

SYG-I (Single frame)

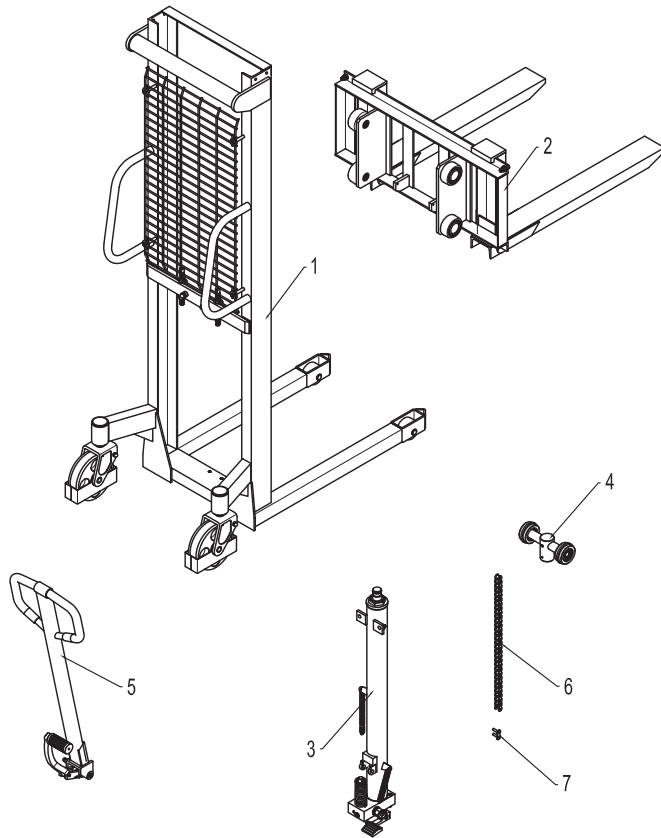
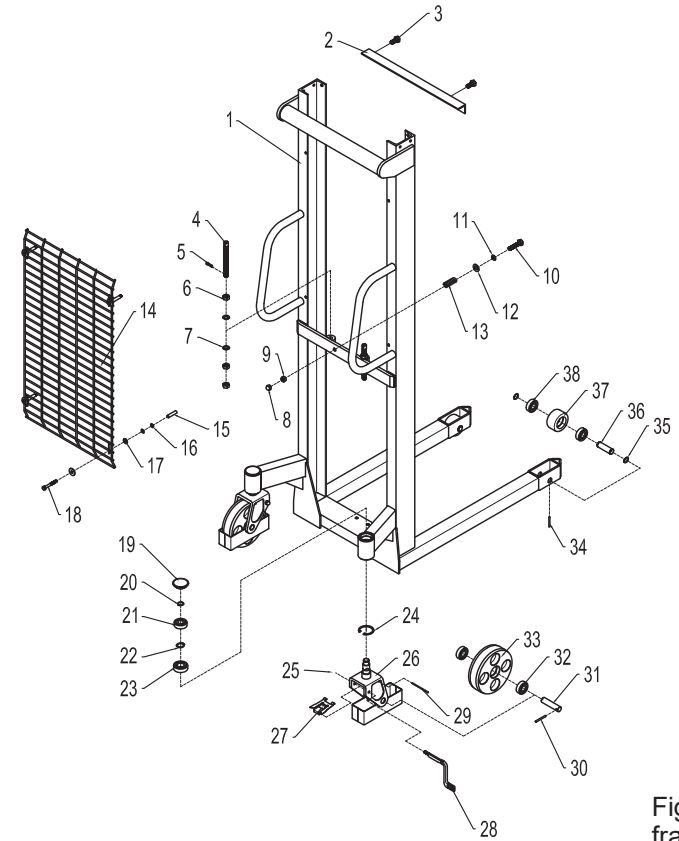


Fig.1

NO	Part name	QTY	Remarks	NO	Part name	QTY	Remarks
1	frame assembly	1	see Fig.2	6	Chain 10a-1 / 68l	2	SYG0.5t-1t
2	Lifting frame assembly 0.5T	1	see Fig.3	6	Chain 12a-1 / 58L	2	SYG1.5t
2	Lifting frame assembly	1	see Fig.3	6	Chain 16a-1 / 44l	2	SYG2t
3	Cylinder assembly	1	see Fig.4	7	Chain lock 10a-1	2	SYG0.5t-1t
4	Sprocket assembly	1	see Fig.5	7	Chain lock 12a-1	2	SYG1.5t
5	Control handle assembly	1	see Fig.6	7	Chain lock 16a-1	2	SYG2t

Fig.2
frame assembly

NO	Part name	QTY	Remarks	NO	Part name	QTY	Remarks	NO	Part name	QTY	Remarks
1	Frame weldment	1		10	Hexagon bolt M12 × 55	2		26	Rear wheel fork weldment	2	
2	Upper connecting rod	1	SYG0.5t	11	Spring pad Φ 12	2		27	Brake pads	2	
2	Upper connecting rod	1	SYG1t-1.5t	12	Flat cushion Φ 12	2		28	Brake lever	2	
2	Upper connecting rod	1	SYG2t	13	Spring Φ 18 × Φ 2.5 × 25	2		29	Brake pad fixing rod	2	
3	Hexagon bolt M10 × 20	6		14	Safety net	1	SYG0.5t	30	Elastic pin Φ 5 × 50	2	
4	Connecting bolt	2	SYG0.5t-1t	14	Safety net	1	SYG1t-2t	31	Rear axle	2	
4	Connecting bolt	2	SYG1.5t	15	Aluminum tube	4		32	Bearing 6204	4	
4	Connecting bolt	2	SYG2t	16	Flat cushion Φ 8	4		33	Rear wheel Φ 180 × 50	2	
5	Split pin Φ 3 × 35	2	SYG1t-2t	17	Mesh gasket	8		34	Elastic pin Φ 5 × 50	2	SYG1t-2t
6	Nut M14	6	SYG0.5t-1t	18	Hexagon bolt M8 × 60	4		35	Shaft retaining ring Φ 20	4	
6	Nut M16	6	SYG1.5t	19	Shaft sleeve plastic cover	2		36	Front axle	2	SYG0.5t
6	Nut M20	6	SYG2t	20	Shaft retaining ring Φ 20	2		36	Front axle	2	SYG1t-2t
7	Flat cushion Φ 14	4	SYG0.5t-1t	21	Bearing 6204	2		37	Front wheel Φ 75 × 42	2	SYG0.5t
7	Flat cushion Φ 16	4	SYG1.5t	22	Shaft retaining ring Φ 25	2		37	Front wheel Φ 80 × 60	2	SYG1t-2t
7	Flat cushion Φ 20	4	SYG2t	23	Bearing 6205	2		38	Bearing 6204	4	
8	Cover nut M12	2		24	Hole retaining ring Φ 52	2					
9	Nut M12	2		25	Lock nut M8	2					

