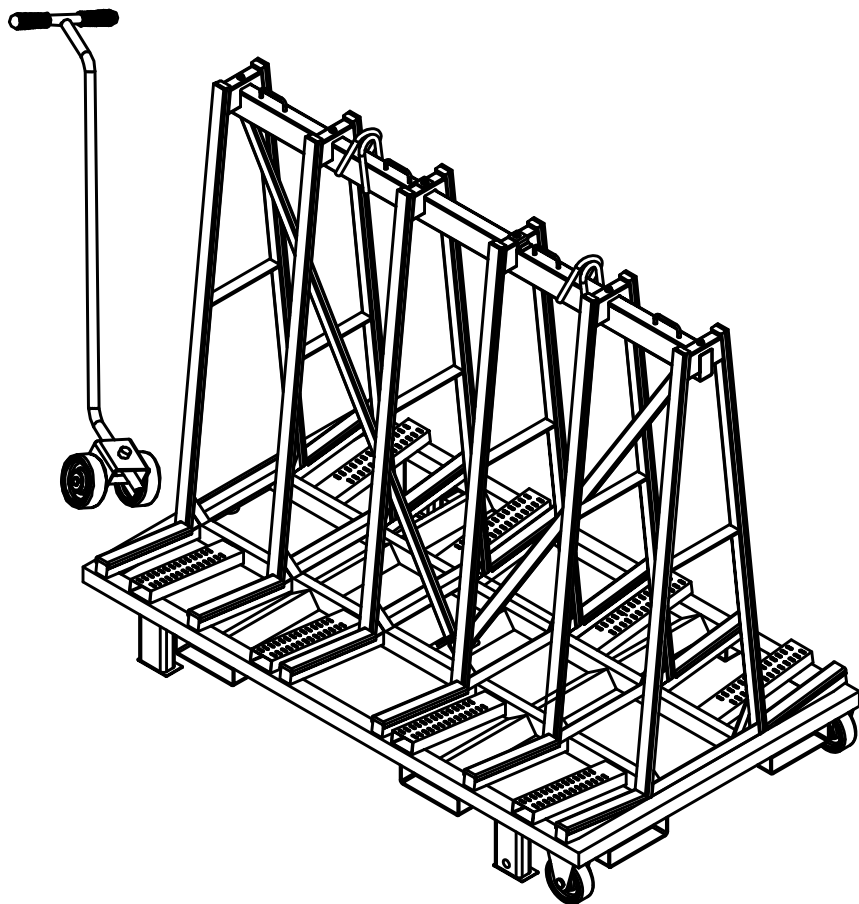




# AARDWOLF TRANSPORT FRAME 2440

**OWNER'S MANUAL**

**PRODUCT CODE: TF-2440**



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Flexibility, handiness and utility are outstanding features of the Transport Frame Mod TF2440. The storage, preservation and movement of slab materials in bulky sizes from site to site becomes easier than ever with the Transport Frame Mod TF2440. The Transport Frame Mod TF2440 comes with forklift receivers to lift from all four sides of the A-frame. There are six ratchet securing/locking bars to restrain and protect stone and glass sheets during transportation. The combination of a forklift or crane and the Transport Frame Mod TF2440 ensures that the transport process is done in the most secure manner. Rubber layers are provided on frame surfaces for maximum protection of load. Counter-lever handle with heavy-duty wheels allow easy maneuvering of fully loaded frame in the workshop and on the construction sites.

