

Instruction Manual



DG360A

DG360B

DG720A

DG720B

DG1080A

DG1080B

DG1440A

DG1440B

Note: Operator must read and understand this Instruction Manual before using.

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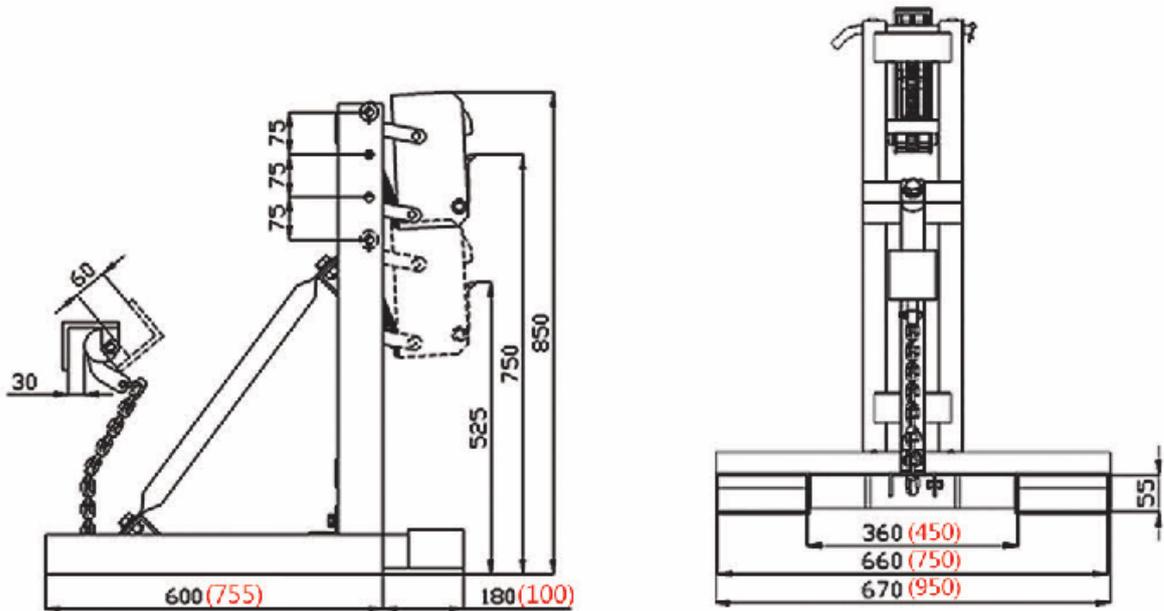
1、 Brief Introduction

DG series drum grab is applied in many industry occasion to transport and stack various drums including steel drum、 plastic drum and fiber drum. DG series drum grab contain 4 basis model, the maximum lifting capacity is 360kg、 720kg、 1080kg、 1440kg in order to meet customer's special request.

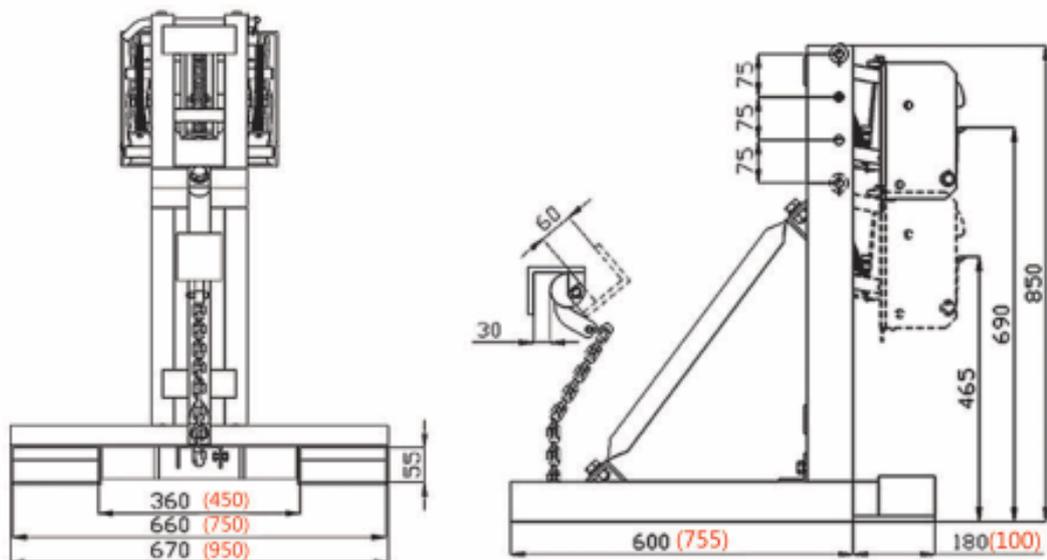
This manual is of using and maintenance the DG series drum grabs. Before using, please read and understand all the information in the manual to be familiar with this product.

