

OWNER'S MANUAL

Glass Lifting Clamp
GL - 32

This manual is provided in conjunction with instructions and spare part lists to fully inform the relevant personnel in usage and maintenance.

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WARRANTY:

This product is warranted for one year from date of purchase to be free of manufacturing defects in material and workmanship. This warranty does not cover normal wear of parts or damage resulting from any of the following: negligent use or misuse of the product, use or application contrary to installation instructions, or disassembly, repair or alteration by any person prior to authorization from a factory representative.

Description:

Three models of glass lifting clamps enables cranes and forklift to lift glass sheet panel's vertical of different thickness.

These robust steel-aluminum lifting clamps with rubberized jaws, lock automatically once set down to the top of the sheet.

They then can be lifted with glass or sheet-panels to another location. When lowered to position, the Glass Lifter will automatically unlock and release the material.

This safe and easy task makes sheet racking simple, safe and efficient.

Being slim line Aachen Industries Glass Lifter has a great advantage over its competitors, as it's not prone to getting caught in freight-shipment crates when in operation of handling materials.

Features:

- Versatile
- Slim line
- Light weight
- Proactive wheel guides
- Vulcanized rubber jaws
- Robust steel – aluminum
- German design automatic catch mechanism
- Colour coordinated with safety white
- Jaw pressure same consistence with different lifting thickness
- Crane or forklift jib usage

Specification:

Model **GL-32**

Grip range	2-32 mm
W.L.L.	750 kgs
Clamp weight	27 kgs
Dimensions	L750 x H642 x W220 (mm)

Precaution:

- Inspect before usage.
- Ensure automatic latch is working before usage.
- Do not operate in windy or wet conditions.
- Do not operate glass lifter, attach to forktruck jib traveling over rough terrain.

Warning..!!!

- Do not let jaws clamp face come in contact with mineral, vegetable oil, solvent / cleaner or glass cutting lubricant.
- Do not leave lifter in prolonged sunlight.
- Do not leave lifter in rain or snow conditions.
- Do not, silicon spray rubber or wax rubber.
- Do not drop lifter.



Danger!

- Damage lifter not to be used
- Glass with cutting lubricant will cause accident of lifter usage

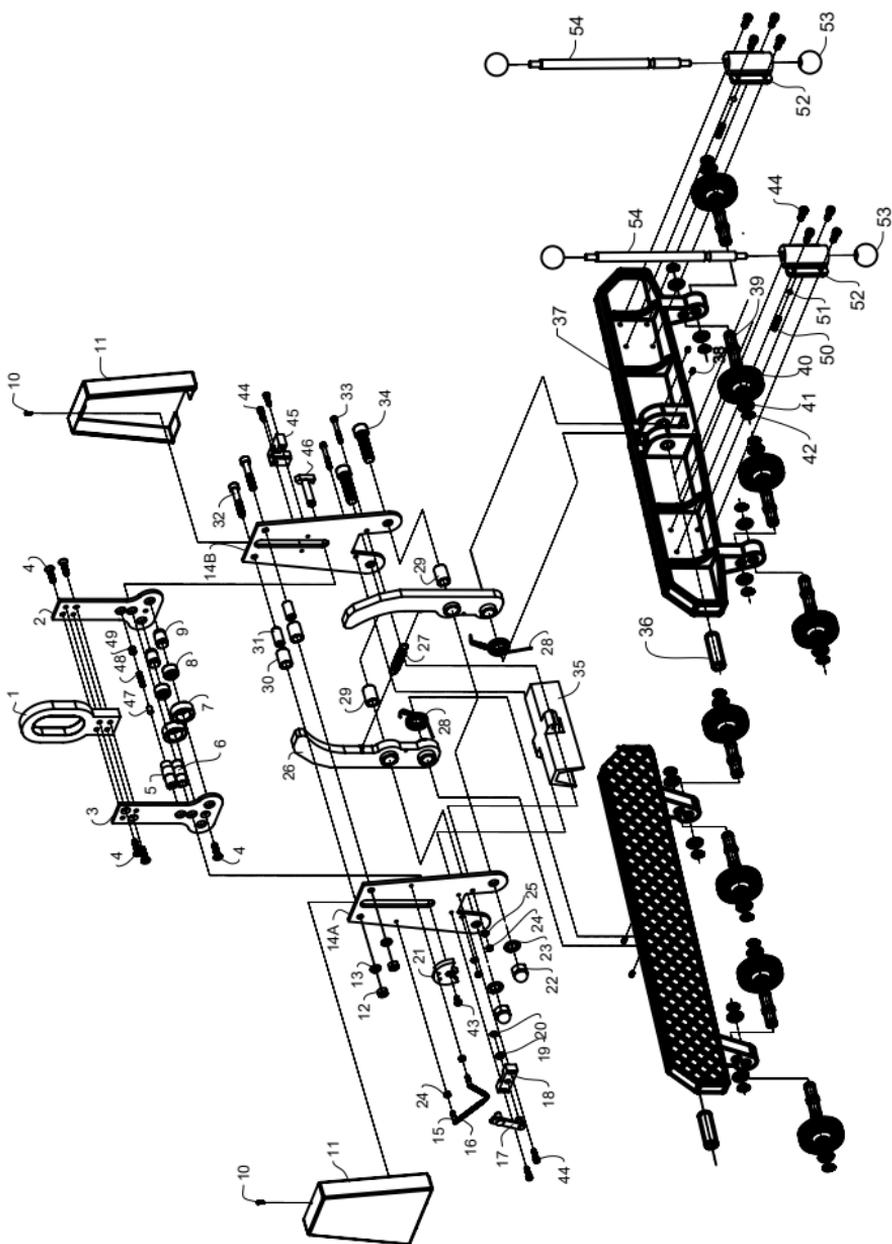
Safety Direction of Use:

