



A - FRAME

OWNER'S MANUAL

Get The Aardwolf AAdvantage



AF1850QP

AF2440QP



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1. INTRODUCTION

The Aardwolf transport frames are used for internal or external transport of sheet material. The A-Frame AF1850QP and AF2440QP have the ability to transport, store and preserve materials perfectly. The frames are safely used not only within the factory or on large work sites, but also in trucks from place to place with a special structure that prevents glass materials from tilting or falling. In addition, the perfect combination of a forklift or crane and A-Frames ensure that the transport process is done in the most secure manner.

Rubber layers are provided on frame surfaces for maximum protection. Heavy-duty wheels allow easy manoeuvring of fully loaded base in the workshop and on the construction sites.



2.1 FEATURES

- Sturdy and safe structure, designed to eliminate any risk of slabs tipping over.
- Load bearing surfaces are topped with rubber to prevent scratches and damage to goods being transported.
- Contains two lifting eyes at top of frame for lifting frames on and off trucks with a crane.
- Has four lifting points at the corner of frame base for lifting loaded frames on and off trucks and onto building sites
- Handles are located at the end of "A" frames (AF1850QP).
- Wheels with brakes to ensure safety in operation.
- Four locking bars per frame mounted in slotted holes on the bottom.
- Powder-coated finish ensures an aesthetic feature as well as durability of the product.
- Frames can be hot galvanized finished upon request.

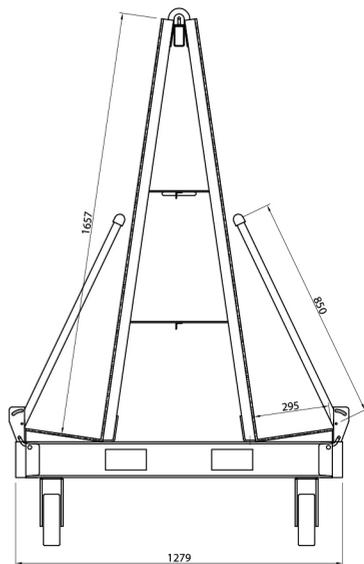
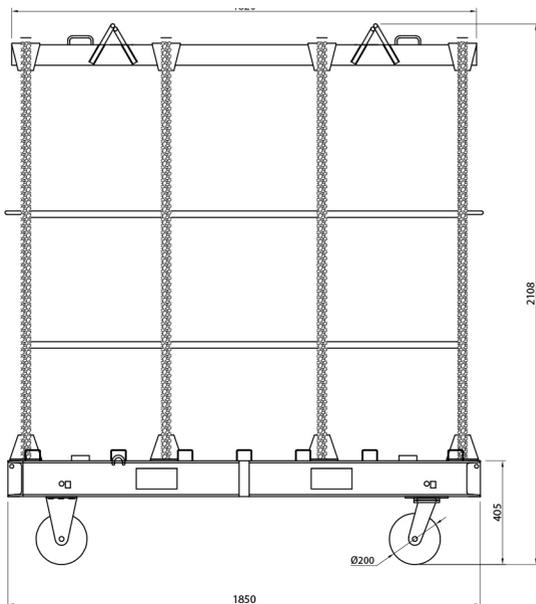
2.2 SPECIFICATIONS:

WORKING LOAD LIMIT	AF1850QP		AF2440 QP	
	KG - MM	LB - IN	KG - MM	LB - IN
Fork End	1100	2425	2000	4409
Fork Side	2500	5511	3000	6614
Eyelet				
Bow Shackles				
Wheels			2500	5511
Stationary	4000	8818	4000	8818
Number of wheel	4			
Strap of both sides	4		8	
Net weight	246	542	272	600
Gross weight	252	556	278	613
Width of slab storage base area on each side	295	11.6	323	12.7
Packaging dimensions	1850 x 1300 x 360 mm 72.8" x 51.2" x 14.2"		2450 x 1240 x 360 mm 96.5" x 48.8" x 14.2"	

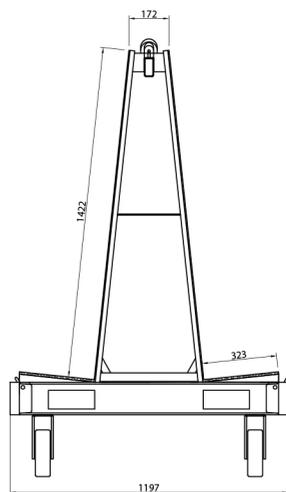
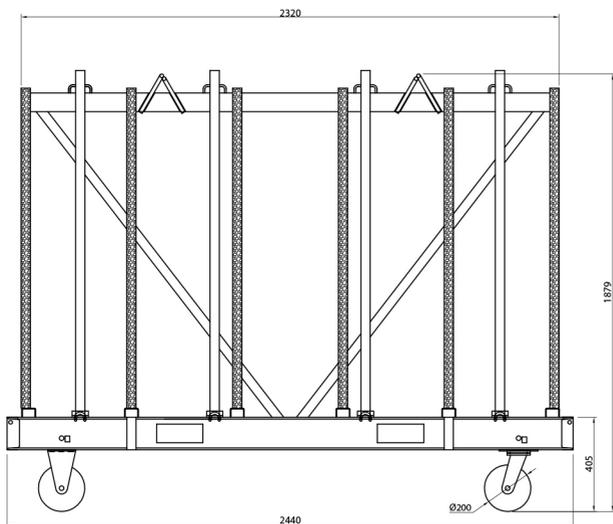


3.1 PARTS DRAWINGS

AF1850QP



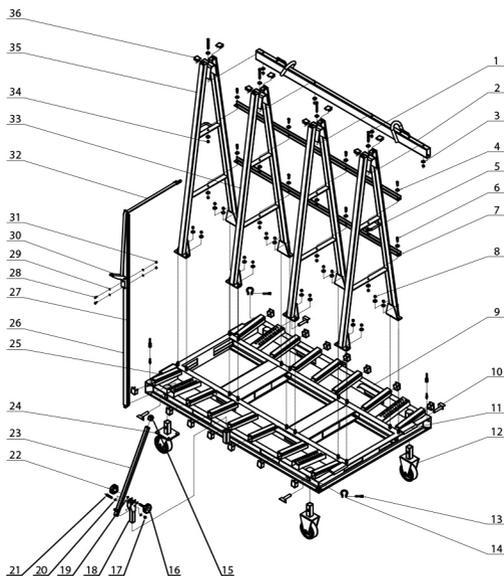
AF2440QP



3. PARTS DRAWINGS & PARTS LISTS

3.2 PARTS LISTS

AF1850QP



PARTS LIST

CODE	POSITION	DESCRIPTION	QTY	CODE	POSITION	DESCRIPTION	QTY
QP1850 - 001	1	Hexagon Bolt M14x100	04	QP1850 - 019	19	Toothlock Washer Ø10	04
QP1850 - 002	2	Cross Bar	01	QP1850 - 020	20	Washer Ø8	04
QP1850 - 003	3	Washer Ø14	24	QP1850 - 021	21	Hexagon Bolt M8x50	02
QP1850 - 004	4	Washer Ø10	16	QP1850 - 022	22	Female Hand knob M10	02
QP1850 - 005	5	Left & Right Body	02	QP1850 - 023	23	Brace Bar	02
QP1850 - 006	6	Hexagon Bolt M10x30	08	QP1850 - 024	24	Castor Swivel Wheel (Brake)	02
QP1850 - 007	7	Connect Bar	02	QP1850 - 025	25	Rubber Of Base	14
QP1850 - 008	8	Hexagon Nut M14	20	QP1850 - 026	26	Load Bar	04
QP1850 - 009	9	Base	01	QP1850 - 027	27	Rubber Of Load Bar	04
QP1850 - 010	10	Pin	04	QP1850 - 028	28	Hexagon Bolt M6x20	08
QP1850 - 011	11	Rubber Backing	04	QP1850 - 029	29	Washer Ø6	16
QP1850 - 012	12	Back Wheel	02	QP1850 - 030	30	Buckle	04
QP1850 - 013	13	Pin Shackles	04	QP1850 - 031	31	Hexagon Nut M6	08
QP1850 - 014	14	Shackle	04	QP1850 - 032	32	Belt	04
QP1850 - 015	15	Dom Cap	02	QP1850 - 033	33	Mid Body	02
QP1850 - 016	16	Male Hand knob M10	02	QP1850 - 034	34	Hexagon Nut M10	08
QP1850 - 017	17	Hexagon Nut M8	02	QP1850 - 035	35	Rubber Of Body	08
QP1850 - 018	18	Brace Bar Base	02	QP1850 - 036	36	"C" Slot Plastic Cap 40x40	22

When ordering, please give number of spare - part (code number) plus type of "A" Frame 1850 QP.

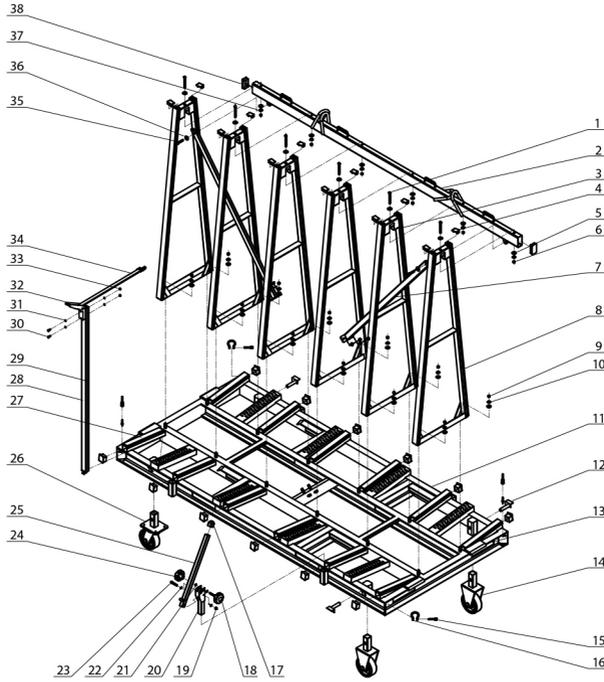
For example: "A" Frame QP1850 - 001 , QTY 10

"A" Frame QP1850 - 004 , QTY 02



3. PARTS DRAWINGS & PARTS LISTS

AF2440QP



PARTS LIST

CODE	POSITION	DESCRIPTION	QTY	CODE	POSITION	DESCRIPTION	QTY
AF2440QP - 001	1	Hexagon Bolt M14x120	06	AF2440QP - 020	20	Brace Bar Base	04
AF2440QP - 002	2	Cross Bar	01	AF2440QP - 021	21	Toothlock Washer Ø10	08
AF2440QP - 003	3	A Frame	06	AF2440QP - 022	22	Washer Ø8	08
AF2440QP - 004	4	"C" Slot Plastic Cap 40 x 20	12	AF2440QP - 023	23	Hexagon Bolt M8x50	04
AF2440QP - 005	5	Washer Ø14	12	AF2440QP - 024	24	Female Hand knob M10	04
AF2440QP - 006	6	Hexagon Nut M14	06	AF2440QP - 025	25	Brace Bar	04
AF2440QP - 007	7	Oblique Bar	02	AF2440QP - 026	26	Castor Swivel Wheel (Brake)	02
AF2440QP - 008	8	Rubber of A Frame	12	AF2440QP - 027	27	Rubber Of Base	12
AF2440QP - 009	9	Hexagon Nut M12	18	AF2440QP - 028	28	Load Bar	08
AF2440QP - 010	10	Spring Washer Ø12	12	AF2440QP - 029	29	Rubber Of Load Bar	08
AF2440QP - 011	11	Base	01	AF2440QP - 030	30	Hexagon Bolt M6x20	16
AF2440QP - 012	12	Pin	04	AF2440QP - 031	31	Washer Ø6	32
AF2440QP - 013	13	Rubber Backing	04	AF2440QP - 032	32	Buckle	08
AF2440QP - 014	14	Back Wheel	02	AF2440QP - 033	33	Hexagon Nut M6	16
AF2440QP - 015	15	Pin Shackles	04	AF2440QP - 034	34	Belt	08
AF2440QP - 016	16	Shackles	04	AF2440QP - 035	35	Hexagon Bolt M12x30	02
AF2440QP - 017	17	Dome Cap	04	AF2440QP - 036	36	Washer Ø12	20
AF2440QP - 018	18	Male Hand knob M10	04	AF2440QP - 037	37	Spring Washer Ø14	06
AF2440QP - 019	19	Hexagon Nut M8	04	AF2440QP - 038	38	Plastic Cap 80x40	02