2、Main Technical Performance and Parameter

Drum Grab DG360A **DG720A**

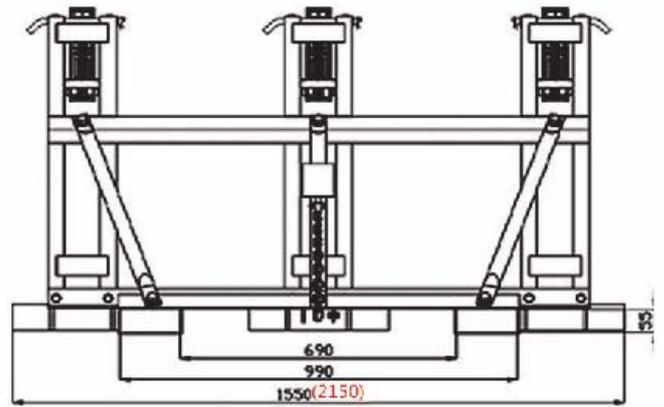
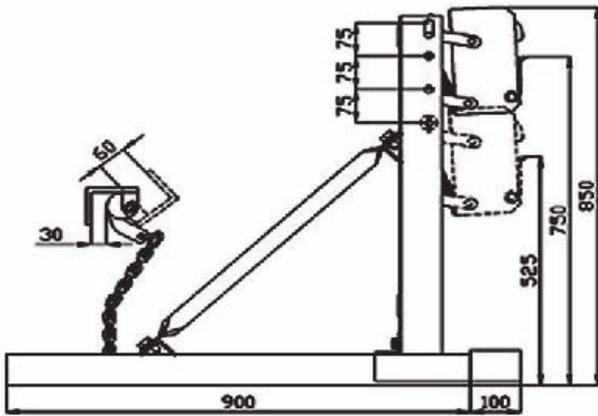


Drum Grab DG360B **DG720B**



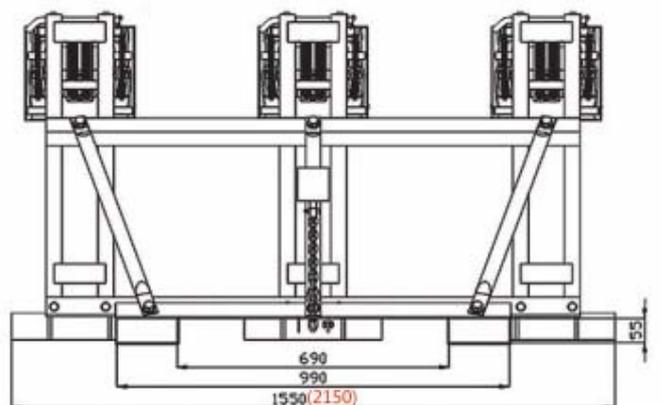
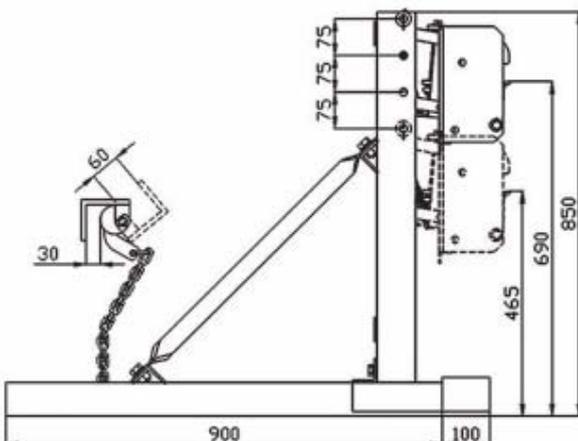
Drum Grab DG1080A

