

**EZ INSTALLATION CART USER'S MANUAL**

# **1. IMPORTANT SAFETY INFORMATION**

## **WARNINGS!!!**

- Ensure that each employee reads and understand this manual before using this cart.
- Please be cautious and alert at all times using this devise for yourself and your fellow installer's safety. Be mindful of the fact that people are getting injured by handling heavy pieces of stone mostly due to lack of knowledge, carelessness and not being focused on the task.
- Straps off - Hands on. When the table is in a horizontal position and without any straps holding the stone down on the cart, the stone could slide in any direction on the transfer bearings. Therefore, ensure that someone has a hand on the stone when the straps are taken off.
- Ensure brakes are on at all times when cart is not in motion.
- Do not exceed Manufacturers Capacity.

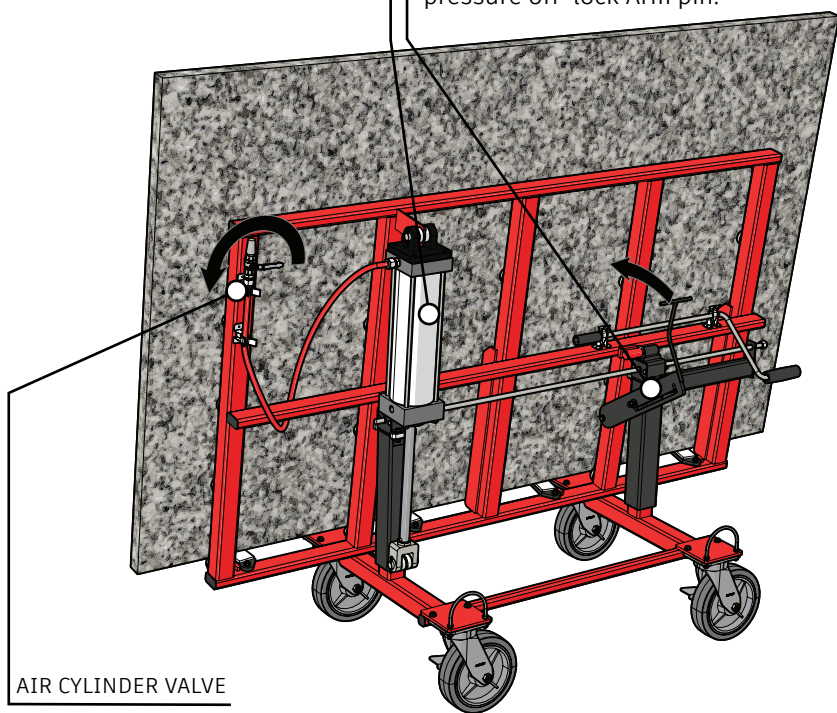
## 2. GETTING TO KNOW YOUR EZ INSTALLATION (EZ I) CART

### AIR CYLINDER

The purpose of the air Cylinder is to act as a damper by assisting installers to lower a heavy piece of stone when the table is tilted from the upright transport position into a horizontal position when ready to install big Islands.

### LOCKING ARM

The lock-arm, locks the table in either horizontal or vertically position. Pulling the handle on the lever upwards will unlock the table and allow to change table direction. Release of lever will allow the lock arm to drop by gravity back into a locking position once the table reached its position. In order to ease the unlocking of the Lock Arm if Cart is loaded Push stone slightly back to release pressure off lock Arm pin.



### AIR CYLINDER VALVE

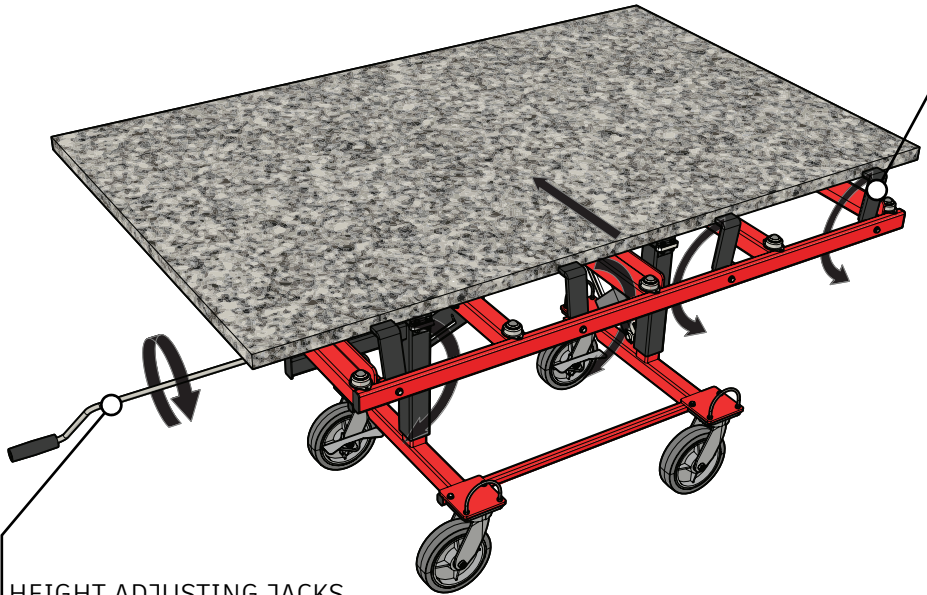
If table is not loaded, keep Air Cylinder Valve in open position before tilting the table in any direction up or down to allow air to flow freely and ease the tilting motion.