- Only trained, competent and acquainted people to use hosting glass lifting clamp.
- Ensure rubber jaws are clean + dry.
- Ensure glass or sheet material at lifting point is clean + dry.
- Do not lift glass or sheet-material with plastic wrapping.
- Use glass lifter in vertical position only.
- Do not stand on load to attach lifter.
- Lifter may be centralized to material with a probe stick, prior to lifting.
- Place glass lifter to top of glass of central position, lift slowly with care if unbalance lower and move lifter and re-lift.
- Do not stand under lifted material.
- Lifter to be use in restricted area.
- Lifted load to travel as low as possible to off ground level.
- Before lowering the load, make sure that there are no obstructions that the load or the clamp could unintentionally rest on. In this event the clamp can drop the load and may cause damage or injury.

Maintenance:

- Item (A) and (B) should be done daily to weekly depending on working environment conditions.
- (A) Blow excess dust off rubber jaws with air gun.
- (B) Rubber jaws to be clean with clean water only, using a damp chamois cloth then air dry.
- (C) Every three months automatic catch mechanism to be lubricated with loctite nickel anti-seize grease or similar product. (Note ensure rubber jaw has a plastic covering whitest carrying this task to prevent accidental dropping of lubricant.)
- (D) Every 12 months inspect lifter for wear. Bearings, pins, spring catch mechanism etc. Repack bearing with high temperature grease, or replace bearings if necessary, or other parts.
- (E) At 48-50 months, glass lifter to be fully disassembled and inspected and parts to be replaced, if worn or damaged. Clean and re-assemble.
- (F) CERTIFICATE OF LOAD TEST + EXAMINATION must be re-issued if jaws are replaced, or suspension of commutation to jaw faceage.

Parts Drawing



Parts List:

Position	Code	Description	Qty.
1	GL32-01	Lug links	01
2	GL32-02	Lifting rear	01
3	GL32-03	Lifting front	01
4	GL32-04	Countersunk head socket screw M8 x 30	05
5	GL32-05	Top pin guide (*)	01
6	GL32-06	Bottom pin guide (*)	01
7	GL32-07	Roller B (*)	02
8	GL32-08	Roller Bearing HK2016	02
9	GL32-09	Shaft B (*)	02
10	GL32-10	Pan head screw M3 x 10	02
11	GL32-11	Cover	02
12	GL32-12	Hex. nut M10	02
13	GL32-13	Spring washer Ø10	02
14A	GL32-14A	Mainbody front	01
14B	GL32-14B	Mainbody rear	01
15	GL32-15	Pin M6 (*)	02
16	GL32-16	Extension spring Ø5.6 - 40 (*)	02
17	GL32-17	Locking latch arm (*)	01
18	GL32-18	Plate (*)	01
19	GL32-19	Brass Washer Ø10	01
20	GL32-20	Cidlip Ø10	01
21	GL32-21	Cam Locking latch (*)	01
22	GL32-22	Hexagon domed Cap nut M16	02
23	GL32-23	Spring washer Ø16	02
24	GL32-24	Hex. nut M6	02
25	GL32-25	Spring washer Ø6	02
26	GL32-26	Arm	02
27	GL32-27	Extension spring	01
Position	Code	Description	Qty.
28	GL32-28	Torsion spring	02
29	GL32-29	Spacing B (*)	02
30	GL32-30	Roller A (*)	02
31	GL32-31	Spacing A (*)	02
32	GL32-32	Hexagon socket head cap screw M10 x 55	02
33	GL32-33	Hexagon socket head cap screw M6 x 50	02
34	GL32-34	Hexagon socket head cap screw M16 x 60	02
35	GL32-35	Stop guide	01
36	GL32-36	Jaw shaft (*)	02
37	GL32-37	Jaw	02
38	GL32-38	Set Screw M6 x 10	04
39	GL32-39	Wheel Shaft	08
40	GL32-40	Wheel Ø75	08
41	GL32-41	Washer Ø14	16
42	GL32-42	Ordlip Ø14	16
43	GL32-43	Recessed pan head screw M6x12	01
44	GL32-44	Hexagon socket head cap screw M6 x 20	12
45	GL32-45	Locking stop guide (*)	01
46	GL32-46	Locking shaft (*)	01
47	GL32-47	Ball pin (*)	01
48	GL32-48	Compression spring (*)	01
49	GL32-49	Set Screw M10x10	01
50	GL32-50	Compression spring	02
51	GL32-51	Steel ball Ø10	02
52	GL32-52	Handle base	02
53	GL32-53	Plastic handle	02
54	GL32-54	Slide bar	02

Purchase date:
Model Nr. GL-32
Serial Nr.

Service: By:
Date:
Description:

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Date:
Description: