



## PRO-LIFT TILT-UP SYSTEMS

### PRO-LIFT Face Lift Insert



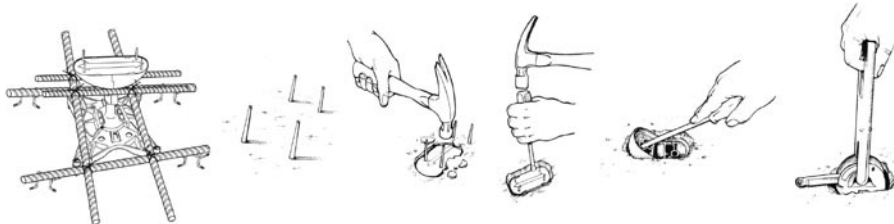
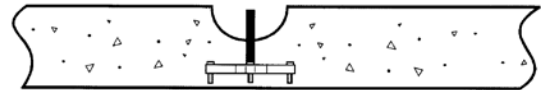
The PRO-LIFT face lift insert is made up of three distinct parts:

- A plastic insert base that rests on the casting surface to eliminate the potential of rusting. It is concrete gray in color to minimize visual exposure.
- A disposable plastic void former provides a properly sized and shaped recess in the concrete to allow the PRO-LIFT lifting hardware to attach to, and release from the anchor efficiently. The top of the void former has a directional arrow in full view to help the contractor correctly install the anchor. It has four integrally positioned antennae that will assist in locating the anchors after they have been placed in concrete.
- A hot forged anchor that is tough, yet ductile enough to be the safest and most user-friendly anchor in the Tilt-Up industry.

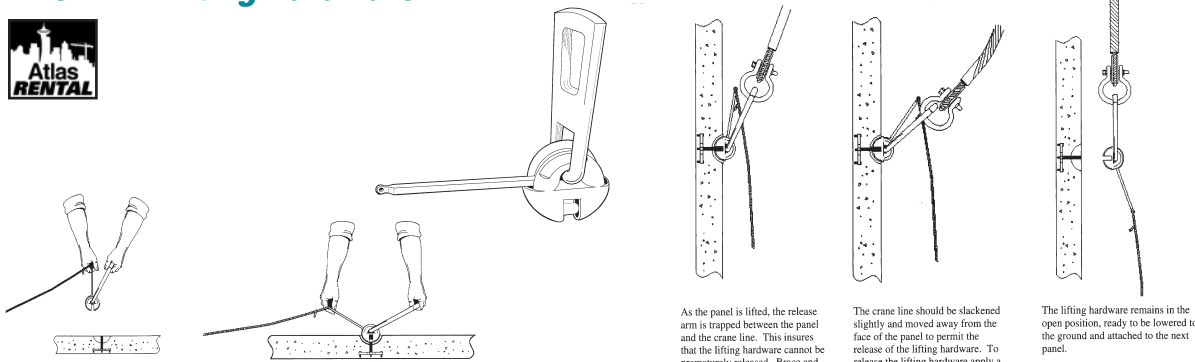
### PRO-LIFT Face Lift Insert Load Chart

PANEL THICKNESS	5"	5-1/2"	6"	6-1/2"	7"	7-1/4"	7-1/2"	8"	8-1/2"	9"	9-1/2"	10"
<b>PRO-LIFT 1</b>	8,000	10,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000
<b>PRO-LIFT 2</b>			13,000	13,200	14,200	14,900	15,000	15,250	15,600	16,000	16,000	16,000
<b>PRO-LIFT 3</b>						15,700	16,700	19,000	21,400	22,800	22,800	22,800

- Concrete strength at time of lift to be at a min. of 2,500 PSI.
- Insert loads shown are for normal weight concrete (150 lbs. PCF).
- Safe working loads are expressed in pounds.
- Safe working loads provide an approximate 2 to 1 safety factor.



### PRO-LIFT Lifting Hardware



To install the lifting hardware onto the insert, hold the hardware by the bail, release arm, and lower it onto the head of the insert. Check to make certain the release arm points to the top of the panel.

Lower the release arm until the arm comes in contact with the panel. Lay the release line along side the lifting hardware so that the line goes to the bottom of the panel. With the crane lines attached, the panel is now ready for lifting.

As the panel is lifted, the release arm is trapped between the panel and the crane line. This insures that the lifting hardware cannot be prematurely released. Brace and secure the panel into position.

The crane line should be slackened slightly and moved away from the face of the panel to permit the release of the lifting hardware. To release the lifting hardware apply a single downward force to the release line.

The lifting hardware remains in the open position, ready to be lowered to the ground and attached to the next panel.