SPECIFICATIONS & FEATURES

	Metric (mm -kg)	Imperial (inch -lb)
Working load limit	2500	5511
Number of wheel	4	
Strap of both sides	8	
Width of slab on each side	268	10.6"
Net weight	206	425
Gross weight	212	439
Packaging dimension	2450 x 1020 x 420	96.5" x 40.2" x 16.5"

- Sturdy and safe structure, designed to eliminate any risk of the slab tipping over.
- Slabs are placed on special rubber profiles and secured with 6 adjustable locking bars.
- Locking bars are produced with a slight bow to ensure that the full length of the bar presses against the slab.
- Six securing/locking bars together with ratchet straps.
- Frame features 2 hooking points to be picked up empty frames by crane or other hoisting equipment.
- Counter-lever handle with wheels allow the frame to be moved manually, even when loaded.
- Four heavy duty wheels.
- Six ratchet securing bars to restrain and protect load during transportation.
- Includes with forklift receivers to lift from all four sides of the Transport Frame
- Powder-coated finish.
- Frames can be hot galvanized upon request.

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## SAFETY INSTRUCTIONS

### **Before operation:**

- Make sure that the Transport Frame is 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 wheels are in the faultless conditions. If they are any damages or are defective, replace with new ones.
- If the Transport Frame combines 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/moving/storing the stone.

### **During operation:**

- The materials should be restrained in a proper manner during transporting.
- Check the wheels regularly.
- The materials should be evenly loaded on both sides of the Transport 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.





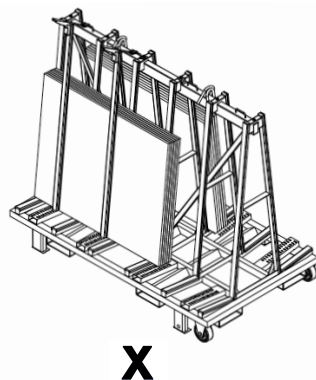
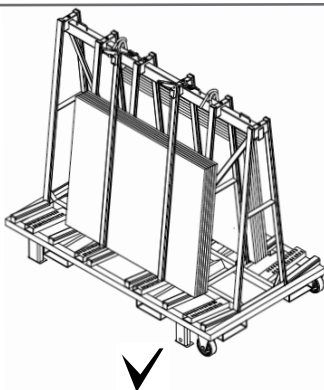
## After operation:

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

## INSTRUCTIONS FOR USE

**Step 1** Ensure that the Transport Frame is placed on a flat, even surface.

**Step 2** Place the materials on the frame, ensuring slabs are centered and loaded on both sides of the frame so that the frame is balanced:



**Step 3** Locking bars are produced with an angled insertion point at the base to ensure that the bars cannot jump out of position while frames are being transported. Install the ratchet locking bars by first setting the bottom end into the slot on the frame base at a 45° angle as the picture displayed.

Then push the bar to an upright position against the slabs. After this hook the ratchet strap to the top of frame and tighten the ratchet to restrain the slabs as the picture shown.

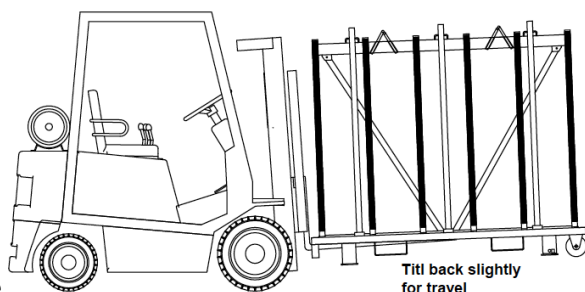


**Step 4** Check if all slabs are tightened on the frame before transporting and moving.

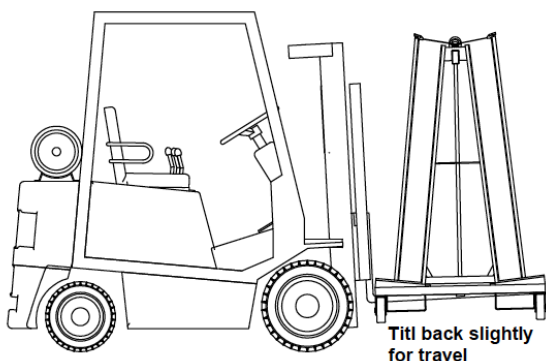
**Step 5** When transporting the loaded frame from place to place, the user can use a forklift truck to move the loaded frame, or move the loaded frame manually by means of the counter-levered handle:



**Step 6** If using a forklift truck, insert the fork tynes into the forklift tyne receivers built into the frame to lift the loaded frame. If using fork extensions, mind the distance from forklift because of the principle of the lever, the longer the distance from fork mast, the lower the load capacity.



**Note:** The user can use the Fork Extensions from Aardwolf to increase the length and strength for the forklift truck. The Fork Extensions consist of the Standard and Heavy Duty versions with different lengths and capacities.



**Step 7** When the Transport Frame is to be parked for some time, the back-support legs should be lowered using the counter-levered handle to jack up the frame and repositioning the pins to lower the support legs:

**Note:** Support legs should always be lowered when a loaded frame is being transported on a truck.



**Step 8** After finishing each cycle of transportation, the user can remove the empty frame from the truck and transport the next loaded frame.

**Caution** Before moving the materials confirm that the materials are neatly loaded and ratchet straps are all firm and tight. Be sure to check that the load is within the work load limit.

**Recommendation** When transporting large slabs, frames should be loaded and unloaded from the transport frame while the transport frame is on the ground. Fully loaded transport frames can be loaded onto and off-loaded from trucks by forklift.

- 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.

## WARRANTY

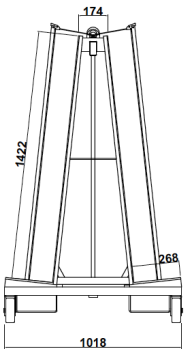
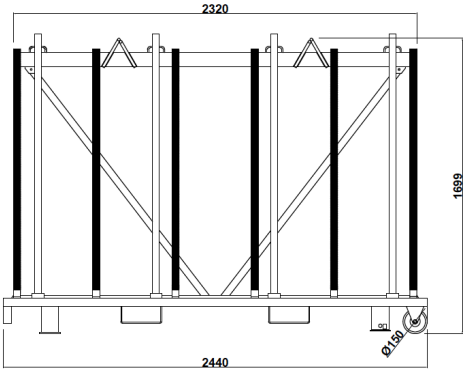
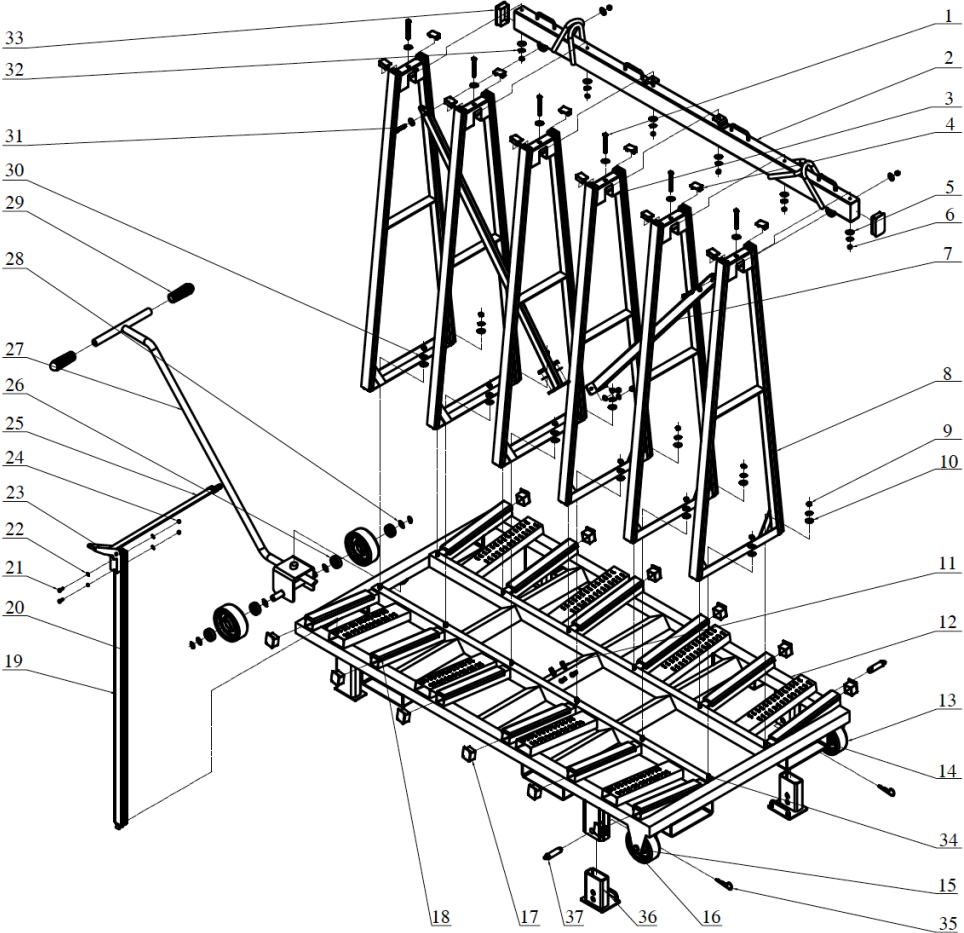
At the time of delivery, it is necessary to check that the Transport Frame TF2440 has not been damaged during shipment. Any claims must be presented within eight days from the date of delivery. We grant one year warranty on the Transport Frame from the date of purchase (Do not include the rubber layers).

