

Operation Manual GEARED TROLLEY

(A) INSTALL

1. Measure I-beam W-dimension.(FIGURE 1)
2. Use adjusting collar to adjust the Trolley range to fit I-Beam.(FIGURE 2 & 3)
3. Make sure the Hook Receiving right in the center of the two side plate.(FIGURE 4)
4. Completely tighten the Nylon Nut.

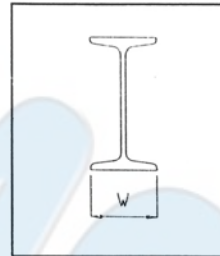


FIGURE 1

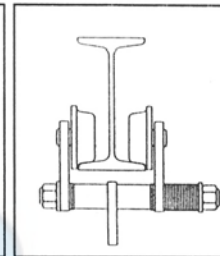


FIGURE 2

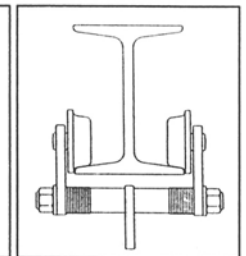


FIGURE 3

(B) IMPORTANT SAFETY INFORMATION

1. Do not over loading. (FIGURE 5)
2. Load just under the trolley. Do not operate the trolley loaded slantwise. (FIGURE 6)
3. This trolley is not used to transport people or for loads over areas where people could be present.

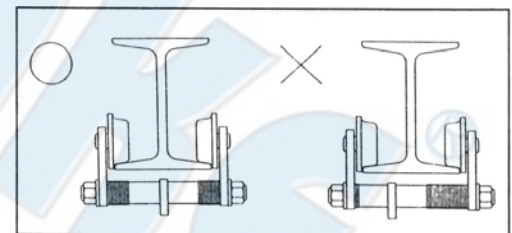


FIGURE 4

(C) MAINTENANCE & INSPECTION

- User have to check the Nylon Nut for Suspended Shaft periodically, to ensure the Nylon Nut completely tighten.
- Regarding the maintenance of Geared Trolley, keep the Pinion Gear well lubricated for continued smooth performance.

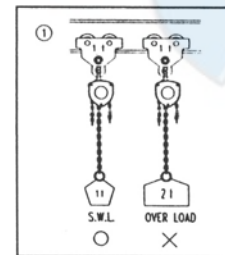


FIGURE 5

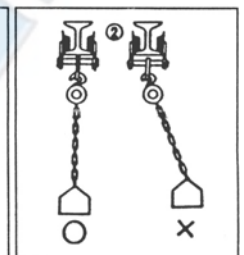


FIGURE 6

(D) IMPORTANT SAFETY INFORMATION

Item No.	Cap.	Test Load	Standard I-Beam (mm)		Max. distance between spans (M)		Track Widths Adjustable Ranges	Min. Curve Radius	Length of hand chain
	Ton	Ton	Min Size	Max. Size	Min Size	Max. Size	mm	M	M
HGT-500	0.5	0.75	125 x 75 x 5.5	250 x125 x7.5	3.0	8.0	62 -128	0.8	2.5
HGT-1000	1	1.5	125 x 75 x 5.5	250 x125 x7.5	2.5	6.0	62 - 128	1.0	2.5
HGT-2000	2	3.0	180 x 100 x 6	350 x150 x 9	3.0	9.0	88 - 154	1.3	2.5
HGT-3000	3	4.5	200 x 100 x7	350 x 150 x9	2.7	4.5	87 - 153	1.5	2.5
HGT-5000	5	7.5	250 x 125 x 10	500 x 190 x11.5	4.0	5.5	106 - 194	1.5	2.5
HGT-10000	10	15	300 x 150 x11.5	600 x190 x 16	2.0	7.0	125 - 310	2.7	2.5

(E) NOISE INFORMATION

- Operating Conditions : Full loading
- Measurement method : Circling the Trolley at a distance of 1 metre from the surface of the Trolley and at height of 1.6 metres from the floor.
- The value of the maximum sound pressure is : Plain Trolley - 58 dB
Geared Trolley - 69 dB





EC DECLARATION OF CONFORMITY

We: **SUMAKE INDUSTRIAL CO., LTD.**

4F, No. 351, Yangguang St., Neihu District, Taipei City, Taiwan

declare in sole responsibility that the equipment

Equipment : **GEARED TROLLEY 0.5(1)(2)(3)(5)(10) TON**

Model/ Serial No. : **HGT-500(1000)(2000)(3000)(5000)(10000)**

to which this declaration applies, complies with these normative documents:

- Machinery Directive: 2006/42/EC

and conforms to the following EN standard,

- EN ISO 12100: 2010
- EN 13157:2004+A1:2009

Name and Signature/Position

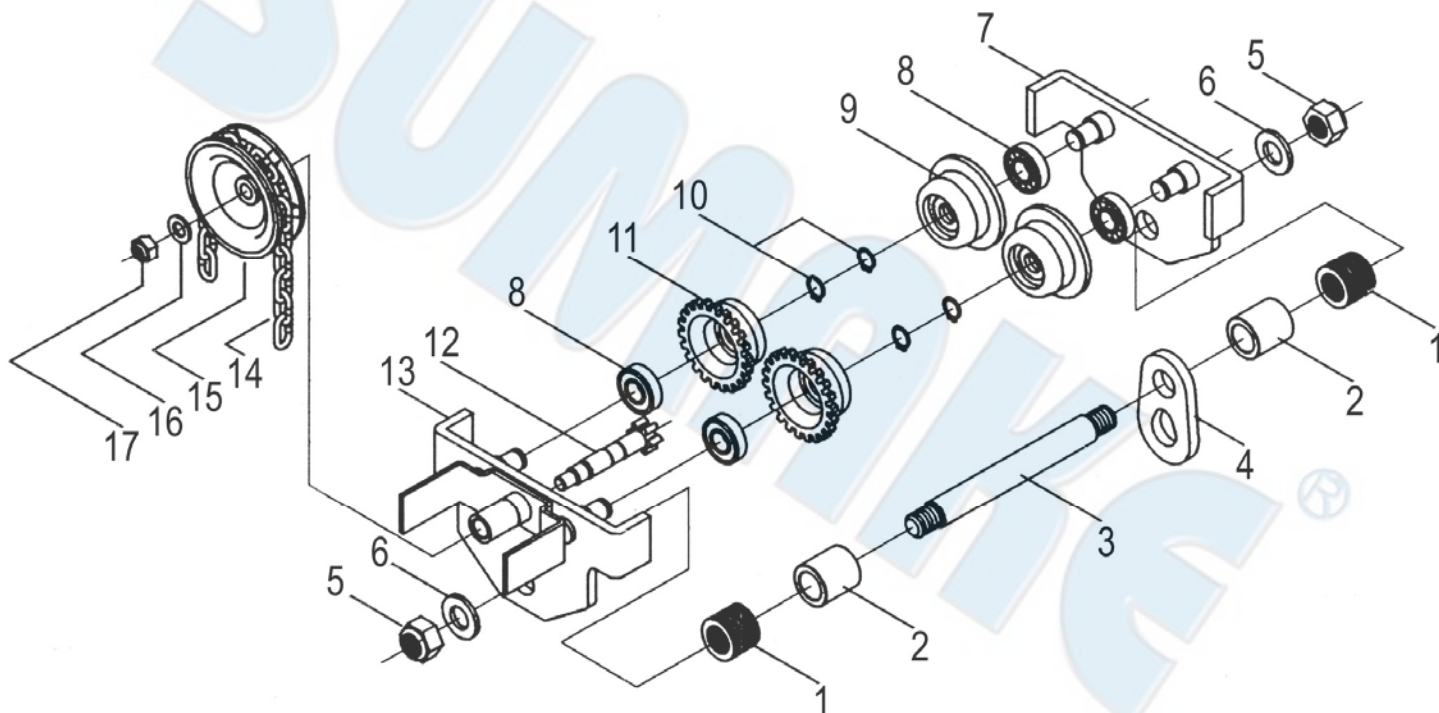
Mike Su – Managing Director

Date and Place

2014/6/30

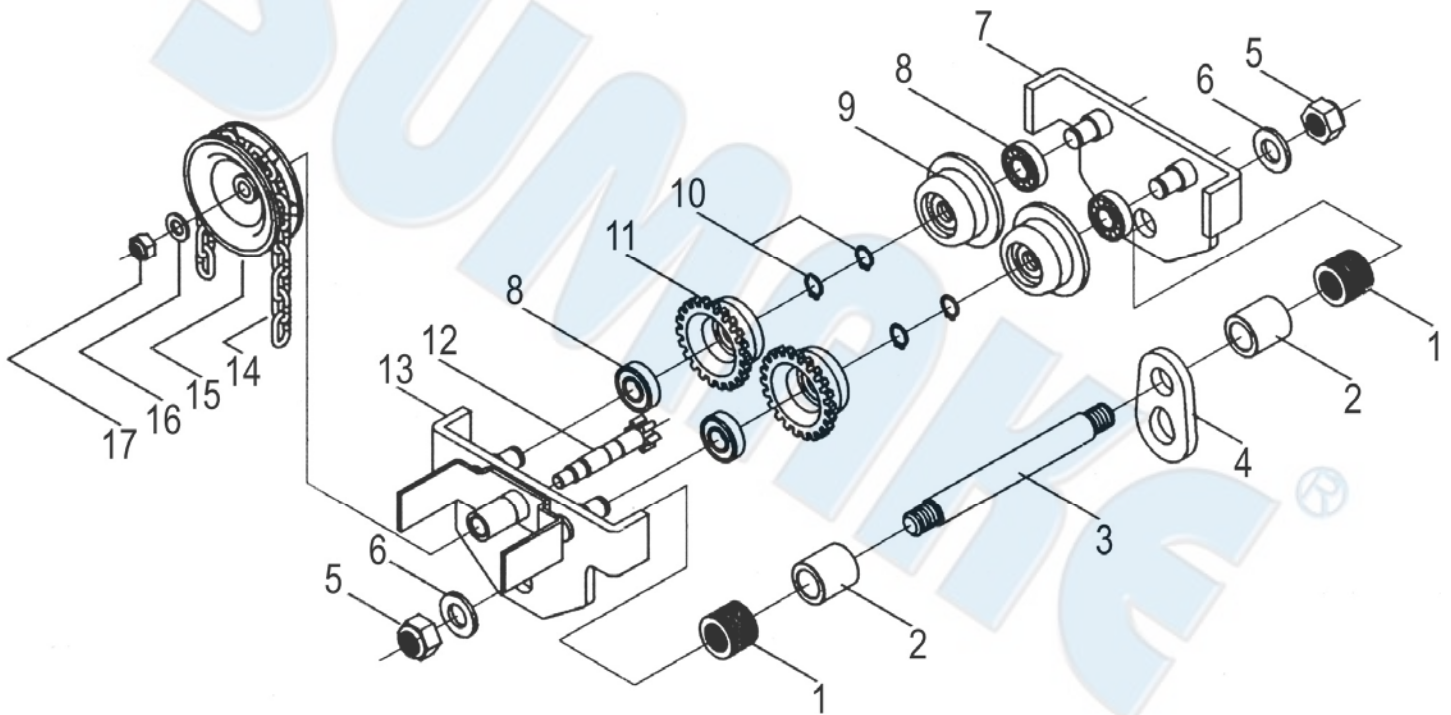
