40LT-47-3100BZPN	Main runway assembly(no lifting table)	
	SM40LT-47-3100B	Main runway weldment	
6	SM40LT-47-3200BZP	Vice runway assembly with lifting table	1
	SM40LT-47-3200B	Vice runway weldment(no lifting table)	
7	MOT40-1500ZP	Ramp assembly	2
7.1	MOT40-1503	Shaft	4
7.2	B52-5*40	Cotter pin $\phi 5 \times 40$	8
8	SM40-47-3300F	Wheel stop weldment	2
9	B12-10*25	Hexagon bolt M10*25 10.9 galvanize	8
10	B40-10	Lock washer $\phi 10$	8
11	B41-10	Flat washer $\phi 10$	8
12	SM40LT-51-7300A	Drive on ramp weldment	4

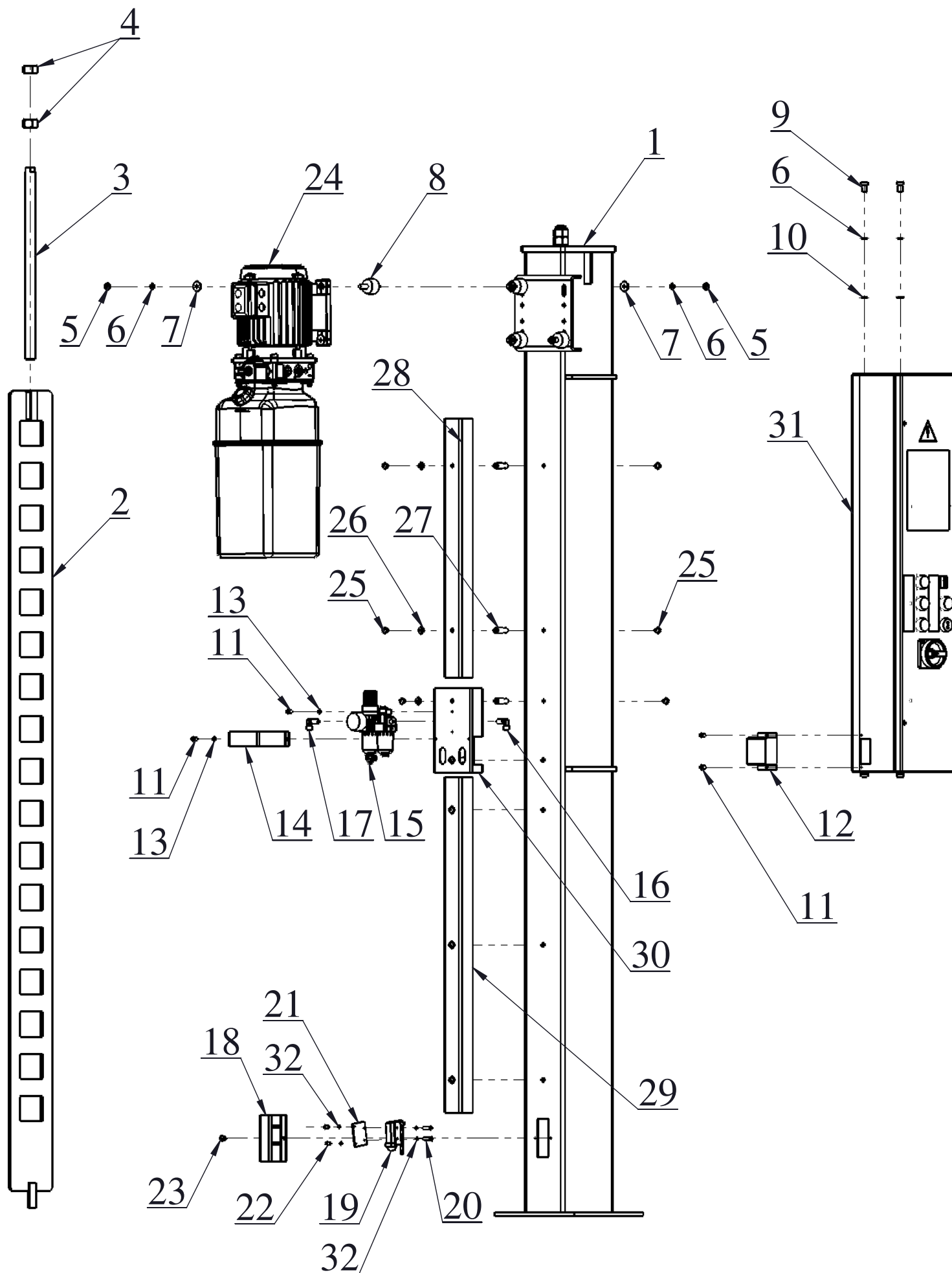


24

Detail for PB-SM40-7			
	PartNo.	Description	Qty
1	B30-12	Nut M12	10
2	B40-12	Lock washer $\phi 12$	10
3	B41-12	Flat washer $\phi 12$	10
4	SM40LT-51-7000DCB	Sliding plate assembly	1
5	SM40LT-51-7000B	Sliding plate assembly	1
6	SM60-1338G	Stop runway weldment	2
7	MOT40-1503	Shaft	2
8	B52-5*40	Cotter pin $\phi 5 \times 40$	4
9	SM40LT-47-1701B	Elevated weldment	2
10	SM40-1338	100mm filler weldment	2
11	SM40-1334	70mm filler weldment	2
12	SM60-1518G	400mm filler weldment	2
13	B10-8*35	Hexagon bolt M8*35	6
14	B30-8	Nut M8	6
15	SM40LT-47-1600B	Wheel stop weldment	2
16	MOT40-4600	280mm filler weldment(not show)	2
17	SM65-3011	Plastic bar	2
18	B23-5*8	M5*8 screw	6




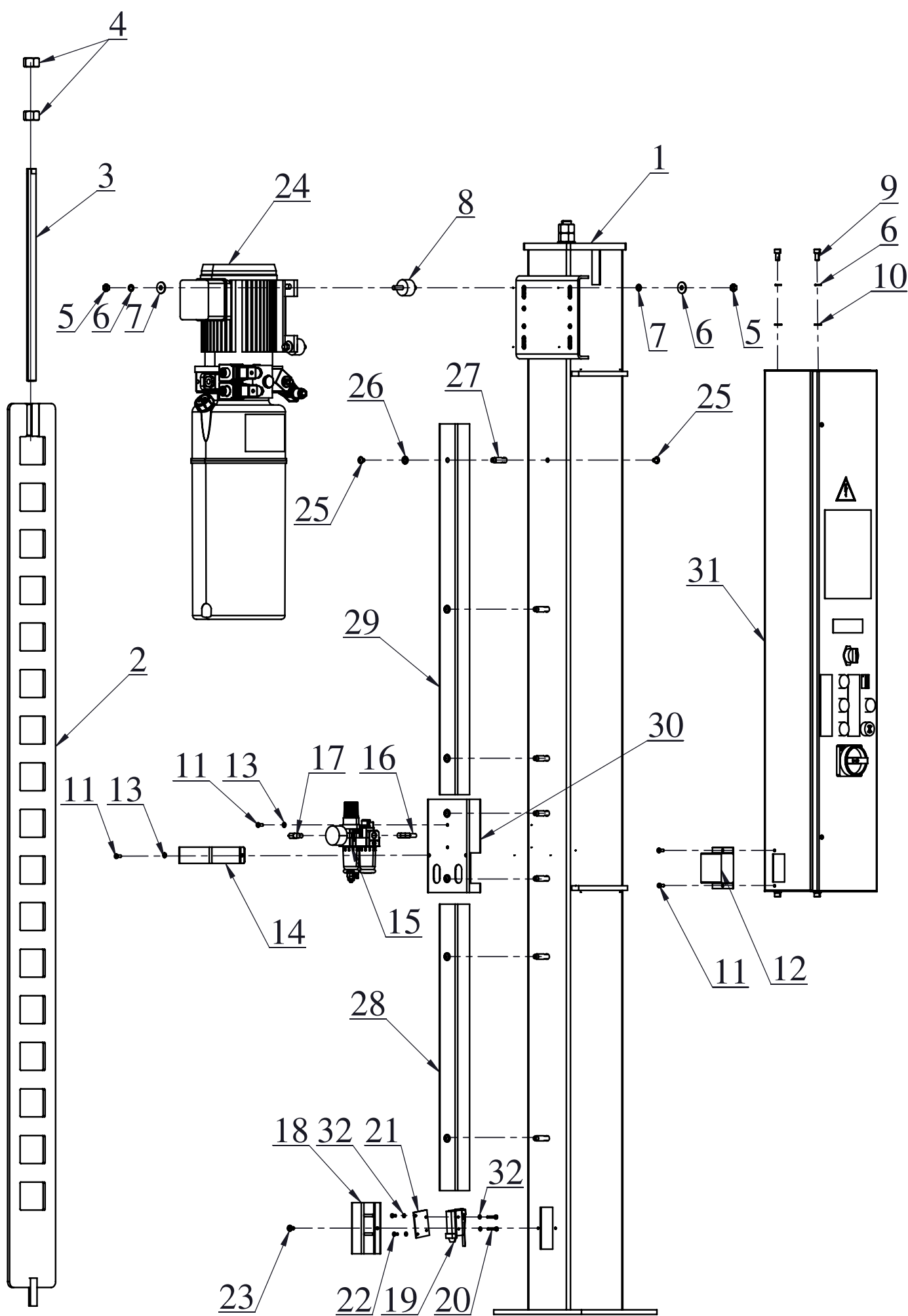
Detail for PB-SM40-8			
	PartNo.	Description	Qty
1.1	SM40LT-47-1714CZP	Sliding plate assembly	1
1.2	SM40LT-47-1713CZP	Sliding plate assembly	1
2	SM60-1338G	End stop weldment	2
3	MOT40-1503	Shaft	2
4	SM40LT-47-1706C	Tube end filler	2
5	FA7958-10	Plastic plug	12
6	B23-8*20	Cross recessed pan head M8*20	12
7	B40-8/B41-8	Flat and spring washer 8	12
8	SM40-4700ZP	250mm filler plate assembly	2
9	SM40-4900AZP	100mm filler plate assembly	2
10	SM40-4900ZP	75mm filler plate assembly	2
11	SM40LT-47-1710CZP	180mm filler plate assembly	2
12	SM40LT-47-1709C	End filler tube weldment	2
13	SM40LT-47-1600B	End stop weldment	2
14	SM40LT-47-1701C	Base frame weldment	2
15	SM40LT-47-1708C	Stainless steel base plate	2
16	B30-12	Hex nut M12	10
17	B40-12	Spring wahser12	20
18	B41-12	Flat wahser 12	20
19	SM40-4600ZP	398mm filler plate assembly	2
22	SM65-3011	Plastic bar	2
23	B23-5*8	M5*8 screw	6