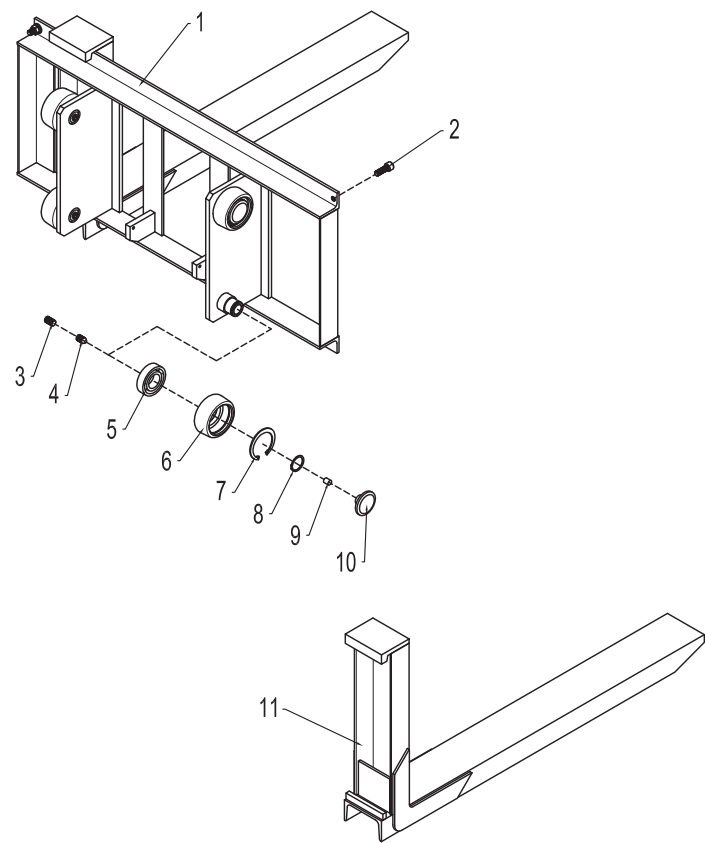


Fig.3
Lifting frame assembly 0.5T

NO	Part name	QTY	Remarks
1	Lifting frame weldment	1	SYG0.5t
2	Hexagon bolt M10 × 30	2	
3	Hexagon socket flat end set screw M12 × 20	4	
4	Hexagon socket set screw with cone end M12 × 20	4	
5	Bearing 6206	4	
6	Roller	4	SYG0.5t-1t
7	Φ 62 hole retaining ring	4	
8	Shaft retaining ring Φ 30	4	
9	Adjusting pad mandrel	4	
10	Nylon adjusting pad	4	
11	Fork arm weldment	2	SYG0.5t

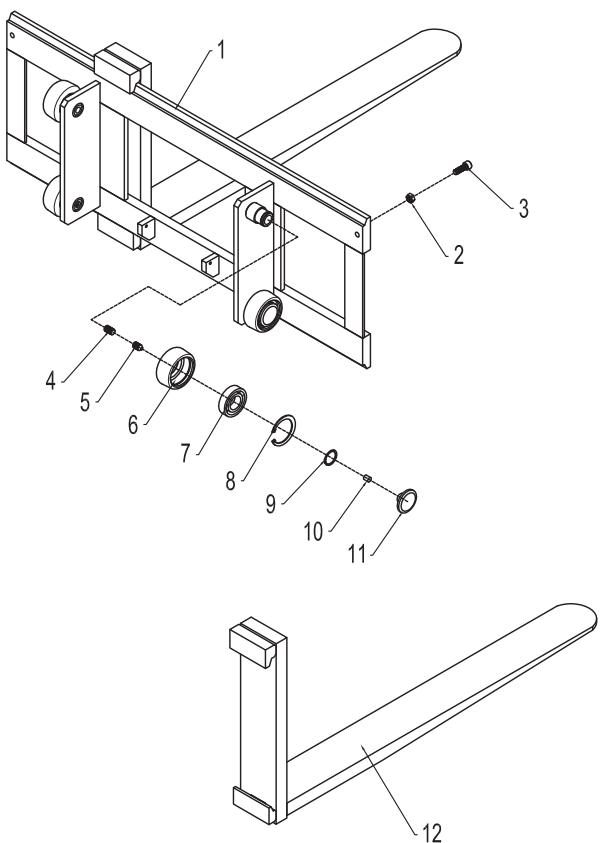


Fig.3
Lifting frame assembly

NO	Part name	QTY	Remarks	NO	Part name	QTY	Remarks
1	Lifting frame weldment	1	SYG1t-2t	8	Hole retaining ring Φ 80	4	SYG1.5t-2t
2	Nut M10	2		8	Φ 62 hole retaining ring	4	SYG0.5t-1t
3	Hexagon bolt M10 × 30	2		9	Shaft retaining ring Φ 35	4	SYG1.5t-2t
4	Hexagon socket flat end set screw M12 × 20	4		9	Shaft retaining ring Φ 30	4	SYG0.5t-1t
5	Hexagon socket set screw with cone end M12 × 20	4		10	Adjusting pad mandrel	4	
6	Roller	4	SYG0.5t-1t	11	Nylon adjusting pad	4	
6	Roller	4	SYG1.5t-2t	12	Fork arm weldment	2	SYG1t
7	Bearing 6206	4	SYG0.5t-1t	12	Fork arm weldment	2	SYG1.5t
7	Bearing 6307	4	SYG1.5t-2t	12	Fork arm weldment	2	SYG2t

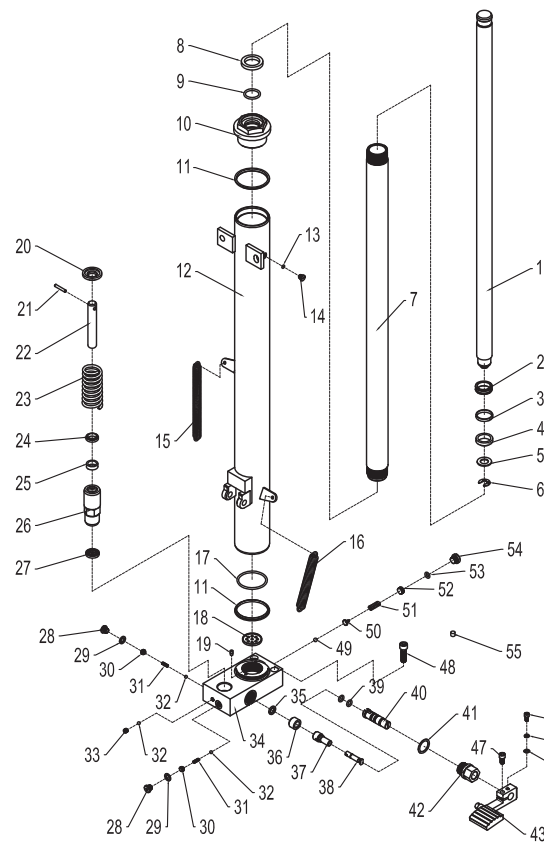


Fig.4
Cylinder assembly

NO	Part name	QTY	Remarks	NO	Part name	QTY	Remarks	NO	Part name	QTY
1	Lifting rod	1		21	Cylindrical pin $\Phi 5 \times 32$	1		37	valve body	1
2	Plug ring	1		22	Compression bar	1	SYG0.5t-1t	38	spool	1
3	Wear resistant belt $D32 \times D35 \times 5.4$	1		22	Compression bar	1	SYG1.5t-2t	39	O-ring $d12.5 \times 2.65$	2
4	Y-ring $D35 \times d27 \times 10$	1		23	Conical spring	1	SYG0.5t-1t	40	Stem	1
5	Flat cushion $\Phi 16$	1		23	Conical spring	1	SYG1.5t-2t	41	Copper pad $\Phi 32 \times \Phi 25 \times 1.5$	1
6	Split ring $\Phi 12$	1		24	Dust ring $D18 \times D26 \times 4.5$	1	SYG0.5t-1t	42	Sealing nut	1
7	Lifting cylinder	1		24	Dust ring $D16 \times D24 \times 4.5$	1	SYG1.5t-2t	43	Oil drain pedal	1
8	Framework oil seal $D32 \times D45 \times 7$	1		25	Y-ring $D24 \times D18 \times 8$	1	SYG0.5t-1t	44	Flat cushion $\Phi 8$	1
9	O-ring $d31.5 \times 3.55$	1		25	Y-ring $D22 \times D16 \times 8$	1	SYG1.5t-2t	45	Spring pad $\Phi 8$	1
10	Cylinder nut	1		26	Compression cylinder	1	SYG0.5t-1t	46	Hexagon bolt $M8 \times 30$	1
11	Seal ring $\Phi 72.5 \times \Phi 66 \times 5$	2		26	Compression cylinder	1	SYG1.5t-2t	47	Hexagon socket screw $M6 \times 12$	1
12	Cylinder weldment	1		27	Filter pad of compression cylinder	1		48	Hexagon socket screw $M10 \times 45$	2
13	Oil hole screw	1		28	Pressure regulating sealing screw	2		49	Steel ball $s \Phi 7.5$	1
14	O-ring $D5 \times 2.65$	1		29	Combined washer $\Phi 10$	2		50	Pressure regulating spring seat	1
15	Handle spring	1		30	Pressure regulating screw	1		51	Pressure regulating spring	1
16	Oil drain pedal spring	1		31	Valve core spring $d5.5 \times d0.7 \times 15$	1		52	Pressure regulating screw	1
17	O-ring $D60 \times 3.55$	1		32	Steel ball $s \Phi 6$	4		53	O-ring $d11.2 \times 2.65$	1
18	Nylon pad for lifting cylinder	1		33	Hexagon socket flat end set screw $M8 \times 10$	1		54	Pressure regulating valve sealing screw	1
19	Oil inlet nozzle	1		34	Valve plate	1		55	Magnet $\Phi 10 \times 3$	1
20	Spring pad	1	SYG0.5t-1t	35	a seal	1				
20	Spring pad	1	SYG1.5t-2t	36	sucker	1				

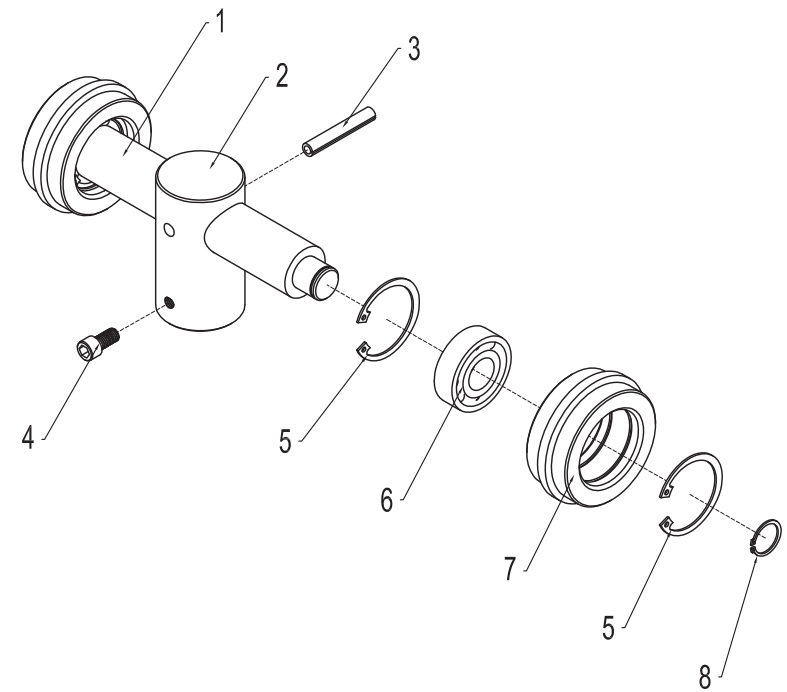


Fig.5
Sprocket assembly

NO	Part name	QTY	Remarks
1	Sprocket shaft	1	SYG0.5t-1t
1	Sprocket shaft	1	SYG1.5t
1	Sprocket shaft	1	SYG2t
2	Lifting rod joint	1	SYG0.5t-1t
2	Lifting rod joint	1	SYG1.5t-2t
3	Elastic pin $\Phi 8 \times 50$	1	
4	Hexagon socket screw $M8 \times 16$	1	
5	Hole retaining ring $\Phi 47$	2	SYG0.5t-1t
5	Hole retaining ring $\Phi 52$	2	SYG1.5t
5	Hole retaining ring $\Phi 72$	2	SYG2t
6	Bearing 6204	4	SYG0.5t-1t
6	Bearing 6205	4	SYG1.5t
6	Bearing 6306	4	SYG2t
7	Sprocket	2	SYG0.5t-1t
7	Sprocket	2	SYG1.5t
7	Sprocket	2	SYG2t
8	Shaft retaining ring $\Phi 20$	2	SYG0.5t-1t
8	Shaft retaining ring $\Phi 25$	2	SYG1.5t
8	Shaft retaining ring $\Phi 30$	2	SYG2t