DG1440A



Drum Grab DG1080B

DG1440B

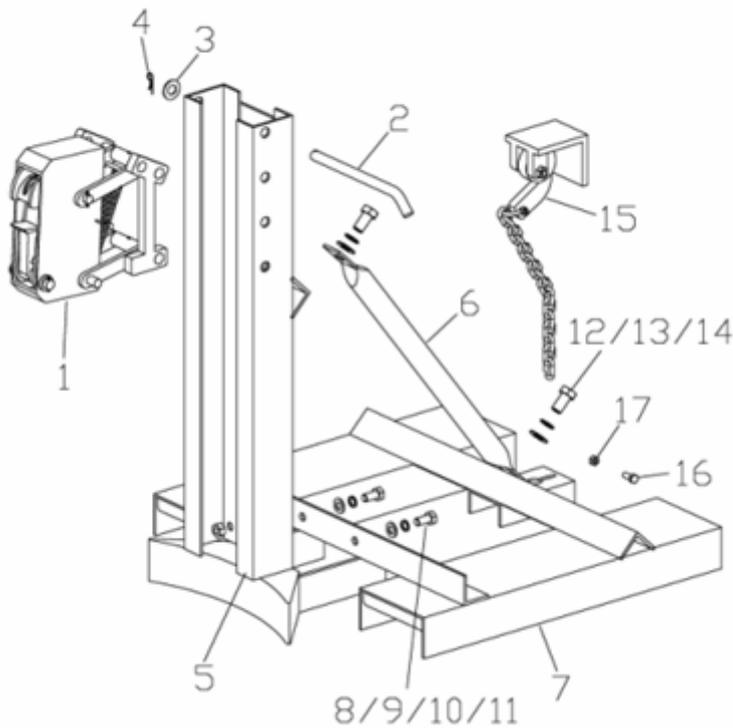


Technical Data:

Model No	DG360A	DG360B	DG720A	DG720B	DG1080A	DG1080B	DG1440A	DG1440B
Rated load(kg)	360	360	360*2	360*2	360*3	360*3	360*4	360*4
Net weight(kg)	45	52	62	77	98	123	126	158
Outline dimension(mm)	930*670* 850	960*670* 850	930*910* 860	960*910* 850	1080*152 0*850	1110*152 0*850	2140*108 0*850	2140*111 0*850
Load center distance(mm)	1150	1150	1150	1150	1150	1150	1150	1150
Eagle-grip lowest height	525	465	525	465	525	465	525	465
Eagle-grip highest height	750	690	750	690	750	690	750	690
Eagle-grip medial height	675~600	615~540	675~600	615~540	675~600	615~540	675~600	615~540
Single fork sleeve size(mm)	150*55	150*55	150*55	150*55	150*55	150*55	150*55	150*55
Inner width of double-fork sleeve(mm)	340	340	430	430	670	670	670	670
Outer width of double-fork sleeve(mm)	660	660	750	750	990	990	990	990
Fork sleeve length	750	750	750	750	900	900	900	900

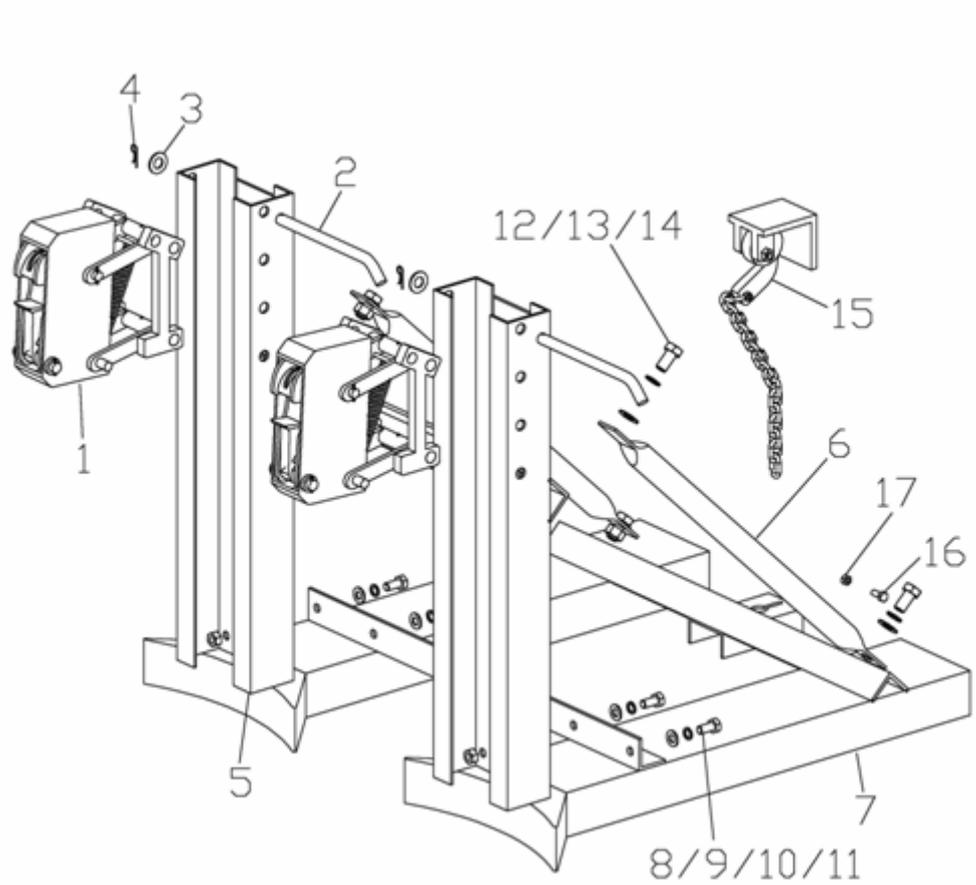
3. Component parameter table & assembly steps:

DG360 Single Drum Grabber



NO.	NAME	UNIT	QTY	NO.	NAME	UNIT	QTY
Y1	Eagle-grip assembly	piece	1	Y10	φ 12 spring gasket	piece	2
Y2	Eagle-grip fixed pin	piece	1	Y11	φ 12 flat gasket	piece	2
Y3	φ 16 flat gasket	piece	1	Y12	M16X30 bolt	piece	2
Y4	R type pin	piece	1	Y13	φ 16 spring gasket	piece	2
Y5	Bottom	piece	1	Y14	φ 16 flat gasket	piece	2
Y6	Connecting rod	piece	1	Y15	Safety self lock	piece	1
Y7	Pedestal	piece	1	Y16	M8X20 bolt	piece	1
78	M12X25 bolt	piece	2	Y17	M8 nut	piece	1
Y9	M12 nut	piece	2				

DG720 Double Drum Grabber



NO.	NAME	UNIT	QTY	NO.	NAME	UNIT	QTY
Y1	Eagle-grip assembly	piece	2	Y10	φ 12 spring gasket	piece	4
Y2	Eagle-grip fixed pin	piece	2	Y11	φ 12 flat gasket	piece	4
Y3	φ 16 flat gasket	piece	2	Y12	M16X30 bolt	piece	4
Y4	R type pin	piece	2	Y13	φ 16 spring gasket	piece	4
Y5	Bottom	piece	1	Y14	φ 16 flat gasket	piece	4
Y6	Connecting rod	piece	2	Y15	Safety self lock	piece	1
Y7	Pedestal	piece	1	Y16	M8X20 bolt	piece	1
78	M12X25 bolt	piece	4	Y17	M8 nut	piece	1
Y9	M12 nut	piece	4				

Assembly steps for DG360A and DG720: :

1. Fix the screws which connect the bottom frame and the front frame, use parts Y8,Y9,Y10,Y11:



2/fix the connection rod(Y6) on the frame, use parts Y12 Y13 Y14:



3/take out the fixed pin(Y2) then install the clamps(Y1)on the frame(Y5),use the fixed pin(Y2).At last, use the washer and R shape pin(Y3,Y4) to fix:



4、 Safety Operation

DG series drum grab using instruction

1.Adjust the fork distance of forklift according to the fork sleeve size of drum grab.

Drive the forklift to make the two forks enter into fork sleeve simultaneously. Then connect the forklift frame beam (the beam mounted with fork) and drum grab with safety chain.

2.Through transportation, forklift driver should lean a little forward the mast (This point is very important; otherwise there's no following accurate action!) And make the eagle-grip a little lower than the above rim of drum. Drive forklift to let drum grab contact side wall. Then lift the fork, the eagle-grip grip the above rim of drum automatically. The heavier the drum, the bigger the eagle-grip forces. Then easily accomplish the grip & transportation.

3.This product can adjust the drum grab's height to adapt to different request. In the situation of transporting the different height drum or different type drum simultaneously, the round hole in the mast is setting to adjust height.

4.When place drum, the mast should retrieve the same lean position as gripping the drum. Drop down the fork slowly until the drum is steady placed, then the eagle-grip will loose automatically.

5.If use this product for frequently long time, suggest replacing all the spring、 pin roll one time every year in order to ensure long life span of this product. .

5、 Maintenance

1. Make sure that the weight of drum and the stuff is less than the rated capacity of this product!
2. This product is heavy duty pure mechanical drum grab. Please make sure the drum has been gripped safely before drive the forklift.
3. Before using, confirm every kinds of spring, pin roll is in the normal position. And in order to ensure safety action to add a little light mechanical lubricant in all mobile parts.
4. In the process of working, should avoid the operator stand in front of this product and below the drum. Turning or bumpy place making the driver slow down the forklift, be careful!
5. If abnormal or not flexible, contact our company or your distributor ASAP. Don't disassemble by yourself.