Taipei, Taiwan

HGT-500(1000)(2000)(3000)(5000)(10000)-D-1409B-W6F



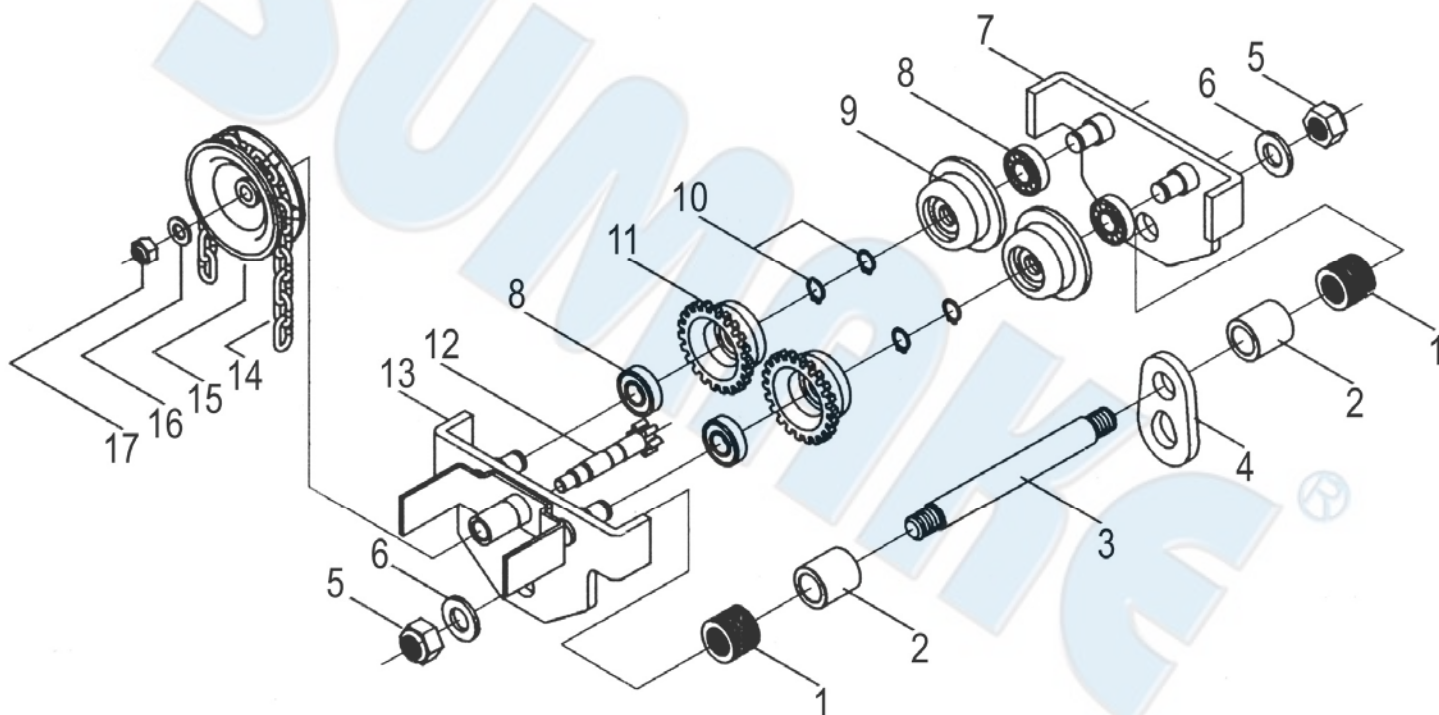
PARTS LIST

No.	Parts No.	Description
1	HGT500-01	Adjusting Collar (Short)
2	HGT500-02	Adjusting Collar (Long)
3	HGT500-03	Suspended Shaft
4	HGT500-04	Hook Receiving
5	HGT500-05	Nut
6	HGT500-06	Washer
7	HGT500-07	Side Plate (Plain)
8	HGT500-08	Ball Bearing
9	HGT500-09	Plain Roller
10	HGT500-10	Snap Ring
11	HGT500-11	Gear Roller
12	HGT500-12	Pinion Gear
13	HGT500-13	Side Plate (Geared)
14	HGT500-14	Hand Chain
15	HGT500-15	Hand Wheel
16	HGT500-16	Washer
17	HGT500-17	Nut



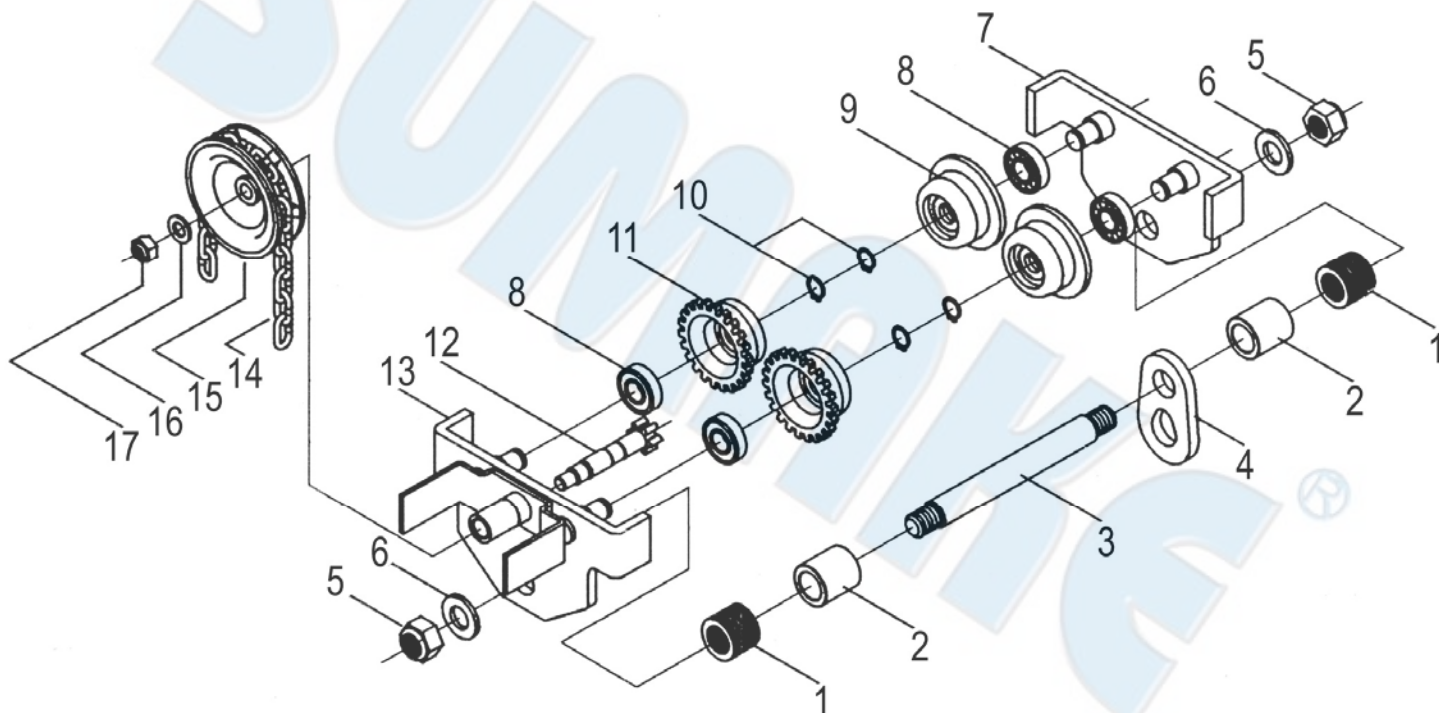
PARTS LIST

No.	Parts No.	Description
1	HGT1000-01	Adjusting Collar (Short)
2	HGT1000-02	Adjusting Collar (Long)
3	HGT1000-03	Suspended Shaft
4	HGT1000-04	Hook Receiving
5	HGT1000-05	Nut
6	HGT1000-06	Washer
7	HGT1000-07	Side Plate (Plain)
8	HGT1000-08	Ball Bearing
9	HGT1000-09	Plain Roller
10	HGT1000-10	Snap Ring
11	HGT1000-11	Gear Roller
12	HGT1000-12	Pinion Gear
13	HGT1000-13	Side Plate (Geared)
14	HGT1000-14	Hand Chain
15	HGT1000-15	Hand Wheel
16	HGT1000-16	Washer
17	HGT1000-17	Nut



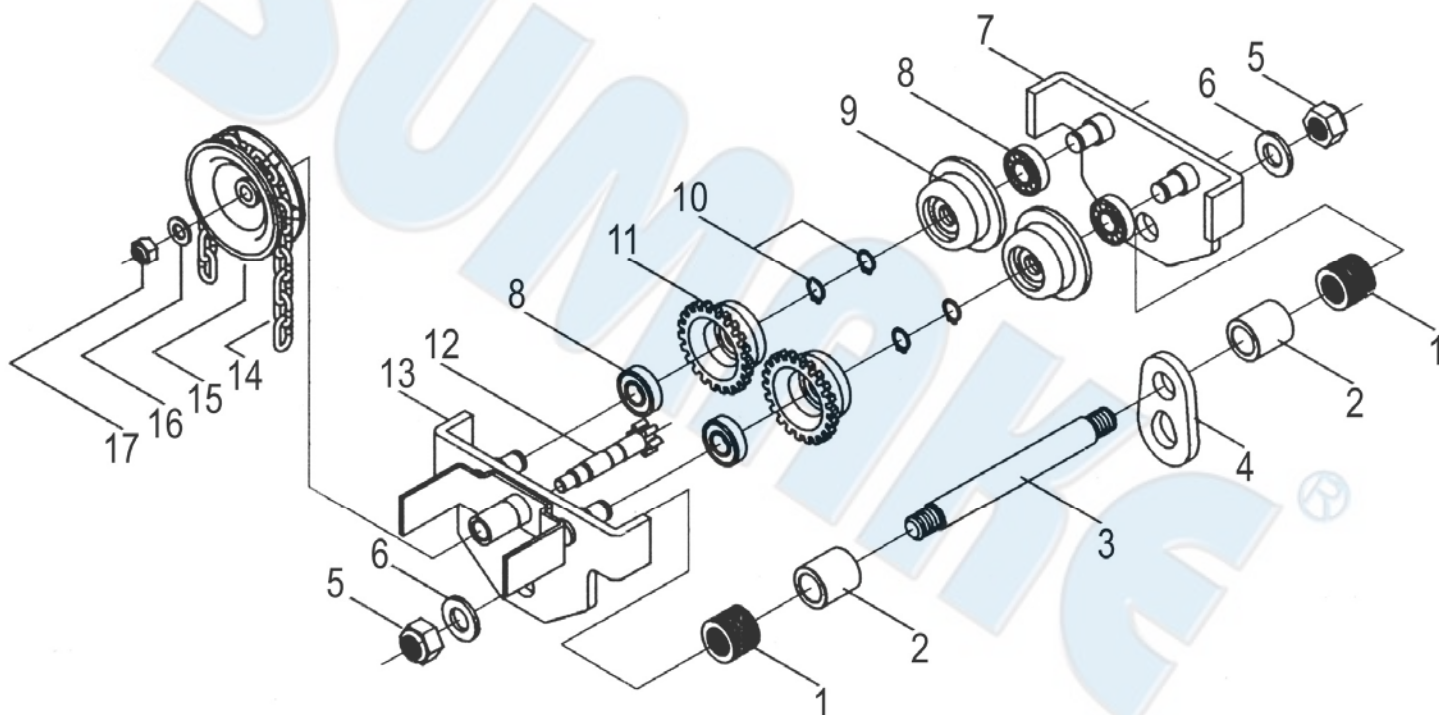
PARTS LIST

No.	Parts No.	Description
1	HGT2000-01	Adjusting Collar (Short)
2	HGT2000-02	Adjusting Collar (Long)
3	HGT2000-03	Suspended Shaft
4	HGT2000-04	Hook Receiving
5	HGT2000-05	Nut
6	HGT2000-06	Washer
7	HGT2000-07	Side Plate (Plain)
8	HGT2000-08	Ball Bearing
9	HGT2000-09	Plain Roller
10	HGT2000-10	Snap Ring
11	HGT2000-11	Gear Roller
12	HGT2000-12	Pinion Gear
13	HGT2000-13	Side Plate (Geared)
14	HGT2000-14	Hand Chain
15	HGT2000-15	Hand Wheel
16	HGT2000-16	Washer
17	HGT2000-17	Nut



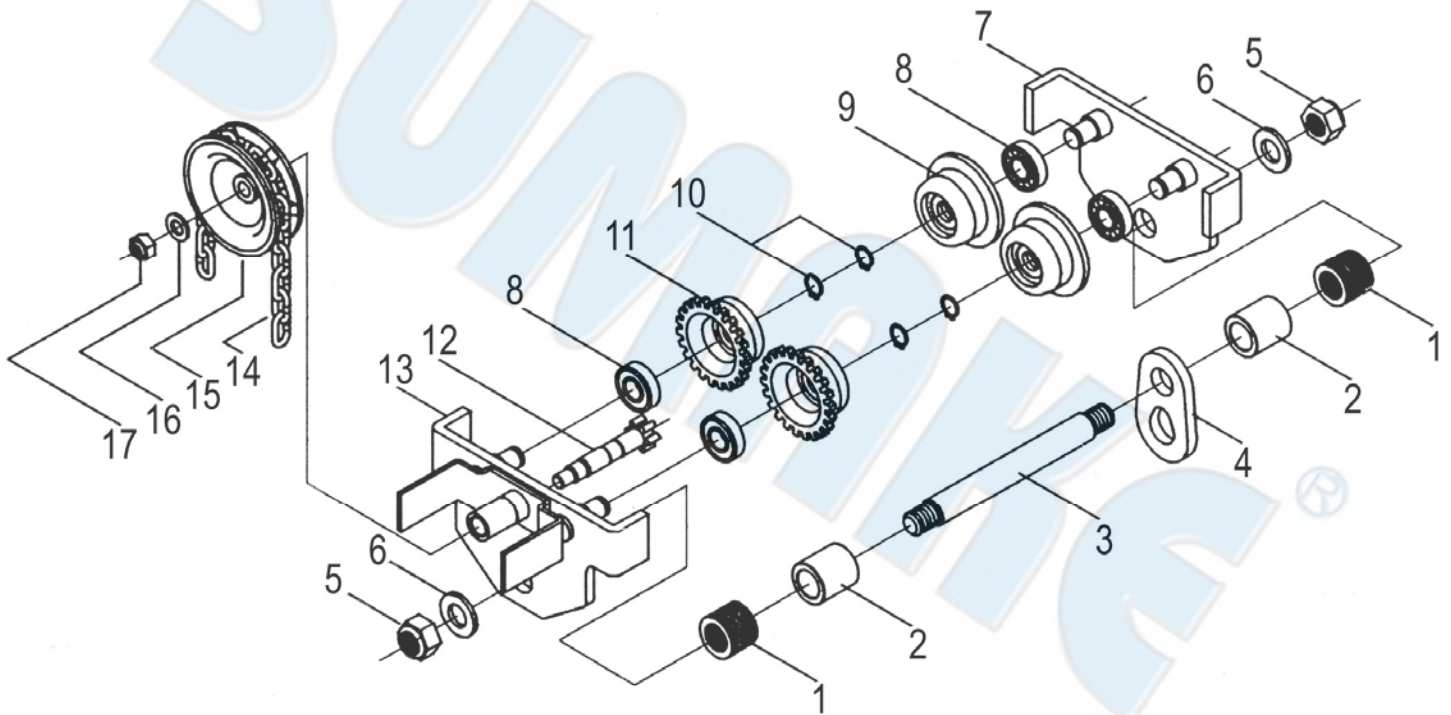
PARTS LIST

No.	Parts No.	Description
1	HGT3000-01	Adjusting Collar (Short)
2	HGT3000-02	Adjusting Collar (Long)
3	HGT3000-03	Suspended Shaft
4	HGT3000-04	Hook Receiving
5	HGT3000-05	Nut
6	HGT3000-06	Washer
7	HGT3000-07	Side Plate (Plain)
8	HGT3000-08	Ball Bearing
9	HGT3000-09	Plain Roller
10	HGT3000-10	Snap Ring
11	HGT3000-11	Gear Roller
12	HGT3000-12	Pinion Gear
13	HGT3000-13	Side Plate (Geared)
14	HGT3000-14	Hand Chain
15	HGT3000-15	Hand Wheel
16	HGT3000-16	Washer
17	HGT3000-17	Nut



PARTS LIST

No.	Parts No.	Description
1	HGT5000-01	Adjusting Collar (Short)
2	HGT5000-02	Adjusting Collar (Long)
3	HGT5000-03	Suspended Shaft
4	HGT5000-04	Hook Receiving
5	HGT5000-05	Nut
6	HGT5000-06	Washer
7	HGT5000-07	Side Plate (Plain)
8	HGT5000-08	Ball Bearing
9	HGT5000-09	Plain Roller
10	HGT5000-10	Snap Ring
11	HGT5000-11	Gear Roller
12	HGT5000-12	Pinion Gear
13	HGT5000-13	Side Plate (Geared)
14	HGT5000-14	Hand Chain
15	HGT5000-15	Hand Wheel
16	HGT5000-16	Washer
17	HGT5000-17	Nut



PARTS LIST

No.	Parts No.	Description
1	HGT10000-01	Adjusting Collar (Short)
2	HGT10000-02	Adjusting Collar (Long)
3	HGT10000-03	Suspended Shaft
4	HGT10000-04	Hook Receiving
5	HGT10000-05	Nut
6	HGT10000-06	Washer
7	HGT10000-07	Side Plate (Plain)
8	HGT10000-08	Ball Bearing
9	HGT10000-09	Plain Roller
10	HGT10000-10	Snap Ring
11	HGT10000-11	Gear Roller
12	HGT10000-12	Pinion Gear
13	HGT10000-13	Side Plate (Geared)
14	HGT10000-14	Hand Chain
15	HGT10000-15	Hand Wheel
16	HGT10000-16	Washer
17	HGT10000-17	Nut