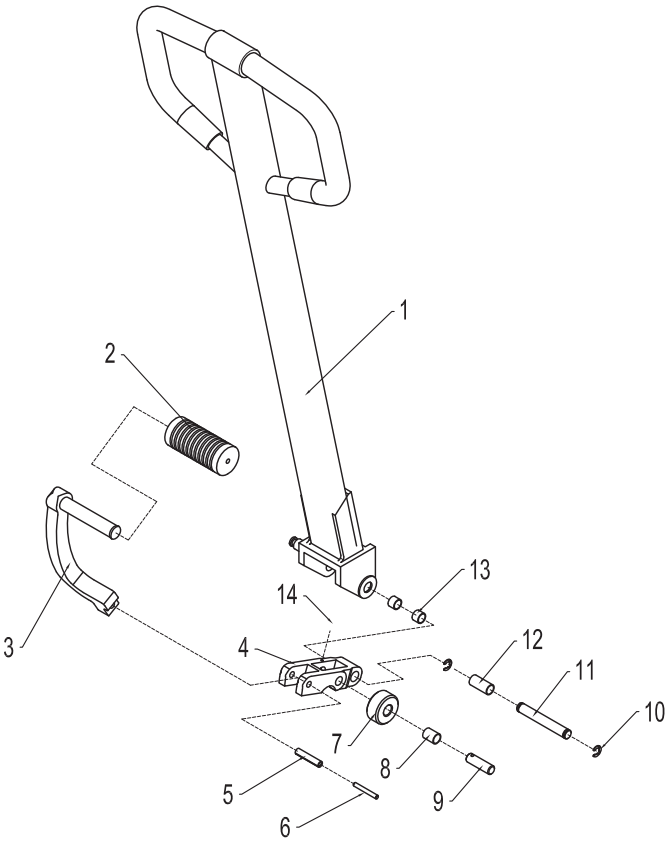


Fig.6
Control handle assembly

NO	Part name	QTY
1 ✓	Handle weldment	1
2 ✓	Rubber tread cover	1
3 ✓	Step bar	1
4 ✓	Step on the lever	1
5 ✓	Elastic pin Φ 8 × 40	1
6 ✓	Cylindrical pin Φ 5 × 40	1
7 ✓	Roller	1
8 ✓	Composite bushing D14 × D12 × 18	1
9 ✓	Compression axle	1
10 ✓	Split ring Φ 9	2
11 ✓	Handle pin	1
12 ✓	Composite bushing D14 × D12 × 30	1
13 ✓	Composite bushing D14 × D12 × 10	2
14 ✓	Elastic pin Φ 3 × 24	1

SYG-II (double frame)

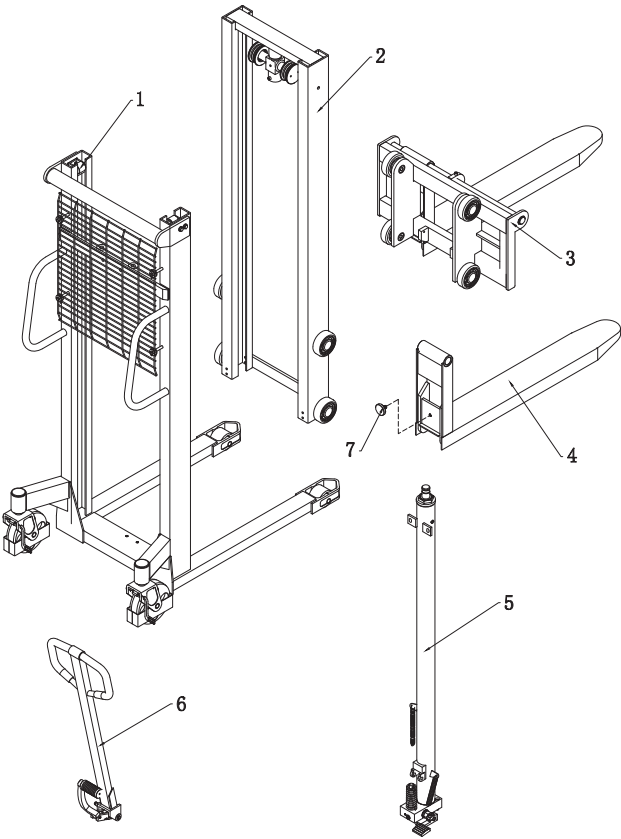


Fig.1

NO	Part name	QTY	Remarks
1	frame assembly	1	see Fig.2
2	Inner door frame assembly	1	see Fig.3
3	Lifting frame assembly	1	see Fig.4
4	Fork assembly	2	
5	Cylinder assembly	1	see Fig.5
6	Control handle assembly	1	see Fig.6
7	Fork adjusting screw	2	