When ordering, please give number of spare - part (code number) plus type of
 For example: 'A' Frame 2440-QP AF2440QP - 001 , QTY 10
 'A' Frame 2440-QP AF2440QP - 004 , QTY 02

'A' Frame 2440-QP .



3.3 ASSEMBLY

Step 1: Unpack the package of the A-Frames.

Step 2: Assemble four wheels into the frame.

Step 3: Disassemble the bolts that are located on the base of the frame.

Step 4: Attach the “A” frame to the bolts which are permanently fixed at the base of the frame, after that tighten these rivet nuts onto bolts.

Step 5: Attach the top cross bar first, then attach the lower cross bars to the center of the A-Frame (AF1850QP) after that attach the oblique bars onto the pre-installed bolts of the cross bar and the base of the frame (AF2440QP).

Step 6: Inspect that all of bolts are tightened by power tool or ratchet spanner and the user can use the A-Frame to transport or store the materials.

NOTE: *When placing the material onto each side of the frame, the user attaches the securing bars with ratchet straps in slots of the base to tighten the frame for transporting or storing materials.*

4. OPERATING INSTRUCTIONS

4.1 SAFETY INSTRUCTIONS

Before operation:

- Make sure that the A-Frames are placed on a flat and smooth surface.
- Confirm all the welded joints are free from any defects or damage, such as separation, crack, and so forth.
- Make sure that all the bolts are securely tightened.
- Use appropriate safety equipment to protect against injury.
- Check the rubber-lined ratchet straps and swivel wheels are in the faultless conditions. If there are any damages or are defective, replace with new ones.
- Lubricate the swivel wheels.
- If the A-Frames combine with other attachments such as a crane or forklift truck, the user must determine whether the capacity of a crane or other hoist fits with the frames's capacity.
- Perform a load test for the frame before transporting or storing the material.



4. OPERATING INSTRUCTIONS

During operation

- The materials should be restrained in a proper manner during transporting.
- Check the swivel wheels regularly.
- The materials should be evenly loaded on both sides of the A-Frames.
- Make sure the weight of the materials being placed is within the specified working load limit.
- Follow the steps and instructions in this operation manual.
- Do not rely solely on the securing bars when carrying full slabs of material. To secure a full size slab on the A-Frame, use load straps to fully secure the load.

After operation

- Clean the A-Frames thoroughly after each use.
- Check and lubricate swivel wheels.
- Store in a well-ventilated place, avoid places with high heat or humidity.

4.2 INSTRUCTIONS FOR USE

STEP 1

Install the swivel wheels into the base of the A-Frame



STEP 2

Place the materials on the A-Frame.

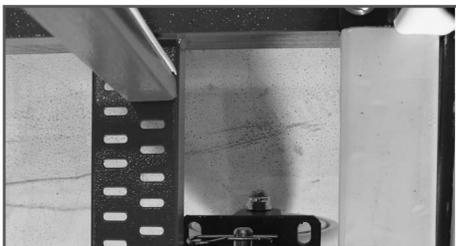
Note: *The materials should be evenly loaded on both sides of the frame so that it is balanced.*

STEP 3

Install the ratchet locking bars by setting the bottom end to the slots on the base of the frame, then hook on the top of frame and tighten the ratchet to restrain the slabs.

Note: *Be sure to check that the working load is within the specified limit.*

Caution: *Before moving the materials confirm that the materials are neatly loaded and ratchet straps are all firm and tight.*



STEP 4

The AF1850QP is equipped with handles that allows the user to move the loaded frame around the factory easily and quickly.



STEP 5

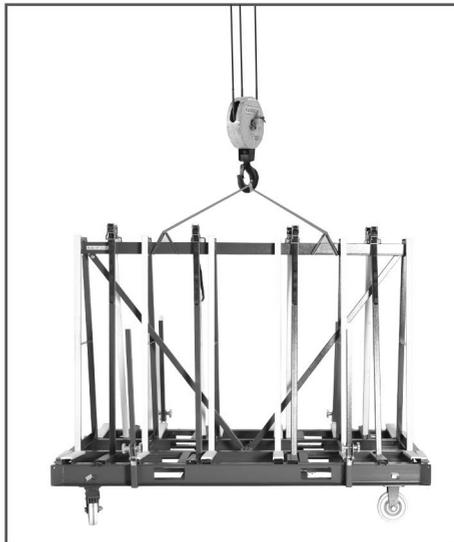
For transporting the loaded frame from place to place the user can use a crane or forklift truck to move.

With a crane: The user can use the chain and attach to the hook with the hooking points of the frame, then lift the frame onto the truck.

With a forklift truck: Slide the fork blades of the forklift truck into the pocket of the frame to lift the loaded frame until the loaded frame is fully placed on the truck.

Caution: Always make sure your forks are fully inserted into the A-Frame before lifting. This will ensure a proper and secure lift.

Note: *Must determine the working loads which are suitable for Fork End or Fork Side of AF1850QP or AF2440QP.*



4. OPERATING INSTRUCTIONS

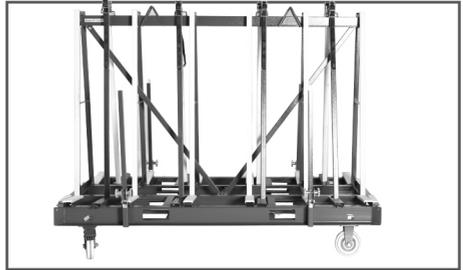
STEP 6

When disassembling the materials, the user can use the safety posts to eliminate any risk of the slab tipping over.



STEP 7

When finishing each cycle of the transportation, the user can remove the empty frame from the truck and can transport the next loaded frame.



5. INSPECTIONS & MAINTENANCE

- Make a regular procedure for the frame inspection and maintenance.
- Frequency of inspection will depend upon the amount of use of the frame
- Maintenance should be conducted in a written record, indicating inspection dates, condition of the frame on each of those dates, and any repairs made.
- Always keep necessary spare parts on hand and use only original spare parts when carrying out repairs or maintenance.
- Nuts and bolts need to be checked and tightened on a regular basis.
- Ensure that the welded joints are free from any defects or damage like separation, cracks etc.
- Make sure that all the rubber parts are in a sound condition, that they do not cause damage during operation as well as for the materials being loaded.
- Store the frame in a cool and dry place.

6. WARRANTY

At the time of delivery, it is necessary to check that the AF1850QP and AF2440QP have not been damaged during shipment.

Any claims must be presented within eight days from the date of delivery. We grant one year warranty on the A-Frames from the date of purchase.

Warranty coverage is void if:

- The operator failed to comply with the instructions in the manual.
- The specifications are not followed.
- Damages are due to inadequate maintenance and inspections.
- Damages are due to improper storage and/or usage.
- Repairs were performed by the user without our permission.
- Non-original spare parts were used.





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