PU Column for SM40/SM40NB

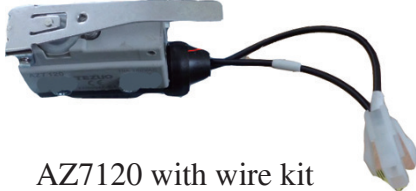
Detail for PB-SM40-9

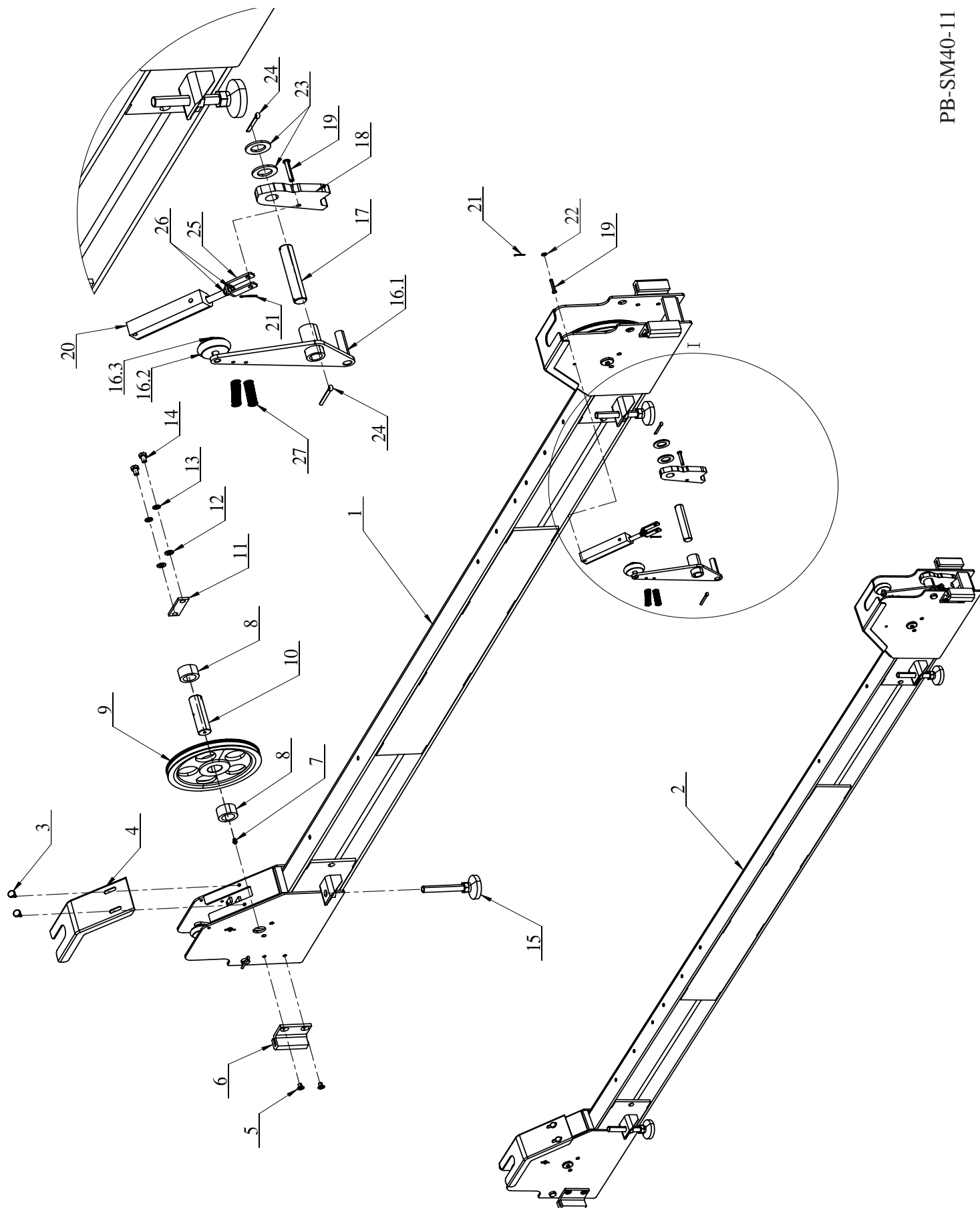
	PartNo.	Description	Qty
1	MOT40-1100	PU columnweldment	1
2	MOT40-1300	Latch bar weldment	1
3	MOT40-1303	Bolt	1
4	B30-20	Nut M20	2
5	B30-8	Nut M8	8
6	B40-8	Lock washer $\phi 8$	12
7	B42-8	Big washer $\phi 8$	8
8	PV-2005	Power unit bolt	4
9	B20-8*16	Hexagon socket cap screwsM8*16	4
10	B41-8	Flat washer $\phi 8$	4
11	B23-5*12	Cross recessed pan head screwM5*12	2
12	MOT40-1002	Cover plate	1
13	B41-5	Flat washer $\phi 5$	4
14	MOT40-1003	Retainer	1
15	S130080	Air maintance	1
16	EPL6-N02	Fitting	1
17	EPL8-N02	Fitting	1
18	MOT40-1001	Cover	1
19	AZ-7120	Limit switch	1
20	B23-4*25	Cross recessed pan head screw M4*25	2
21	PV4-1017	switch holder	1
22	B23-4*10	Cross recessed pan head screwM4*10	2
23	B23-4*8	Cross recessed pan head screw M4*8	2
24	PU	Power unit	1
25	41659	Hexagon socket bolts with flange M6*10	14
26	G3T-1005	Rubber washer	7
27	G3T-1004	Stud	7
28	MOT40-1104G	Plastic cover(615mm)	1
29	MOT40-1103G	Plastic cover(796mm)	1
30	MOT40-1105	Base plate for air maintance	1
31	MOT40-1400	Control box assembly	1
32	B41-4	Flat washer $\phi 4$	4
33	NSM40-47-8	 <p>AZ7120 with wire kit</p>	1



PU Column for SM40LT-47

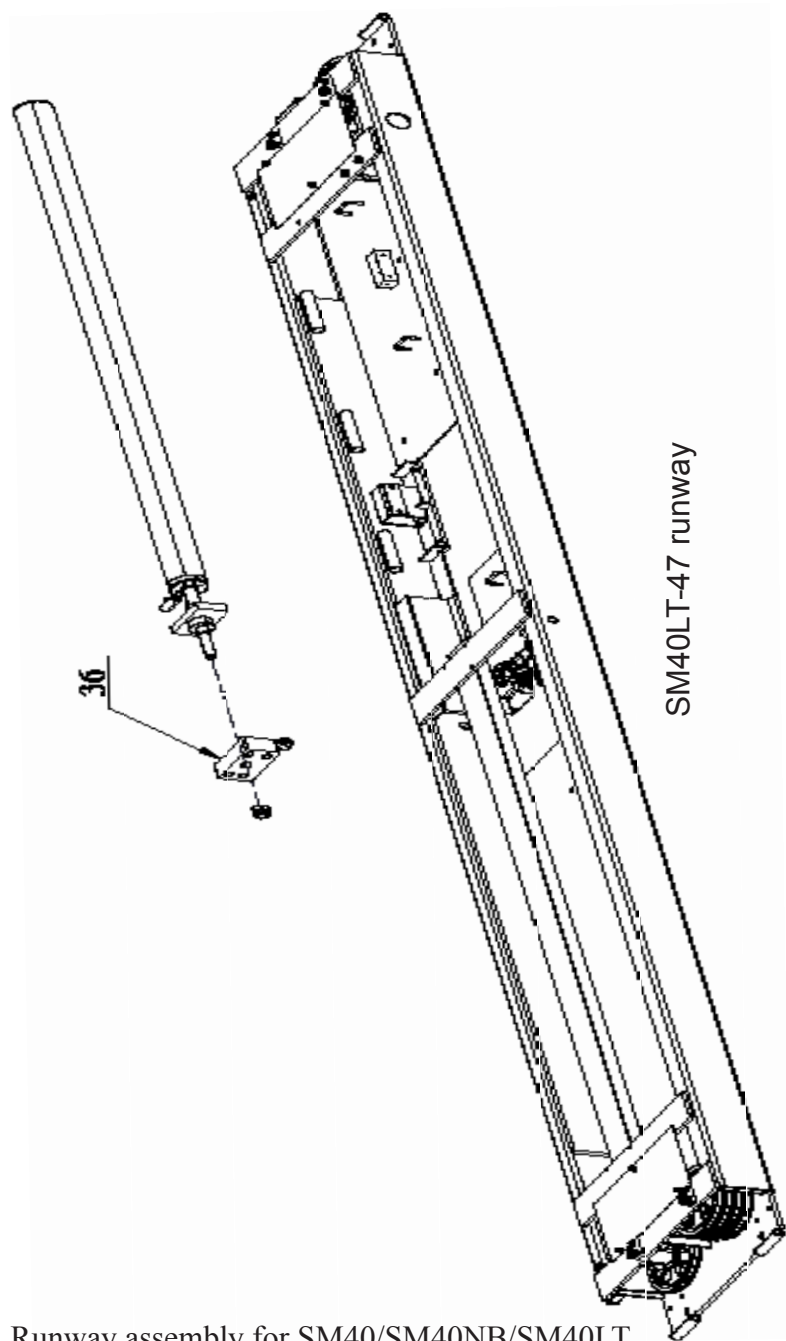
Detail for PB-SM40-10

	PartNo.	Description	Qty
1	MOT40-1100B	PU columnweldment	1
2	MOT40-1300	Latch bar weldment	1
3	MOT40-1303	Bolt	1
4	B30-20	Nut M20	2
5	B30-8	Nut M8	8
6	B40-8	Lock washer $\phi 8$	12
7	B42-8	Big washer $\phi 8$	8
8	PV-2005	Power unit bolt	4
9	B20-8*16	Hexagon socket cap screwsM8*16	4
10	B41-8	Flat washer $\phi 8$	4
11	B23-5*12	Cross recessed pan head screwM5*12	2
12	MOT40-1002	Cover plate	1
13	B41-5	Flat washer $\phi 5$	4
14	MOT40-1003	Retainer	1
15	S130080	Air maintance	1
16	EPL6-N02	Fitting	1
17	EPL8-N02	Fitting	1
18	MOT40-1001	Cover	1
19	AZ-7120	Limit switch	1
20	B23-4*25	Cross recessed pan head screw M4*25	2
21	PV4-1017	switch holder	1
22	B23-4*10	Cross recessed pan head screwM4*10	2
23	B23-4*8	Cross recessed pan head screw M4*8	2
24	PU	Power unit	1
25	41659	Hexagon socket bolts with flange M6*10	14
26	G3T-1005	Rubber washer	7
27	G3T-1004	Stud	7
28	MOT40-1104G	Plastic cover(615mm)	1
29	MOT40-1103G	Plastic cover(796mm)	1
30	MOT40-1105	Base plate for air maintance	1
31	MOT40-1400B	Control box assembly for LT lift	1
32	B41-4	Flat washer $\phi 4$	4
33	NSM40LT-11	 <p>AZ7120 with wire kit</p>	1

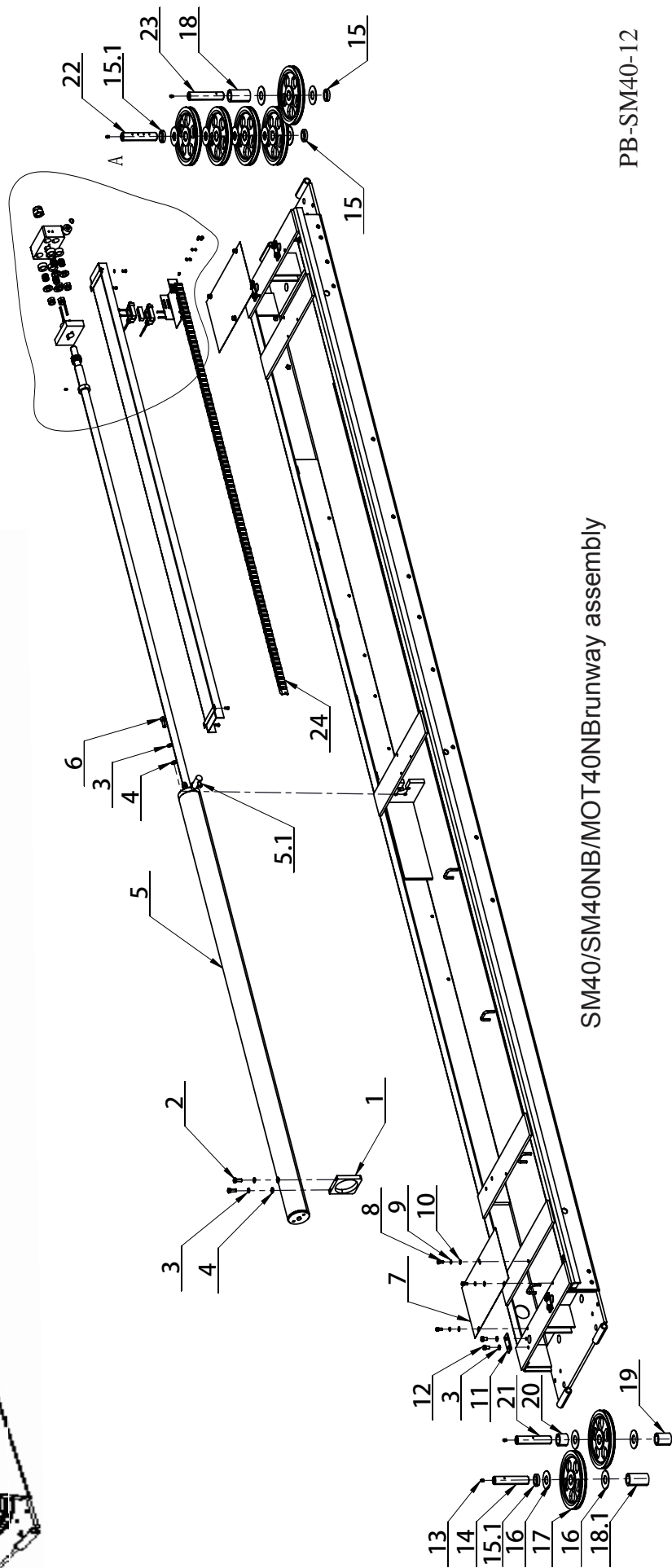


Crossbeam for SM40/SM40NB/SM40LT

Detail for PB-SM40-11			
	PartNo.	Description	Qty
1.1	NSM40-2100ZP	PU crossbeam assembly for SM40	1
	NSM40-2100	PU crossbeam weldment for SM40	
1.2	MOT40-2100ZP	PU crossbeam assembly for SM40NB	1
	MOT40-2100	PU crossbeam weldment for SM40NB	
1.3	SM40LT-47-2100BZP	PU crossbeam assembly for SM40LT	1
	SM40LT-47-2100B	PU crossbeam weldment for SM40LT	
2.1	NSM40-2200ZP	Vice crossbeam assembly for SM40/SM40LT	1
	NSM40-2200	Vice crossbeam weldment for SM40/SM40LT	
2.2	MOT40-2200ZP	Vice crossbeam assembly for SM40NB	1
	MOT40-2100	Vice crossbeam weldment for SM40NB	
3	460440	Plastic plug	8
4	FC5985Y	Plastic cover	4
5	B24-8*12	Cross recessed pan head screw M8*12	16
6	FC622Y	Slider block	8
7	B85-6	Oil cup M6	4
8	MOT40-2002	Spacer	8
9	BMW-2370	Sheave with Bearing	4
10	MOT40-2004	Sheave pin	4
11	H4P-3006	Lock plate	4
12	B41-10	Flat washer $\phi 10$	8
13	B40-10	Lock washer $\phi 10$	8
14	B10-10*16	Hexagon bolt M10*16	8
15	BMW-2300G	Bracket	4
16	S110435Y	Kicker assembly	4
16.1	S121272Y	Kicker weldment	4
16.2	FC553-21Y	roll sleeve	4
16.3	B60-9	Circlips for shaft $\phi 9$	4
17	FC5901-7Y	shaft	4
18	FC5986Y	Lock plate	4
19	S130287Y	Pin	8
20	S130061	Air cylinder	4
21	B52-2*20	Cotter pin 2*20	8
22	B41-6	Flat washer $\phi 6$	4
23	B41-20	Flat washer $\phi 20$	8
24	B52-4*40	Cotter pin 4*40	8
25	FC5993Y	U plate	4
26	40622	Nut 1/4"-28NF	8
27	FC522-25Y	Spring	8

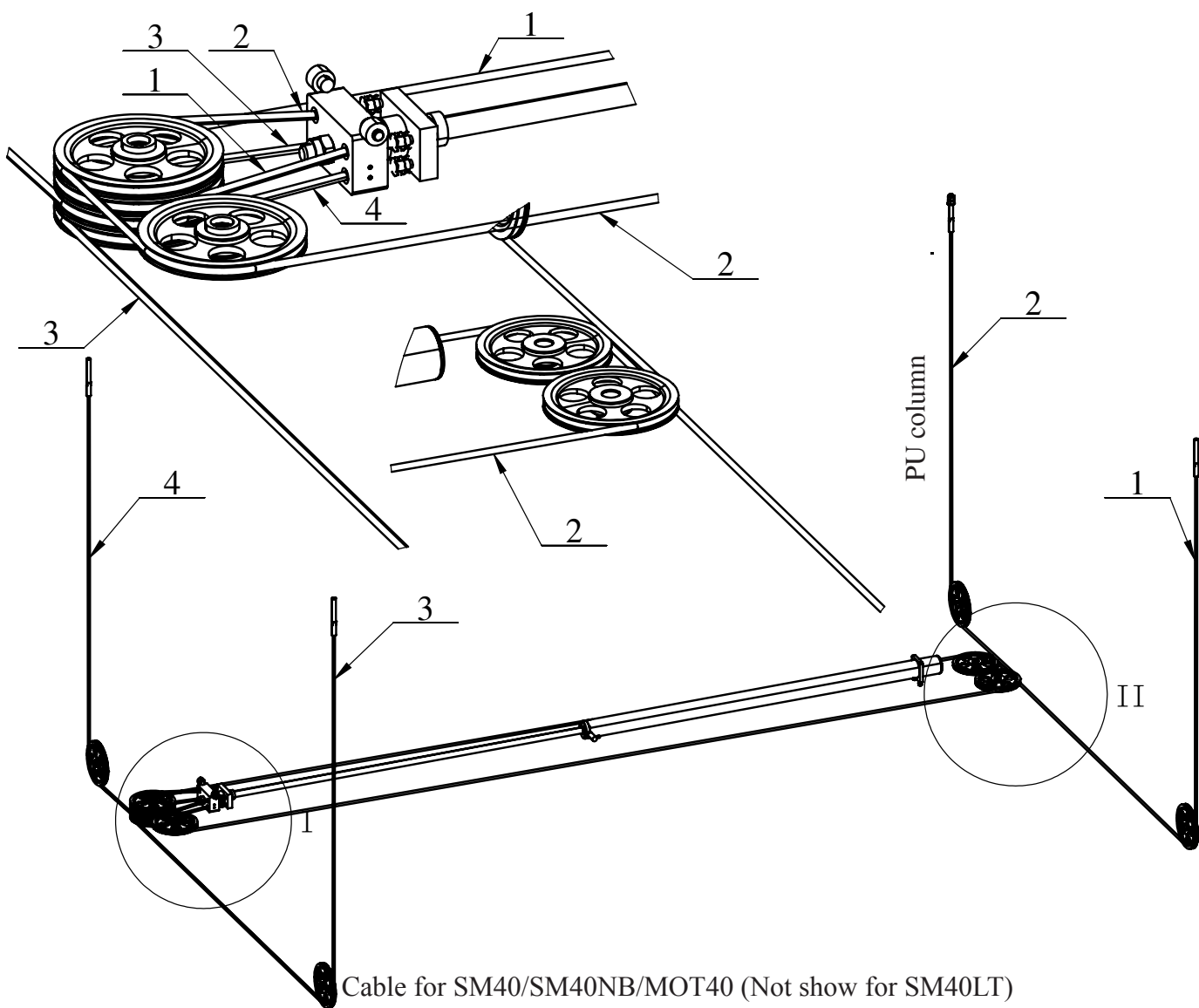


Runway assembly for SM40/SM40NB/SM40LT



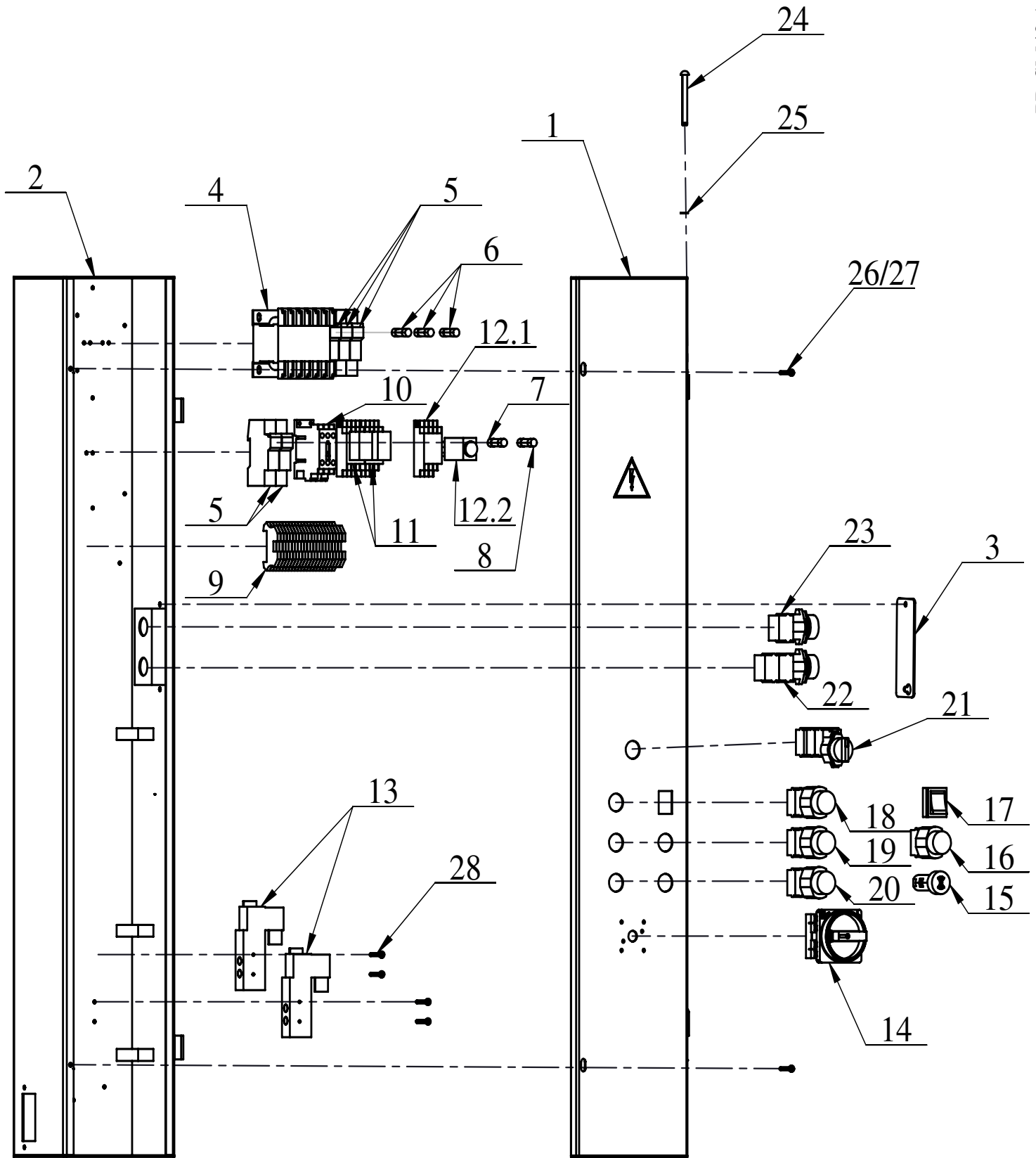
Detail for PB-SM40-12			
	PartNo.	Description	Qty
1	PV4-3017	Support plate for cylinder	1
2	B10-10*25	Hexagon bolt M10*25	2
3	B40-10	Spring washerφ10	14
4	B41-10	Flat washer φ10	6
5	MOT40-9100	Hydraulic cylinder	1
5.1	YG37-9200	Throttle valve	1
6	B20-10*30	Hexagon socket cap screws M10*30	4
7	PV4-3002	Cover plate	2
8	B20-8*16	Hexagon socket cap screws M8*16	6
9	B40-8	Spring washerφ8	6
10	B41-8	Flat wahser φ8	6
11	PV4-3016	Locker ,shaft	4
12	B10-10*16	Hexagon bolt M10*16	8
13	B85-6	Oil cup M6	4
14	MOT40-3010	Sheave pin	1
	NMOT40-3113	sheave pin for MOT40NB-47	
15	MOT40-3002	Spacer(8.8mm) for SM40/SM40LT/SM40NB	2
	NMOT40-3002	Spacer(33.8mm) for MOT40NB	
15.1	MOT40-3002	Spacer(8.8mm)	2
16	MOT40-3001	Washer	11
17	BMW-2370	Sheave with bearing	1
18	MOT40-3003	Spacer(81mm)	1
18.1	NMOT40-3001	Spacer(106mm) for MOT40NB	1
	MOT40-3003	Spacer(81mm) or SM40/SM40LT/SM40NB	
19	MOT40-3008	Spacer(55mm)	1
	MOT40-3003	Spacer(81mm) for MOT40NB	
20	MOT40-3004	Spacer(35mm)	1
21	MOT40-3011	Sheave pin	1
	NMOT40-3114	sheave pin for MOT40NB-47	
22	MOT40-3009	Sheave pin	1
	NMOT40-3112	sheave pin for MOT40NB-47	
23	MOT40-3007	Sheave pin for SM40/SM40NB	1
	NMOT40-3111	sheave pin for MOT40NB-47	
24	B92-25*2280	Drag chain L=2280	1
25	MOT40-3013	Support plate for Drag chain	1
26	PV4-3022	Limit swicth support plate	1
27	B21-6*10	Hex screw set M6*10	1
28	PV4-3023	Lock ring	1

29	PV4-3025	Spring	1
30	PV4-3020	Piston slider	1
31	B51-6*60	Snap ring ϕ 6*60	2
32	B33-16	Lock nut M16	4
33	PV4-3021B	Cable lock ring	4
34	PV4-3024	Spring	4
35	PV4-3021A	Cable lock ring	4
36	NMOT40-3003	Cable support bar weldment for MOT40NB	1
	MOT40-3006HJ	Cable support bar weldment for SM40/NB	1
	MOT40-3006BHJ	Cable support bar weldment for SM40LT	1
37	SM60-1122	Roller	2
38	B60-14	Snap ring ϕ 14	2
39	B331-24	Lock nut M24*2(8.8)	1
40	B20-5*12	Hexagon socket cap screws M5*12	6
41	B41-5	Flat washer ϕ 5	4
42	B23-4*30	Cross recess pan head screw M4*30	4
43	TZ-7166	Limit swicth	2
44	PV4-3030	Aquare bar	1
45	B40-5	Spring washer ϕ 5	2
46	B23-4*8	Cross recess pan head screw M4*8	2

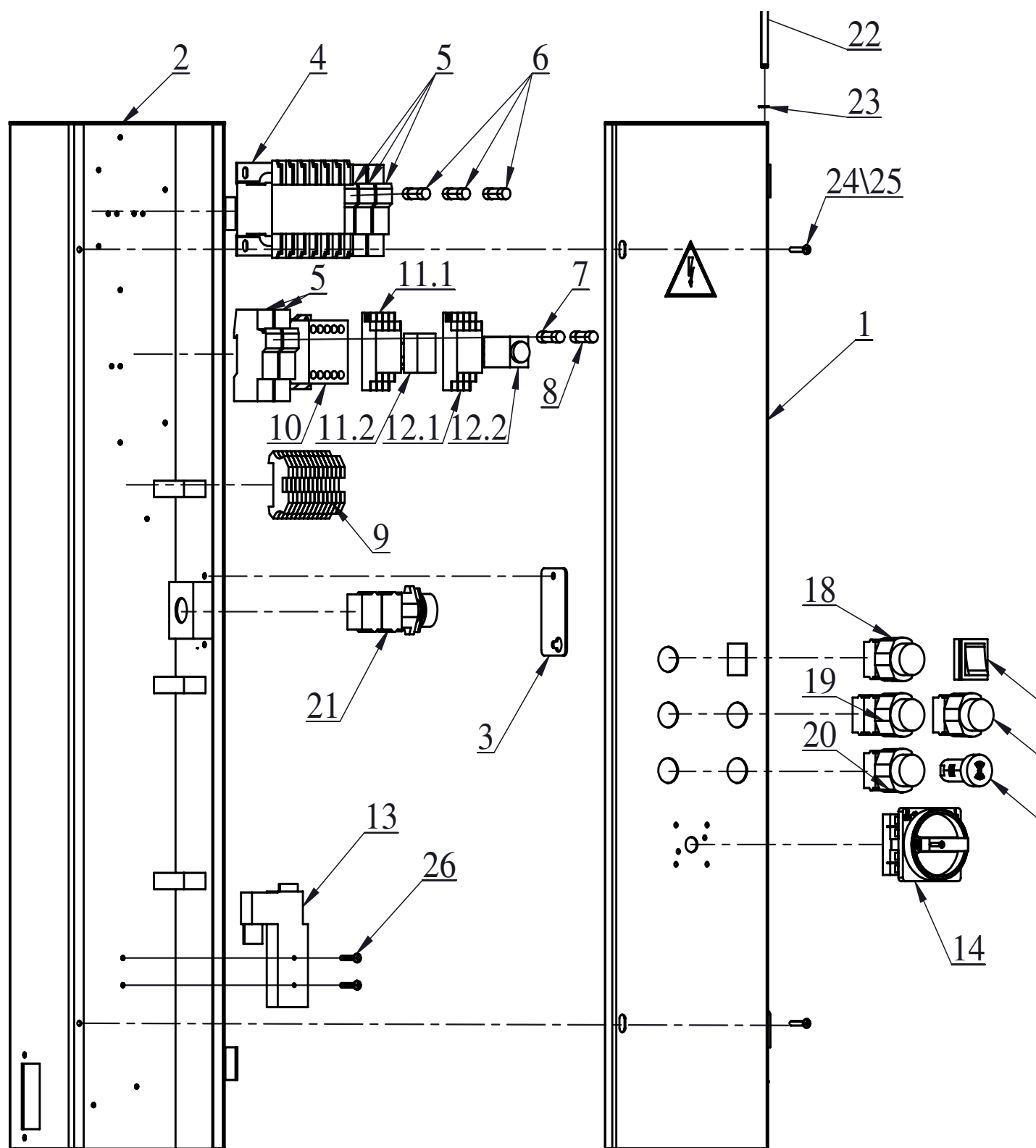


Detail for PB-SM40-13

	PartNo.	Description	Qty
SM40-47/SM40LT-47			
1	MOT40-3012-5	Cable 10015mm)	1
2	MOT40-3012-6	Cable (8630mm)	1
3	MOT40-3012-3	Cable (5290mm)	1
4	MOT40-3012-4	Cable (3355mm)	1
SM40-51			
1	MOT40-3012-1	Cable (10415mm)	1
2	MOT40-3012-2	Cable (9030mm)	1
3	MOT40-3012-3	Cable (5290mm)	1
4	MOT40-3012-4	Cable (3355mm)	1
SM40NB-47/MOT40NB-47			
1	MOT40-3012-7	Cable (9790mm)	1
2	MOT40-3012-8	Cable (8605mm)	1
3	MOT40-3012-9	Cable (5065mm)	1
4	MOT40-3012-10	Cable (3330mm)	1

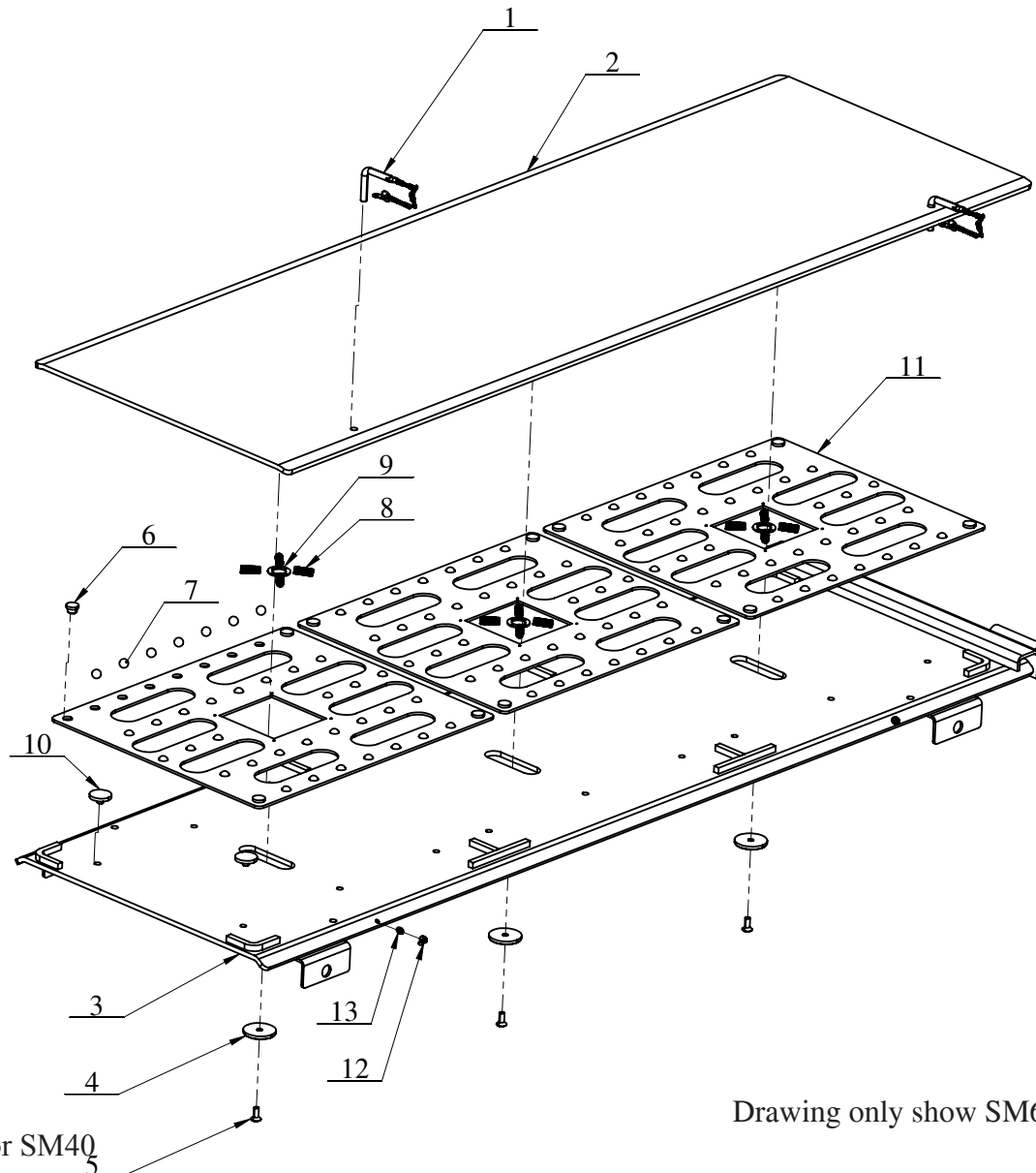


Detail for PB-SM40-14(MOT40-1400B)			
	PartNo.	Description	Qty
1	MOT40-1416	Control box cover weldment	1
2	MOT40-1411	Control box button weldment	1
3	PV4-1032	Cover plate	1
4	JBK5-230/380/400/24VAC	Transformer	1
5	LS501	Fuse base	5
6	RT18-20	Fuse(20A)	3
7	RT18-2	Fuse(2A) left	1
8	RT18-6	Fuse(6A) right	1
9	DK2.5-22/NSM40LT	Terminals component	1
10.1	XTCG012B00B5	Contactor	1
10.2	XTCGXFAC11	Additional contact	1
11.1	FS4COECO	Intermediate relay base	2
11.2	DRM570524LT	Intermediate relay	2
12.1	RXZE1M2C	Time Relay base	1
12.2	RXL2TMB7	Time Relay	1
13	3V210-06AC24V	Exchange valve	2
14	ER254B 4P	Power switch	1
15	AD16-22SM/R	Buzzer	1
16	LA39-A2-12/W	Down to lock button	1
17	KCD1-201N/5A/250VAC	Light switch	1
18	LA39-A2-12/W	Upper button	1
19	LA39-A2-21/K	Down button	1
20	LA39-A2-20/K	Down button in danger zone	1
21	LA39-A2-32-X/K	Switch button	1
22	LA39-A2-30/K	Emergency button for help	1
23	LA39-A2-10/W	oil supplementary button	1
24	PV4-1036	Hinge B	2
25	B60-7	Snap ring $\phi 7$	2
26	B23-5*30	Cross recess head screw M5*30	2
27	B30-5	Nut M5	4
28	B23-4*30	Cross recess head screw M4*30	4



Electrical control box for SM40/SM40NB

Detail for PB-SM40-15(MOT40-1400)			
	PartNo.	Description	Qty
1	MOT40-1406	Control box cover weldment	1
2	MOT40-1401	Control box button weldment	1
3	SM40BMW-47-3213	Cover plate	1
4	JBK5-230/380/400/24VAC	Transformer	1
5	LS501	Fuse base	5
6	RT18-20	Fuse(20A)	3
7	RT18-2	Fuse(2A) left	1
8	RT18-6	Fuse(6A) right	1
9	DK2.5-14/bmw	Terminals component	1
10	AS16-30-01-20	Contactor	1
11.1	FS4COECO	Intermediate relay base	1
11.2	DRM570524LT	Intermediate relay	1
12.1	RXZE1M2C	Time Relay base	1
12.2	RXL2TMB7	Time Relay	1
13	3V210-06AC24V	Exchange valve	2
14	ER254B 4P	Power switch	1
15	AD16-22SM/R	Buzzer	1
16	LA39-A2-10/W	Down to lock button	1
17	KCD1-201N/5A/250VAC	Light switch	1
18	LA39-A2-21/W	Upper button	1
19	LA39-A2-31/K	Down button	1
20	LA39-A2-20/K	Down button in danger zone	1
21	LA39-A2-30/K	Emergency button	1
22	PV4-1036	Hinge B	2
23	B60-7	Snap ring $\phi 7$	2
24	B23-5*30	Cross recess head screw M5*30	2
25	B30-5	Nut M5	4
26	B23-4*30	Cross recess head screw M4*30	2

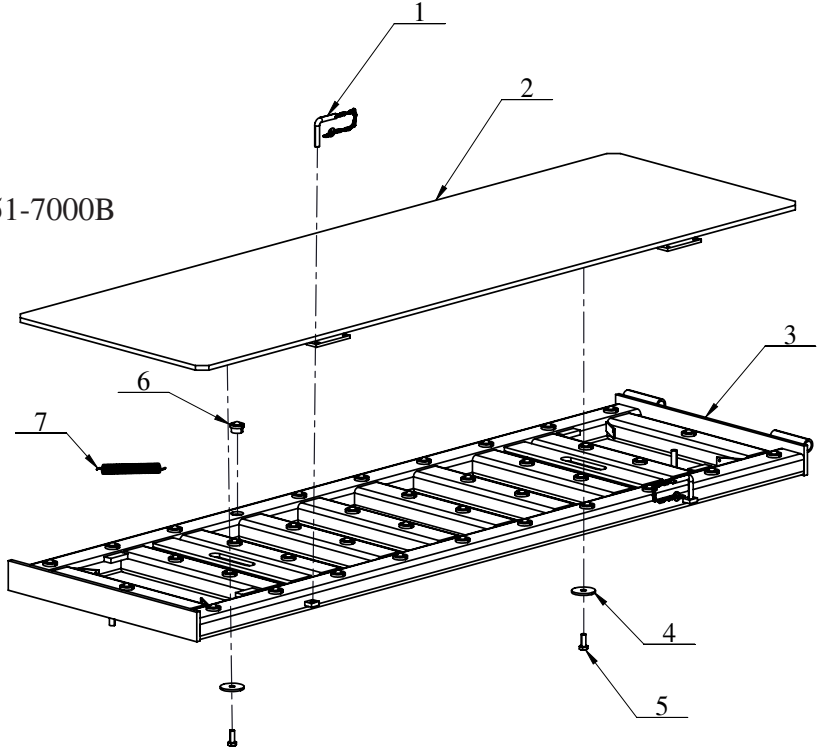


Sliding plate for SM40

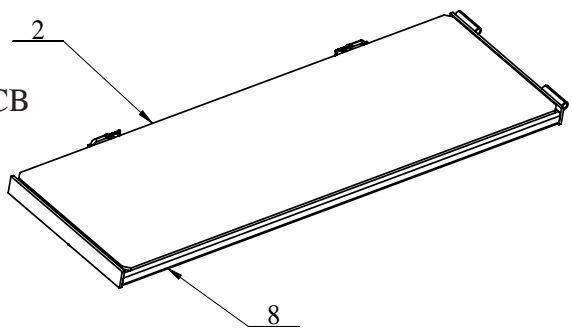
Drawing only show SM60-1300GZP

Detail for PB-SM40-16(SM60-1300GZP&SM60-1300GDCZP)			
	PartNo.	Description	Qty
1	H4P-7500	Lock Pin	2
2	SM60-1317G	Weldment,upper sliding plate	1
3	SM60-1301G	Weldment,down sliding plate	1
4	SM65-2003	Nylon disk	3
5	B26-8*16	Hexagon socket head screw M8*16	3
6	SM60-1521-1	Nylon bolt	12
7	SM60-1315	Plastic ball	108
8	SM60-1316	Spring	12
9	SM60-1522	Spring support ring	3
10	SM60-1521	Nylon bolt	12
11	SM60-1310	Rear slip plate ball retainer	3
12	B23-60*10	Cross recessed pan head M6*10	2
13	B41-6	Flat washer $\phi 6$	2

