



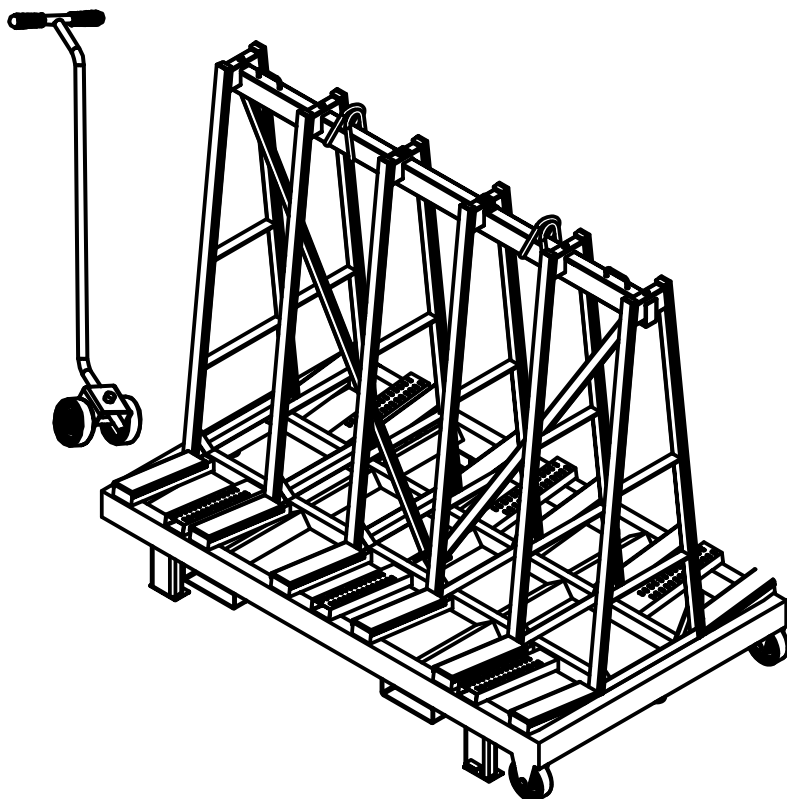
# AARDWOLF TRANSPORT FRAME 3050H

**OWNER'S MANUAL**

**PRODUCT CODE: TF-3050H**

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## 1. GENERAL

Designed to transport large slabs such as granite, marble, engineered stone, glass, etc. The Transport Frames Mod TF3050H has been designed so that large slabs can be loaded onto or off the frames while the frame is on the ground. The frame together with its load can then be placed on a truck by forklift, illuminating the need for workers to place themselves in danger while handling slabs while standing on the truck. This also has the advantage of quickly loading or off-loading trucks, thereby increasing transport efficiency.

## 2. SPECIFICATIONS & FEATURES

	<b>Metric</b> (mm-kg)	<b>Imperial</b> (inch-lb)
Working load limit	2500	5511
Length	3050	120"
Strap of both sides	6	-
Width of slab storage base area on each side	207	8"
Net weight	260	573
Gross weight	266	586
Packaging dimension	3050 x 1030 x 450	120" x 40.6" x 17.7"

- Sturdy structure, designed to eliminate any risk of the slab tipping over.
- Slabs are placed on special rubber profiles and secured with 6 locking bars together with ratchet straps to retain materials.
- The frame features 2 hooking points to be picked up by an overhead crane.
- Reinforced with two oblique bars for the firm and secure construction.
- Built-in forklift receivers on two long sides for lifting by forklift.
- The base and uprights come with replaceable white rubber to prevent marking and scratches.
- Counter-lever handle with wheels, allow the frame to be moved manually even when loaded.
- Counter-lever handle is used to jack uploaded frame and lower support legs when wheels are not required.



## 2. SPECIFICATIONS & FEATURES

- Powder-coated finish, which ensures an aesthetic feature as well as the durability of the product.

**Option:** Frames can be hot galvanized finished upon request.

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

## 3. 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.
- Lubricate the wheels.
- 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 Frame.
- 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.



**Step 1:** Install the wheels into the base.

**Step 2:** Place the materials on the frame.

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

**Step 3:** Install the ratchet securing bars by setting the bottom end to the groove on the base 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.

**Step 4:** Place the loaded frame on the base firmly.

**Step 5:** Check if all slabs are tightened on the frame before transporting and moving.

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

**Step 6:** If the user want to move the loaded frame around the factory, they can use the handle bar to move it to the desired location.

**Step 7:** For transporting the loaded frame from place to place the user can use a crane or forklift truck to move.

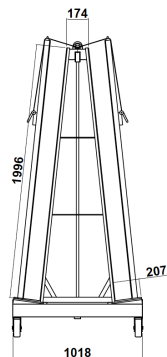
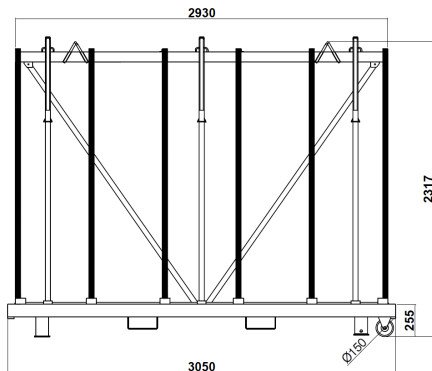
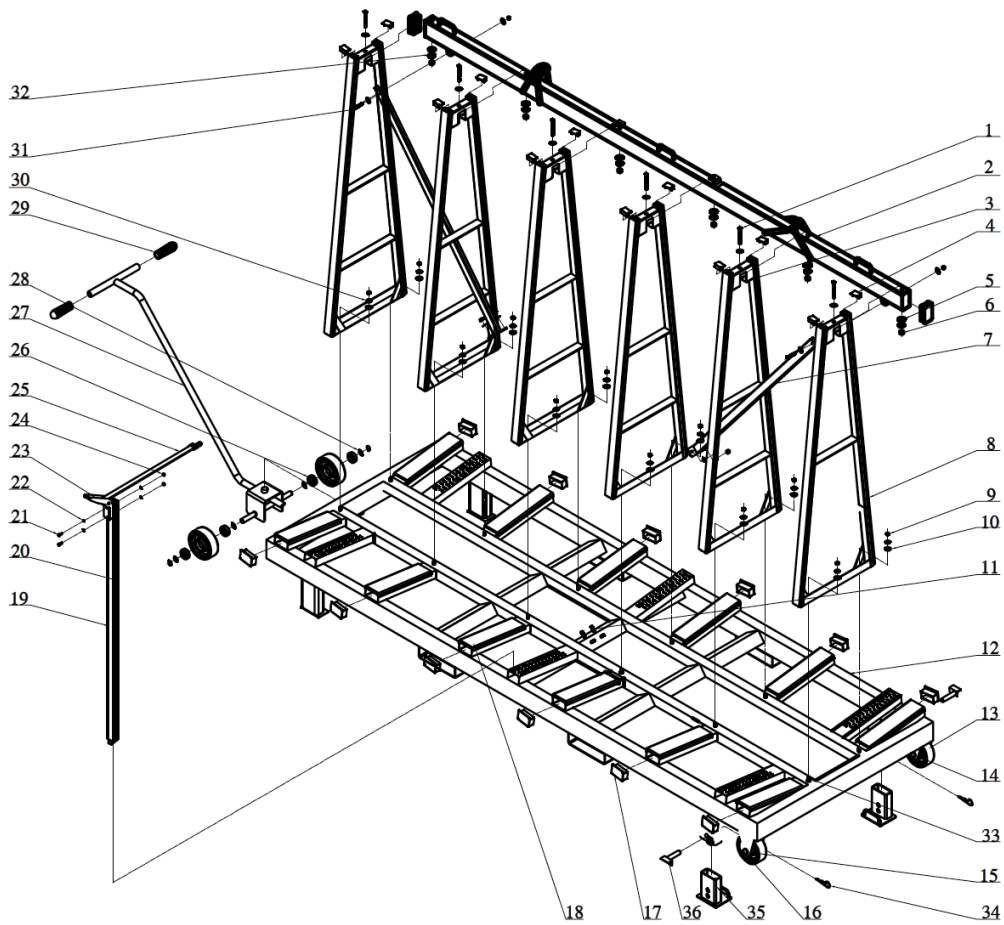
- **With a crane:** The user can use the chain and attach to the hook with the hooking points of the frame, then lift the frame onto the truck.
- **With a forklift truck:** Slide the fork blades of the forklift truck into the pocket of the frame to lift the loaded frame until the loaded frame is fully placed on the truck. Mind the distance from forklift because of the principle of the lever, the longer the distance from the pivot the lesser the weight 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 8:** When finishing each cycle of the transportation, the user can remove the empty frame from the truck and can transport the next loaded frame.



## TRANSPORT FRAME TF-3050H ASSEMBLY DIAGRAM



# TRANSPORT FRAME TF-3050H PART LIST

CODE	POSITION	DESCRIPTION	QTY
TF3050H - 001	1	Hexagon Bolt M14x120	06
TF3050H - 002	2	Cross Bar	01
TF3050H - 003	3	A Frame	06
TF3050H - 004	4	"C" Slot Plastic Cap 40 x 20	12
TF3050H - 005	5	Washer Ø14	12
TF3050H - 006	6	Hexagon Nut M14	06
TF3050H - 007	7	Oblique Bar	02
TF3050H - 008	8	Rubber of A Frame	12
TF3050H - 009	9	Hexagon Nut M12	18
TF3050H - 010	10	Washer Ø12	36
TF3050H - 011	11	Hexagon Bolt M12x30	04
TF3050H - 012	12	Base	01
TF3050H - 013	13	Plastic Wheel Ø150	04
TF3050H - 014	14	Circlip Ø20	04
TF3050H - 015	15	Spacing	04
TF3050H - 016	16	Pin Ø20	02
TF3050H - 017	17	Plastic Cap 80 x 40	14
TF3050H - 018	18	Rubber of Base	12

CODE	POSITION	DESCRIPTION	QTY
TF3050H - 019	19	Load Bar	06
TF3050H - 020	20	Rubber Of Load Bar	06
TF3050H - 021	21	Hexagon Bolt M6x20	12
TF3050H - 022	22	Washer Ø6	24
TF3050H - 023	23	Hexagon Nut M6	12
TF3050H - 024	24	Buckle	06
TF3050H - 025	25	Belt	06
TF3050H - 026	26	Bearing 6204	08
TF3050H - 027	27	Cantilever	01
TF3050H - 028	28	Washer Ø20	08
TF3050H - 029	29	Handhold Ø27	02
TF3050H - 030	30	Spring Washer Ø12	18
TF3050H - 031	31	Hexagon Bolt M12x40	02
TF3050H - 032	32	Spring Washer Ø14	06
TF3050H - 033	33	Hexagon Bolt M12x100	12
TF3050H - 034	34	Cotter Pin	02
TF3050H - 035	35	Support Leg	02
TF3050H - 036	36	Pin	02

When ordering, please give number of spare - part (code number) plus type of Transport Frame 3050H.

For example: Transport Frame TF3050H - 001, QTY 10

Transport Frame TF3050H - 004, QTY 02

Updated date: June 16<sup>th</sup>, 2020

- 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.

## 7. WARRANTY

At the time of delivery, it is necessary to check that the Transport Frame TF3050H 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 not applicable:

- 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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