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.



TRANSPORT FRAME TF-2440  
ASSEMBLY DIAGRAM



## TRANSPORT FRAME TF-2440 PART LIST

CODE	POSITION	DESCRIPTION	QTY
TF2440 - 001	1	Hexagon Bolt M14x120	06
TF2440 - 002	2	Cross Bar	01
TF2440 - 003	3	A Frame	06
TF2440 - 004	4	"C" Slot Plastic Cap 40 x 20	12
TF2440 - 005	5	Washer Ø14	12
TF2440 - 006	6	Hexagon Nut M14	06
TF2440 - 007	7	Oblique Bar	02
TF2440 - 008	8	Rubber of A Frame	12
TF2440 - 009	9	Hexagon Nut M12	18
TF2440 - 010	10	Washer Ø12	36
TF2440 - 011	11	Hexagon Bolt M12x30	04
TF2440 - 012	12	Base	01
TF2440 - 013	13	Plastic Wheel Ø150	04
TF2440 - 014	14	Circlip Ø20	04
TF2440 - 015	15	Spacing	04
TF2440 - 016	16	Pin Ø20	02
TF2440 - 017	17	Plastic Cap 40 x 40	12
TF2440 - 018	18	Rubber of Base	12
TF2440 - 019	19	Load Bar	08

CODE	POSITION	DESCRIPTION	QTY
TF2440 - 020	20	Rubber Of Load Bar	08
TF2440 - 021	21	Hexagon Bolt M6x20	16
TF2440 - 022	22	Washer Ø6	32
TF2440 - 023	23	Hexagon Nut M6	16
TF2440 - 024	24	Buckle	08
TF2440 - 025	25	Belt	08
TF2440 - 026	26	Bearing 6204	08
TF2440 - 027	27	Canilever	01
TF2440 - 028	28	Washer Ø20	08
TF2440 - 029	29	Handhold Ø27	02
TF2440 - 030	30	Spring Washer Ø12	18
TF2440 - 031	31	Hexagon Bolt M12x40	02
TF2440 - 032	32	Spring Washer Ø14	06
TF2440 - 033	33	Plastic Cap 80x40	02
TF2440 - 034	34	Hexagon Bolt M12x100	12
TF2440 - 035	35	Cotter Pin	02
TF2440 - 036	36	Support Leg	02
TF2440 - 037	37	Pin	02

When ordering, please give number of spare - part (code number) plus type of Transport Frame 2440.  
 For example: Transport Frame TF2440 - 001 , QTY 10  
 Transport Frame TF2440 - 004 , QTY 02

Updated date: March 19<sup>th</sup>, 2020





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