SM40LT-51-7000B

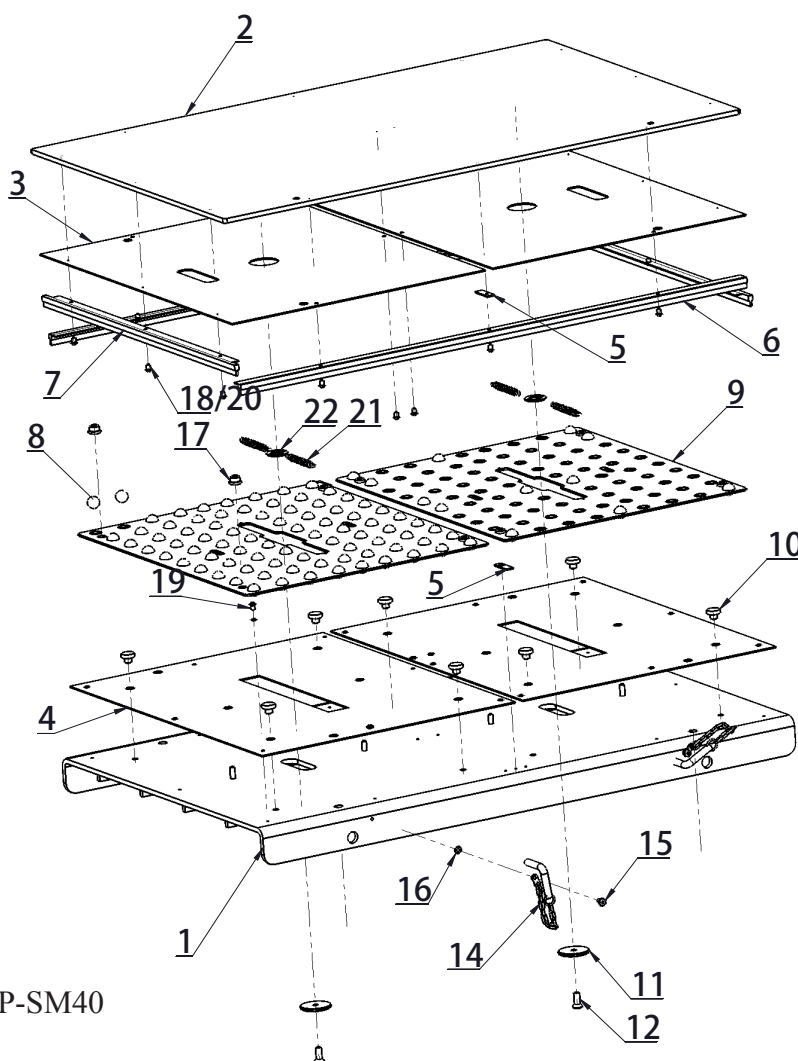


SM40LT-51-7000DCB



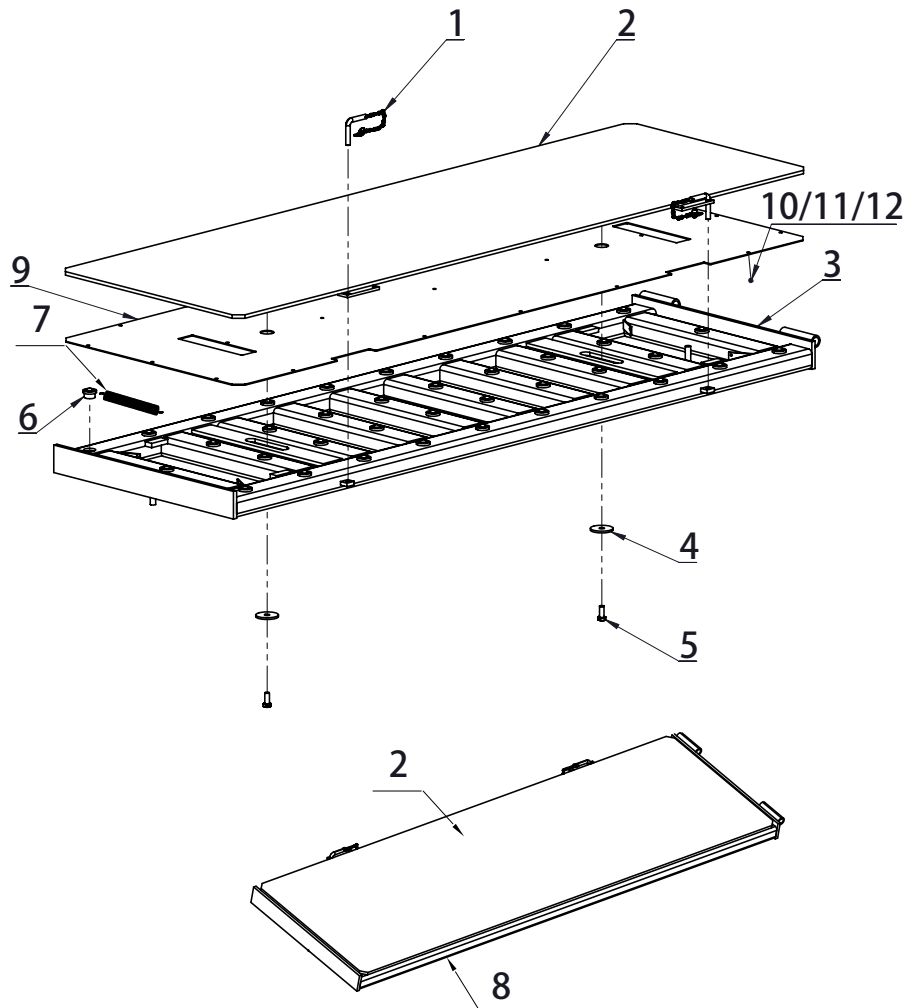
Sliding plate for SM40LT

Detail for PB-SM40-17.1(SM40LT-51-7000B)			
	PartNo.	Description	Qty
1	H4P-7500	Lock Pin	2
2	SM40LT-51-7100B	Weldment,upper sliding plate	1
3	SM40LT-51-7200B	Weldment,down sliding plate	1
4	H4B-7108	Washer	2
5	B10-10*25	Hexagon bolt M10*25	2
6	B73-16	Ball bearing 16	68
7	H4B-7107	Spring	4
Detail for PB-SM40-17.2(SM40LT-51-7000DCB)			
1	H4P-7500	Lock Pin	2
2	SM40LT-51-7100B	Weldment,upper sliding plate	1
8	SM40LT-51-7200DCB	Weldment,down sliding plate	1
4	H4B-7108	Washer	2
5	B10-10*25	Hexagon bolt M10*25	2
6	B73-16	Ball bearing 16	68
7	H4B-7107	Spring	4



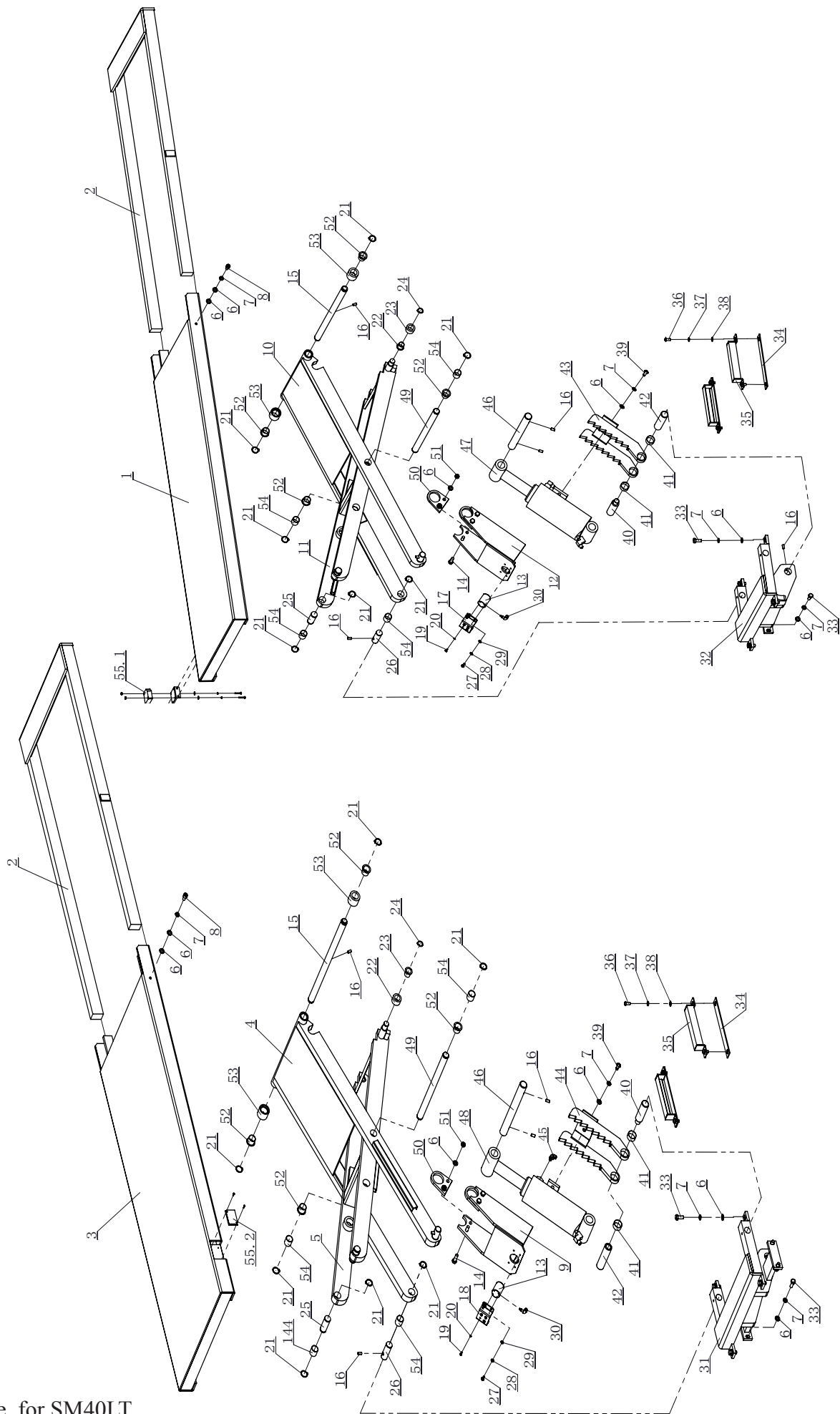
Sliding plate assembly for AKP-SM40

Detail for PB-SM40-18(SM40-4000)			
	PartNo.	Description	Qty
1	SM40-4300	Weldment ,down sliding plate	1
2	SM40-4200	Weldment ,upper sliding plate	1
3	SM40-4003	Stainless steel plate	2
4	SM40-4002	Stainless steel plate	2
5	SM65-3006G	Stainless steel plate	4
6	SM65-3007	Dustproof brush	2
7	SM40-4005	Dustproof brush	2
8	SM65-3008	Steel ball	168
9	SM40-4006	Ball retainer	2
10	SM65-2002	Nylon bolt	8
11	SM65-2003	Nylon disk	2
12	B26-8*16	Hex socket screw M8*16	2
14	H4P-7500	Fixed pin	2
15	B23-6*10	Cross recessed pan head M6*10	2
16	B41-6	Washer Φ6	2
17	SM60-1521-1	Nylon bolt	8
18	B23-5*8	Cross recessed pan head M5*8	14
19	B23-5*12	Cross recessed pan head M5*12	18
20	B40-5	Spring washer Φ5	14
21	NH4D-1011	Spring	4
22	SM60-1522	Spring support ring	2



Detail for PB-SM40-19.1 (SM40LT-47-1713CZP)			
	PartNo.	Description	Qty
1	H4P-7500	Lock Pin	2
2	SM40LT-47-1715C	Weldment,upper sliding plate	1
3	SM40LT-51-7200B	Weldment,down sliding plate	1
4	H4B-7108	Washer	2
5	B10-10*25	Hexagon bolt M10*25	2
6	B73-16	Ball bearing 16	68
7	H4B-7107	Spring	4
9	SM40LT-47-1717C	Stainless steel plate	1
10	B23-5*8	Cross recess screwM6*8	38
11	B41-5	Flat washer 5	38
12	B40-5	Spring washer 5	38
Detail for PB-SM40-19.2(SM40LT-47-1714CZP)			
8	SM40LT-51-7200DCB	Weldment,down sliding plate	1
Others same with Item 1/2/4/5/6/7/9/10/11/12			

Lifting table for SM40LT



Detail for PB-SM40-20(lifting table for SM40LT)			
1	PV4-1800	Table ,Driving side	1
2	PV4-1700	Extend table	2
3	PV4-1900	Table,Driven side	1
4	PV4-4200	Outside frame ,Drive side	1
5	PV4-4400	Inside frame ,Drive side	1
6	B41-10	Flat washer Φ10	26
7	B40-10	Spring washer Φ10	24
8	B20-10×16	Hexagon socket screw with flat point M10×16	4
9	PV4-4850	Upside tooth,driven side	1
10	PV4-4100	Outside frame ,Driving side	1
11	PV4-4300	Inside frame ,Driving side	1
12	PV4-4800	Upside tooth,driving side	1
13	QG05-9100	Air cylinder	2
14	B12-10×30	Hexagon bolt M10×30(10.9)	8
15	PV4-4901	Up-shaft,outside frame	2
16	B21-8×16	Allen flat end set screws M8×16	14
17	PV4-4805	Air cylinder holder,Driving side	1
18	PV4-4851	Air cylinder holder,Driven side	1
19	B23-4×10	Cross head screw M4×10	8
20	B40-4	Spring washer Φ4	8
21	B60-25	Snap ring Φ25	20
22	B781-20215	SF-1 Oil-bearing(SF-1F)20215	4
23	PV4-4905	Wheel	4
24	B60-20	Snap ring Φ20	4
25	PV4-4909	Up-shaft,inside frame	4
26	PV4-4903	Shaft ,outside frame	4
27	B23-6×12	Cross head screw M6×12	8
28	B40-6	Spring washer Φ6	8
29	B41-6	Flat washer Φ6	8
30	SPL6-M5	Fitting	8
31	PV4-4600	Base weldment ,driven side	1
32	PV4-4500	Base weldment ,driving side	1
33	B12-10×25	Hexagon bolt M10×25(10.9)	10
34	PV4-4925	Orbit pad	4
35	PV4-4920	Orbit cover	4
36	B25-8*20	Socket head screw M8*20,Discal head	8
37	B40-8	Spring washer Φ 8	8
38	B41-8	Flat washer Φ8	8

39	B25-10×20	Socket head screw M10×20, Discal head	4
40	PV4-4907	Cylinder Pin A	2
41	B78-3015	SF-1 bearing 3015	4
42	PV4-4908	Cylinder Pin B	2
43	PV4-4700	Downside tooth, driving side	1
44	PV4-4750	Downside tooth, driven side	1
45	SPL6-02	Fitting	1
46	PV4-4906	Shaft	2
47	YG39-9100	Cylinder	1
48	YG40-9100	Cylinder	1
49	PV4-4904	Connect shaft	2
50	PV4-4900	Connect plate, upside tooth	4
51	B33-10	Lock nut M10	8
52	B781-25215	SF-1 Oil-bearing (SF-1F) 25215	8
53	PV4-4902	Wheel	4
54	B78-2525	SF-1 bearing 2525	12
55	LRK-5050-115	Optoelectronic switch kit	1
55.1	LRK-5050-115-1	Optoelectronic switch	1
55.2	LRK-5050-115-2	Switch reflector	1

V . Spare Parts List

For SM40-47/51, SM40NB-47, SM40LT-47/MOT40NB-47

1.



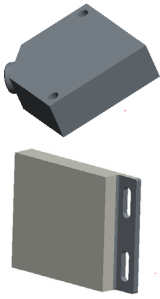
Part.No	Description	Qty	Dim
BMW-2370	Sheave with bearing	11	Φ222*22
See PB-SM40-9/10, For SM40/SM40NB/SM40LT/MOT40			

2.