When table is loaded with stone, open Air Cylinder Valve for about 5 seconds to allow air to flow into the cylinder chamber. Then, close Air Cylinder Valve prior to tilting the table. This will damp the cylinder and prevent the table with heavy stone to go into a freefall once it passes 45 degrees on its way downwards. The damping effect of the cylinder will assist the installers bringing the stone down and prevent injuries by handling heavy stones.

If table comes to a complete standstill before the stone reaches the cabinets, Gradually open the valve to continue lowering the stone until it lands safely onto the cabinets and ready to be transferred to it's destined position.

## SLAB REST SWIVEL LEVERS

Once table is in the horizontal position, levers will drop automatically when stone is pulled back for about 2 inches. The EZ I Cart table is now cleared from the Slab rests and ready to transfer the stone in any directions 360 degrees onto cabinets. Always ensure Castor Brakes are on.



### HEIGHT ADJUSTING JACKS

Table height can be adjusted with cranking handle from 33 inches to 40 inches. The purpose of the Mechanical Jacks is to accommodate any different cabinet heights by adjusting the height of the table to the same height of the cabinets.

Turning the Crank handle clockwise will increase the height. To lower the table, turn the Crank handle anti-clockwise.

One complete rotation of the crank will adjust the table height by approximately 1/8 of an inch.

### SPECS

Table size: 65" x 38"

Wheel Base: 36" x 28"

Casters: 8"

Height: 33"~41" in horizontal position; 48" in vertical position

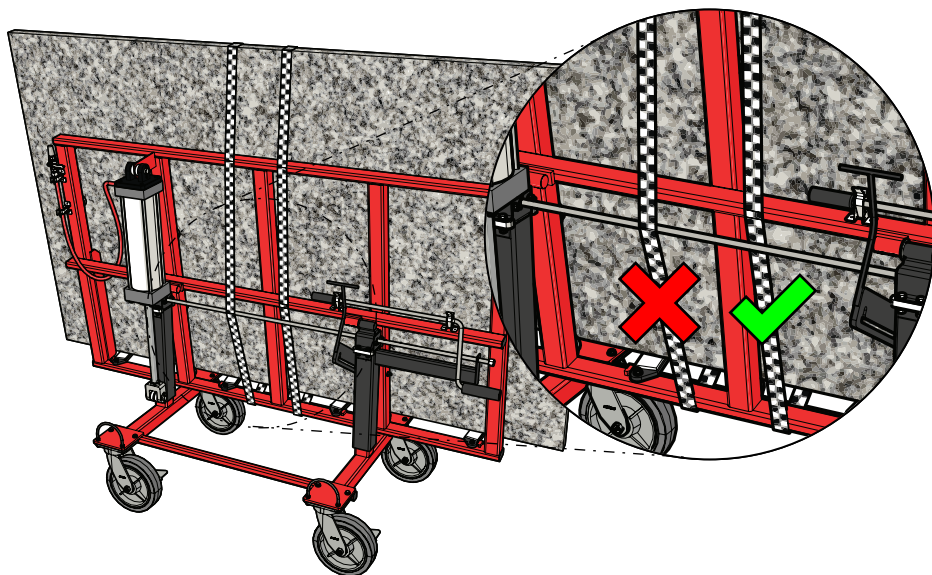
Weight: 275lb

Load Capacity: 1200lb (120" x 72")



### **3. LOADING STONE ONTO THE EZ CART**

- Lock brakes prior to loading the EZ I Cart
- Open Air Cylinder Valve prior to any directional change of table to allow air to flow freely in and out of the cylinder.
- When table is in vertical position and prior to loading stone onto the EZ I Cart flip stone rest brackets outwards for stone to rest on.
- When lowering the stone, keep a few inches away from bearings until bottom of stone past the upper end of the transfer bearing guard bars.
- Ensure that the center of the stone lines up with the center of EZ I Cart.
- Use bearing guard bars as a guide to lower stone slowly down onto the stone rest brackets
- Strap the stone down on front and back of the EZ I cart to the table only.
- Do not bind the crankshaft when strapping the stone down to the EZ I Cart. Ensure strap is between the crank shaft and the table. If straps go around crank shaft the tension caused by the straps will bend the shaft and effect the functionality and operation of the EZ I Cart.



## **4. HOW TO SECURE EZ INSTALLATION CART AND STONE FOR TRANSPORTATION**

- Load Island or any large piece of stone on EZ I cart in the shop.
- Load your EZ I Cart with stone in the shop on a trailer with the LMI aluminum ramp.

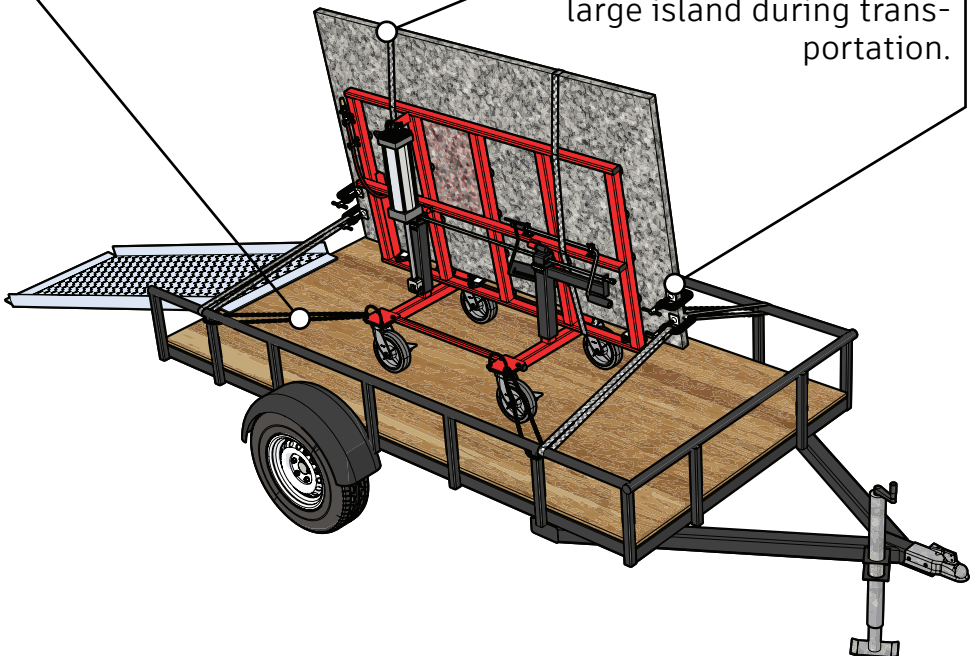
•SECURE EZ I Cart TO TRAILER - When transporting the EZ ICart with stone, ensure that the cart by itself is strapped or chained down independently to the transporting vehicle.

•SECURE STONE TO EZ I Cart

Ensure at all times that the stone is properly strapped down on the EZ I Cart up to the point where it is ready for transfer onto the cabinets.

•SECURE STONE TO TRAILER

Use Stabilizing clamp on each end of the stone tied down to the transporting vehicle. This will stabilize large island during transportation.



- Use aluminum ramp to roll EZ I Cart from trailer, as well as up or down steps.

## **5. MAINTENANCE & TROUBLE SHOOTING**

### MAINTENANCE

- Grease jacks, wheels and brakes regularly.
- Lubricate transfer roller bearings often with WD 40. Wipe down any excessive oil.
- Check Stone Rest Bracket clearance regularly. Allow just enough clearance for brackets to swivel by itself when table is tilted to a horizontal position.
- Keep your EZ I Cart clean.
- Store EZ I Cart indoors for longevity.

### TROUBLE SHOOTING

LOCK ARM – Hard to disengage / lift handle of Lock Arm to tilt table from Vertical to horizontal

Solution: Apply pressure on table with stone to release load off pressure point between lock arm and pin

STONE REST BRACKETS – Not dropping down when table is in horizontal position and stone is moved back from Stone Rests

Solution: Stone Rest Brackets clearance should be as little as possible but enough to slide by its own weight when table is tilted to horizontal position.

Use 9/16" wrench and adjust bolts accordingly.

## **6. WARRANTY**

### **ONE YEAR LIMITED WARRANTY**

#### **WHAT IS COVERED**

The manufacturer warrants this Installation Cart to be free from defects in materials and workmanship for a period of one year only from date of purchase. This warranty applies only to the original consumer and only to products used in normal use and service. If this product is found to be defective, the manufacturer's only obligation, and your exclusive remedy, is the repair or replacement of the product at the manufacturer's discretion, provided that the product has not been damaged through misuse, accident, modifications, alterations, neglect or mishandling.

#### **WHAT IS NOT COVERED**

This warranty shall not apply to any product that is found to have been improperly used, set-up, or used in any way not in accordance with instructions supplied with this product. This warranty shall not apply to a failure of the product as a result of an accident, misuse, abuse, negligence, alteration, or faulty operation, or any other failure not relating to faulty material or workmanship. This warranty shall not apply to the finish on any portion of the product such as surface and or weathering as this is considered normal wear and tear.

The manufacturer does not warrant and specifically disclaims any warranty, whether express or implied, of fitness for a particular purpose, other than the warranty contained herein. The manufacturer specifically disclaims and shall not be liable for any consequential or incidental loss or damage, including but not limited to any labor / expense cost involved in the replacement or repair of said product.