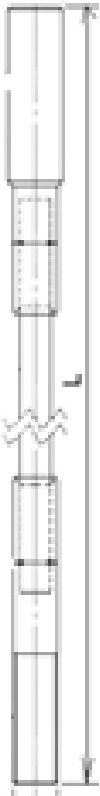
Part.No	Description	Qty	Dim
MOT40-2004	Sheave pin for crossbeam	4	Φ30*102
MOT40-3007	Sheave pin for runway	1	Φ30*147
MOT40-3009	Sheave pin for runway	1	Φ30*147
MOT40-3011	Sheave pin for runway	1	Φ30*147
MOT40-3010	Sheave pin for runway	1	Φ30*147
See PB-SM40-9/10, For SM40/SM40NB/SM40LT			
NMOT40-3111	Sheave pin for runway	1	Φ30*172
NMOT40-3112	Sheave pin for runway	1	Φ30*172
NMOT40-3113	Sheave pin for runway	1	Φ30*172
NMOT40-3114	Sheave pin for runway	1	Φ30*172
MOT40-2004	Sheave pin for crossbeam	4	Φ30*102
See PB-SM40-9/10, For MOT40NB-47			

3.



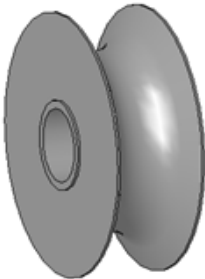
Part.No	Description	Qty
LRK-5050-115	Optoelectronic switch kit	1
LRK-5050-115-1	Optoelectronic switch	1
LRK-5050-115-2	Switch reflector	1
See PB-SM40-16,For SM40LT		

4.



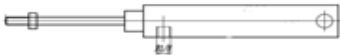
Part.No.	Description	Qty	Dim
For SM40-47/SM40LT-47			
MOT40-3012-3	Cable	1	5290mm
MOT40-3012-4	Cable	1	3355mm
MOT40-3012-5	Cable	1	10015mm
MOT40-3012-6	Cable	1	8630mm
For SM40-51			
MOT40-3012-3	Cable	1	5290mm
MOT40-3012-4	Cable	1	3355mm
MOT40-3012-1	Cable	1	10415mm
MOT40-3012-2	Cable	1	9030mm
For SM40NB-47/MOT40NB-47			
MOT40-3012-7	Cable	1	9790mm
MOT40-3012-8	Cable	1	8605mm
MOT40-3012-9	Cable	1	5065mm
MOT40-3012-10	Cable	1	3330mm
See PB-SM40-11			

5.



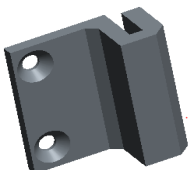
Part.No	Description	Qty
FC553-21Y	Nylon wheel for guiding cable	4
See PB-SM40-9,For SM40/SM40NB/SM40LT/MOT40		

6.



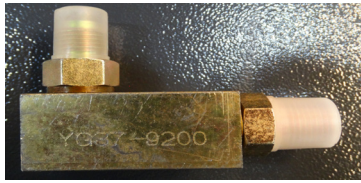
Part.No	Description	Qty
S130061Y	Air cylinder for crossbeam	4
See PB-SM40-9,For SM40/SM40NB/SM40LT/MOT40		

7.



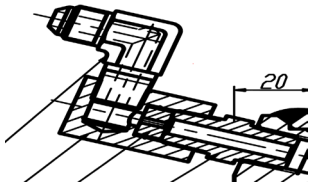
Part.No	Description	Qty
FC622Y	Slider block for yoke end	8
See PB-SM40-9,For SM40/SM40NB/SM40LT/MOT40		

8.



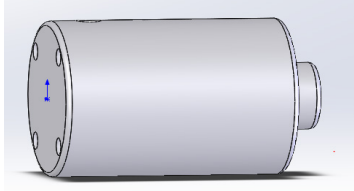
Part.No	Description	Qty
YG37-9200	Throttle valve	1
For SM40/SM40NB/SM40LT /MOT40 main cylinder		

9.



Part.No	Description	Qty
YG39-9200	Throttle valve	1
For SM40LT lifting table cylinder		

10.



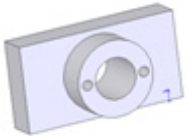
Part.No	Description	Qty
QG05-9100	Air cylinder on lifting table	2
See PB-SM40-16,For SM40LT lifting table		

11.



Part.No	Description	Qty
PV4-3024	Spring on cable end	4
See PB-SM40-10,For SM40/SM40NB/SM40LT/MOT40		

12.



Part.No	Description	Qty
PV4-3020	Nylon block on cable end	1
See PB-SM40-10 ,For SM40/SM40NB/SM40LT/MOT40		

13.



Part.No	Description	Qty
Fc522-25Y	Spring on yoke end	8
See PB-SM40-9,For SM40/SM40NB/SM40LT/MOT40		

14.



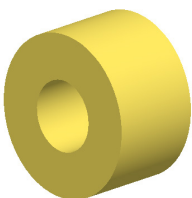
Part.No	Description	Qty
MOT40-3001	Washer between sheaves	11
See PB-SM40-10,For SM40/SM40NB/SM40LT/MOT40		

15.

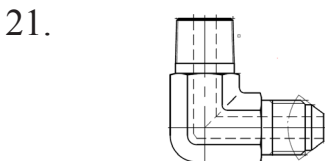
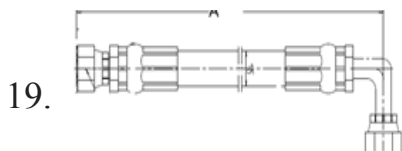
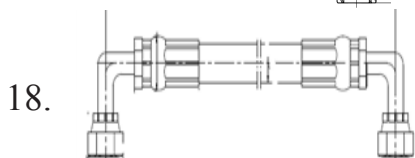
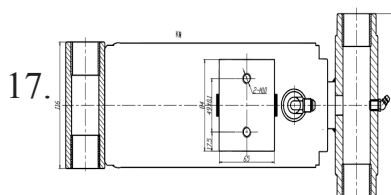


Part.No	Description	Qty	Remark
MOT40-9100	Cylinder for main lift	1	Stroke=1803
See PB-SM40-10,For SM40/SM40NB/SM40LT/MOT40			

16.



Part.No	Description	Qty
SM60-1122	Roller on the cable end	2
See PB-SM40-10 For SM40/SM40NB/SM40LT/MOT40		



Part.No	Description	Qty	Remark
YG39-9100	Cylinder	1	ODΦ114 for lifting table
YG40-9100	Cylinder	1	ODΦ100 for lifting table
See PB-SM40-16, For SM40LT lifting table			

Part.No	Description	Qty	Remark
NSM40LT-9801-1	Hose for lifting table	1	A=3550
For SM40LT			

Part.No	Description	Qty	Remark
2WB-34	Hose for main lift	1	A=5020(-47 lift)
MOT40-9801-1	Hose for main lift	1	A=5400(-51 lift)
SM40LT-9801-7	Hose for lifting table	1	A=896
SM40LT-9801-5	Hose for lifting table	1	A=3636
For SM40/SM40NB/SM40LT/MOT40			

Part.No	Description	Qty	Remark
SM40LT-9801-6	Hose for lifting table	1	A=1116
For SM40LT			

Part.No	Description	Qty	Remark
WR-006	Fitting	1	
For main cylinder on SM40LT lifting table			

Part.No	Description	Qty	Remark
SM65-3011	Plastic bar	2	
SM40/SM40LT with alignment kit			

Part.No	Description	Qty	Remark
BZMOT40-13	package for install for SM40/SM40LT	1	
BZMOT40-18	package for install for MOT40NB-47	1	
Bolts for installing the Power unit and runway			

Part.No	Description	Qty	Remark
BZMOT40-14	package for install SM40/SM40NB/MOT40	1	
BZMOT40-15	Package for install SM40LT	1	
Air maintenance and hydraulic fitting for connecting to PU			

Other hydraulic components

Part.No	Description	Qty	Remark
MOT40-9180	Seal kit for main cylinder	1	
YG39-9180	Seal kit for lifting table cylinder	1	
YG40-9180	Seal kit for lifting table cylinder	1	

ATTACHMENT

Protocol of installation
Completion Certificate

Protocol of installation

BlitzRotary GmbH
Hüfinger Str.55
78199 Bräunlingen,
Germany

- The lift, designation... (Address)... /
- After successful installation please filled completely this form, tick applicable points and sign the form.
 - Copy the original and send them to the manufacturer within a week.
 - Leave a copy in the test book.

The vehicle lift,

Type

Serial number:

was on

by the company
(Address)
.....

set up, checked for function and safety and put into operation.

The installation was carried out by the operator ☐ / Qualified person ☐

the operator confirmed putting up the lift. All details of the operation. All information of the manual as well as the inspection book have been read and observed. These documents are available to the instructed operators at all time and are kept in an accessible place.
The expert (qualified person) confirms the correct installation of the lifting platform.
All information on the operating instructions and the inspection book have been read. The documents were handed over to the operator.

..... Date Name of operator + company stamp Signature operator
---------------	---	-----------------------------

..... Date Name of qualified person Signature qualified person
---------------	-----------------------------------	-------------------------------------

.....
Customer service company

Completion certificate

The vehicle lift

Type

Machine -/serial number:

was on

by the company
(Address)

installed, checked for function and safety and put into operation.
The following persons (operators) have been instructed in the handling of the vehicle lift by the trained installer of the manufacturer or contractor (expert) after the installation of the vehicle lift.

..... Date Name Signature operator
---------------	---------------	-----------------------------

..... Date Name Signature operator
---------------	---------------	-----------------------------

..... Date Name Signature operator
---------------	---------------	-----------------------------

..... Date Name Signature operator
---------------	---------------	-----------------------------

..... Date Name Signature operator
---------------	---------------	-----------------------------

..... Date Name Signature qualified person
---------------	---------------	-------------------------------------

.....
Customer service company + company stamp

ATTACHMENT

Four column lifting platform

SM40-47/51

SM40NB-47

SM40LT-47

MOT40NB-47

Maintenance schedule:

Notes for execution of the visual and
functional testing

Notes for execution of the visual and functional testing

In the scope of periodical inspections, the followings must be checked in particular:

1. Information on the lifting platform	Object to be checked
Nameplate Labeling Summary of the manual	Fastening Readability Completeness
2.Detailed operating instructions	Condition Readability
3.Warnings	Condition Noticeability
4. Protection against unauthorized use	Condition Function Mobility Safety key
5. Actuators	
Lifting, lowering Tilting, tipping Turning, pivoting Switching Opening and closing (of the loading tailgate) Driving Supports	Condition Function Mobility Clear assignment Permanent labeling of the direction of movement Protection against unintentional actuation Locking mechanism of the actuators with multiple controls
6. Emergency shutdown, Emergency drainage	Condition Function Mobility
7. Signalling devices, devices for communication	Condition Function Noticeability Reliability
8. Devices for the stable installation	
Spirit level Supports Spindles Bottom pan Elimination of the spring travel	Condition Function Mobility Wear Deformation Corrosion Cracks
9. Supporting structure	Cracks Deformation Corrosion Mobility of guides, pulleys, hinges, telescopes, Wear of guides, pulleys, hinges, fastening and securing of removable parts Effectiveness of locking mechanisms

10. Load suspension devices	
Protection against sliding Roll-off protection Holding device Protection of the hinged bracket	Condition Function
Safety fence	Condition Corrosion Fastening and securing of removable parts Effectiveness of locking mechanisms Mobility of movable parts
Ground	Surefootedness Deformation Corrosion Fastening and securing of removable parts
Parallel motion on operating platforms	Condition Function Wear Cracks Corrosion
Stowable operating platform	Condition and effectiveness of the locking mechanism
Stairs	Surefootedness Deformation Corrosion Damage Fastening and securing of removable parts Welded connections
11. Steel wire rope Cable connections	Wear Corrosion Wire breakages Wire break nests Pinch points Loosening of the outer layer Bird-caging
Sheaves and pulleys	Cracks Signs of wear Burr formation in the groove Correct aligning of the groove
Rope winding Clamping device Securing at rope bearings Protection against coming off of the rope	Condition Function
12. Steel link chains, chain linkings	Mobility Wear Cracks Securing of the studs, e.g. by rivet head, ring

Chain wheels Sprockets	Condition Function
Clamping device Securing of the chain guide	Condition Function
13. Spindles	Storage Deformation Contamination Wear of the threads Notches Striations Grooves, applications Efficiency of the covering
Main nut	Wear of the thread (play)
Compensation ring	Bearing Condition Notches Striations
14. Racks	Fastening Wear Contamination Joints of jointed racks
Pinions	Cracks Wear Contamination Fastening and play of the spindle
15. Hydraulics	Leakage Leak test Venting
Oil reservoir	Condition and readability of the display Control of the oil quantity Efficiency of the shut-off device in case of lack of oil
Lines Line connections	Fastening Damages Deformation Corrosion
Hoses Hose connections	Fastening Damage Age Brittleness Porosity
Cylinders	Fastening Cracks Pipe connections and hose connections Tightness of the sleeves
Pistons	Surface of the piston rod Striations Contamination

Filters	External condition
Pressure control valve	External condition Lead seal undamaged
16. Pneumatics	
Lines Line connections	Leakage Fastening Damage Deformation Corrosion
Hoses Hose connections	Fastening Damage Age Brittleness Porosity
Cylinders	Fastening, cracks, pipe connections and hose connections Tightness of the sleeves
Pistons	Surface of the piston rod, striations, contamination
Relief valve	External condition, lead seal undamaged
Gauge, pressure reducer	External condition and effectiveness
17. Driving mechanisms (without bogie)	Connections of parts of the driving mechanism shock-free starting
Brakes, self-locking gearbox, couplings	Wear, effectiveness
18. Driving carriage, bogie	
Service brakes, emergency brakes	Wear, effectiveness
Drawbar protection	Condition, effectiveness
Positive guide, guide rail Rail joints, end stops, cow-catcher Protection against derailling	Deformation, cracks, condition of the fastening
19. Points of access and points of loading	Surefootedness, deformation of handrails, damage Corrosion, securing of removable parts
20. Electrical equipment	
Lines	Damage, fastening, strain relief of external lines
Protective earth	Damage, fastening
21. Insulation on aerial work platforms, as far as the aerial work platform is intended for work on or near unprotected, live parts of electrical installations	
Insulation work platform/lifting equipment as well as lifting equipment/driving carriage	Contamination, damage, insulation resistance
22. Special safety devices	
Emergency limit switch, slack rope switch, rope break switch, chain fracture switch, control locks, switch-off strips, restart protection, anti-tipping device (for stowable work platforms), safety catch, completeness	Effectiveness, fastening, condition Deformation, effectiveness of the switch elements, contamination, condition of pressure springs

These notes do not claim to be complete, and they must be matched to the lifting platforms to be examined.

ATTACHMENT

Four column lifting platforms
Inspection log

Inspection log for lifting platforms

Type: _____

Serial number: _____

Year of construction: _____

Operator: _____

Day of first commissioning: _____

BlitzRotary GmbH
Hüfinger Straße 55
D-78199 Bräunlingen



Telephone +49.771.9233.0
Fax +49.771.9233.99
europe@rotarylif.com
www.rotarylif.com

Master sheet for vehicle lift

General information

Manufacturer or supplier of the vehicle lift:

BlitzRotary GmbH

Huefinger Str.55, 78199 Braeunlingen, Germany

Description: 4-post lift

Type: SM40-47/51, SM40NB-47, MOT40NB-47

Year of construction:

Serial-no:

Date of first time operation:

Load capacity: 4000 kg

Permissible load distribution: 1:2 or 2:1 (front/rear)

For stay under the load suspension device means: **yes**

Set up for loading the suspension device: **no**

Suitable for driving on the load suspension device: **no**

Suitable for use as a lifting platform: **no**

Operating speeds

Maximum lifting speed **4.9** cm / sec

Maximum lowering speed **4.0** cm / sec

Engines

Drive type of supports: **Electrohydraulic**

Carrying equipment

Steel wire ropes: According to RR-W-410, Mil-DTL-83420
EN12385-4 (formerly DIN3060)

Diameter: 11 mm, 6x19+1WRC

Strength of the single wire: 1960N / mm²

Minimum breaking force: 23400 lbs

Corrosion protection: galvanic

Function: Rope drives

Electrical equipment

Operating voltage: 3Ph/PE / 400V / 50Hz

Control voltage: 24V AC

Type of protection: IP54

Equipment suitable for use in workshops and workshops

Equipment not be used at explosion proof areas.

Safety devices

Securing of lifting device against unintended lifting or lowering movement in case of wire rope breakage:

Automatic mechanical locking device as catch system

Securing the lifting device against accidental raising or lowering in case of leakage in the pipe system:

Poppet valve – normal closed, automatic catch system, cylinder with flow control valve for lowering,

Securing the hydraulics against excessively high pressures:

Hydraulic circuit operating pressure: 170 bar

Response pressure of the pressure relief valves: 170-185 bar

Other security devices:

Main switch with emergency stop function, foot protection on the lift column, dead man push button.

Master sheet for vehicle lift

General information

Manufacturer or supplier of the vehicle lift:

BlitzRotary GmbH

Huefinger Str.55, 78199 Braeunlingen, Germany

Description: 4-post lift

Type: SM40LT-47

Year of construction:

Serial-no:

Date of first time operation:

Load capacity: main lift 4000 kg, lifting table :3000kg

Permissible load distribution for main lift: 1:2 or 2:1 (front/rear)

Permissible load distribution for lifting table: 3:2 or 2:3 (front/rear)

For stay under the load suspension device means: **yes**

Set up for loading the suspension device: **no**

Suitable for driving on the load suspension device: **no**

Suitable for use as a lifting platform: **no**

Operating speeds

Maximum lifting speed **4.9** cm / sec

Maximum lowering speed **4.0** cm / sec

Engines

Drive type of supports: **Electrohydraulic**

Carrying equipment

Steel wire ropes: According to RR-W-410, Mil-DTL-83420
EN12385-4 (formerly DIN3060)

Diameter: 11 mm, 6x19+1WRC

Strength of the single wire: 1960N / mm²

Minimum breaking force: 23400 lbs

Corrosion protection: galvanic

Function: Rope drives

Electrical equipment

Operating voltage: 3Ph/PE / 400V / 50Hz

Control voltage: 24V AC

Type of protection: IP54

Equipment suitable for use in workshops and workshops

Equipment not be used at explosion proof areas.

Safety devices

Securing of lifting device against unintended lifting or lowering movement in case of wire rope breakage:

Automatic mechanical locking device as catch system

Securing the lifting device against accidental raising or lowering in case of leakage in the pipe system:

Poppet valve – normal closed, automatic catch system, cylinder with flow control valve for lowering,

Securing the hydraulics against excessively high pressures:

Hydraulic circuit operating pressure: 180 bar

Response pressure of the pressure relief valves: 180-195 bar

Other security devices:

Main switch with emergency stop function, foot protection on the lift column, dead man push button.

Photo sensor for lifting table runways in case of lifting height difference >50mm.

Test Report

Of a periodic/special examination

The lifting platform underwent an examination regarding operational readiness on _____

The following/no*) faults found.

Test scope _____

Still pending _____

Partial tests

There are no*) reasons against continued operation, retesting is not*) required.

The technical expert/surveyor

(Place ,date)

(Signature)

Name and address

(in block letters) _____

Job title _____

Employed at _____

Operator or Representative

Deficiencies noted

(Place ,date)

(Signature)

Deficiencies fixed

(Place ,date)

(Signature)

Retesting

The lifting platform underwent retesting on _____

The deficiencies which were pointed out in the examination have not*) been fixed yet.

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The technical expert/surveyor

(Place ,date)

(Signature)

Name

and

address

(in block letters) _____

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(Place ,date)

(Signature)

Deficiencies fixed

(Place ,date)

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Name and address

(in block letters) _____

Job title _____

Employed at _____

Operator or Representative

Deficiencies noted

_____ (Place ,date) _____ (Signature)

Deficiencies fixed

_____ (Place ,date) _____ (Signature)

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(in block letters)

Job title

Employed at

Operator or Representative

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(Place ,date)

(Signature)

Deficiencies fixed

(Place ,date)

(Signature)

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Job title

Employed at

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Still pending _____

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(Signature)

Name and address

(in block letters) _____

Job title _____

Employed at _____

Operator or Representative

Deficiencies noted

(Place ,date)

(Signature)

Deficiencies fixed

(Place ,date)

(Signature)

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(Place ,date)

(Signature)

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and

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(in block letters) _____

Job title _____

Employed at _____

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The following/no*) faults found.

Test scope _____

Still pending _____

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(Place ,date)

(Signature)

Name and address

(in block letters) _____

Job title

Employed at _____

Operator or Representative

Deficiencies noted

(Place ,date)

(Signature)

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(Place ,date)

(Signature)

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The technical expert/surveyor

(Place ,date)

(Signature)

Name

and

address

(in block letters) _____

Job title

Employed at _____

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Still pending _____

Partial tests

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(Place ,date)

(Signature)

Name and address

(in block letters) _____

Job title _____

Employed at _____

Operator or Representative

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(Place ,date)

(Signature)

Deficiencies fixed

(Place ,date)

(Signature)

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The technical expert/surveyor

(Place ,date)

(Signature)

Name

and

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(in block letters) _____

Job title _____

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Test scope _____

Still pending _____

Partial tests

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The technical expert/surveyor

(Place ,date)

(Signature)

Name and address

(in block letters) _____

Job title _____

Employed at _____

Operator or Representative

Deficiencies noted

(Place ,date)

(Signature)

Deficiencies fixed

(Place ,date)

(Signature)

Retesting

The lifting platform underwent retesting on _____

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There are no*) reasons against continued operation, retesting is not*) required.

The technical expert/surveyor

(Place ,date)

(Signature)

Name

and

address

(in block letters) _____

Job title _____

Employed at _____

[illegible]

repairs

Type

Date/Name

**Contact Your Nearest Authorized Rotary Parts Distributor
For Genuine Rotary Replacement Parts.
Please see the parts breakdown.**

DATE	REV.	CHANGE MADE
07-10-14	A	New annex manual for SM40/SM40NB/SM40LT release
04-06-15	B	Update the column assembly
01-03-16	C	Add parts break down information for MOT40NB-47

BlitzRotary GmbH
Hüfinger Straße 55
D-78199 Bräunlingen



Tel +49.771.9233.0
Fax +49.771.9233.99
info@blitzrotary.com
www.blitzrotary.com

USA: +1.812.273.1622 (Headquarter)
Canada: +1.905.812.9920
United Kingdom: +44.178.747.7711
AustralAsia: +60.3.7660.0285

Latin America/Caribbean: +1.812.273.1622
Middle East/Northern Africa: +49.771.9233.0
Southern Africa: 1.812.273.1622
Brazil: +55.11.4534.1995

