OVERVIEW

LI11-A-SYST® SERIES 30 COUNTERBALANCE CAN BE INSTALLED ON THE WALL/CABINET OR ON THE DIE WALL.

TYPICAL INSTALLATION CONSISTS OF A 3/4" SUBSTRATE AND 1/2" (1 CM) TO 1-1/4" (3 CM) COUNTERTOP.

THE DIE WALL BRACKETS KIT (P/N: CB-90-K2BB) IS REQUIRED TO INSTALL LI11-A-SYST® ON THE DIE WALL. THE KIT IS NOT INCLUDED AND NEEDS TO BE PURCHASED SEPARATELY.

SEE SHEET 3 IF MOUNTING LI11-A-SYST® ON THE DIE WALL.

INSTALLATION ON THE WALL/CABINET

INSTALLATION ON THE DIE WALL

EXAMINATION

STOP: THIS IS A GENERAL GUIDE. ALL MEASUREMENTS MUST BE VERIFIED BY THE INSTALLER.


VERIFY THE MOUNTING WALL/CABINET AREA IS LARGE ENOUGH TO ACCOMMODATE THE MOUNTING BRACKET. (REFER TO TEMPLATE A)

MEASURE THE OPENING. (FIGURE A)

NOTE: THE DISTANCE FROM THE PIVOT POINT TO THE OUTER EDGE OF THE FLIP-UP COUNTER MUST BE 2-7/8" OR LESS FOR PROPER CLEARANCE.

-DETERMINE THE FINISHED COUNTERTOP THICKNESS (X) TO DETERMINE THE FIXED COUNTERTOP OVERHANG AND COUNTERTOP STOP LOCATION. (TABLE 1)

NOTE: FINISHED COUNTERTOP THICKNESS (X) SHOULD INCLUDE THE ADHESIVE THICKNESS BETWEEN THE COUNTERTOP AND SUBSTRATE.

TABLE 1

<table>
<thead>
<tr>
<th>COUNTERTOP THICKNESS</th>
<th>FIXED COUNTERTOP OVERHANG, IN [MM]</th>
<th>COUNTERTOP LENGTH, IN [MM]</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 cm (1/2&quot;)</td>
<td>1.33 (34)</td>
<td>C-1.3 (34)</td>
</tr>
<tr>
<td>2 cm (3/4&quot;)</td>
<td>1.15 (29)</td>
<td>C-1 (25)</td>
</tr>
<tr>
<td>3 cm (1-1/4&quot;)</td>
<td>.66 (17)</td>
<td></td>
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</tbody>
</table>

TYPICAL CHAMFERING OF COUNTERTOPS

COUNTERTOP THICKNESS 3 cm (1-1/4")

COUNTERTOP THICKNESS 1 cm (1/2") OR 2 cm (3/4")
MOUNTING WALL / CABINET INSTALLATION

STEP 1. TRANSFER CENTERS OF SETUP SLOTS.
- FINISHED COUNTERTOP
- SCRIBE LINE

SETUP SLOTS

-POSITION TEMPLATE A ON MOUNTING WALL/CABINET.
- MEASURE DISTANCE (X) DOWN FROM FIXED COUNTERTOP.
- AND SCRIBE A LINE PARALLEL TO THE FIXED COUNTERTOP.
- TABLE IS
- ALIGN EDGE OF TEMPLATE WITH SCRIBE LINE.
- MARK AND DRILL SETUP SLOTS.

STEP 2. ATTACH LIFT-1-A-SYST® TO MOUNTING WALL/CABINET.

USING THE SETUP SLOTS, ATTACH THE LIFT-1-A-SYST® TO THE COUNTERSUBSTRATE WITH 1/4-20 BOLTS.

NOTE: THE USE OF T-NUTS IS HELPFUL GIVING A FLUSH SURFACE TO MOUNT THE COUNTERTOP.

STEP 3. TRANSFER CENTERS OF SETUP SLOTS TO SUBSTRATE.

- USING THE SETUP SLOTS, ATTACH THE LIFT-1-A-SYST® TO THE MOUNTING WALL/CABINET WITH 1/4-20 BOLTS.

STEP 4. ATTACH COUNTERTOP SUBSTRATE TO SUBSTRATE BRACKET.

- DRILL AND THRU BOLT WITH 1/4-20 BOLTS IN REMAINING HOLES FOR BOTH SUBSTRATE AND MOUNTING BRACKETS.

STEP 5. TEST FIT COUNTERTOP.

- CAREFULLY PUSH THE COUNTERTOP SUBSTRATE DOWN AND PLACE THE COUNTERTOP ONTO THE SUBSTRATE TO CHECK FOR CLEARANCE AND FIT. ADJUST IF NECESSARY.


STEP 6. FULLY SECURE LIFT-1-A-SYST® AND COUNTERTOP SUBSTRATE.

- REMAINING MOUNTING HOLES ON EACH PLATE.

STEP 7. ATTACH COUNTERTOP.

- SEE APPROVED SHOP DRAWING FOR DETAILS.

STEP 8. BALANCE COUNTERTOP.

- THE LIFT-1-A-SYST® IS NOT TENSIONED AT THIS TIME AND WILL NOT HOLD THE COUNTERTOP IN THE OPEN POSITION.

- WITH THE COUNTERTOP IN THE OPEN POSITION, TURN THE ADJUSTMENT BOLT COUNTERCLOCKWISE FIVE FULL TURNS, THEN SLOWLY LOWER THE COUNTERTOP CHECKING TO SEE IF IT IS BALANCED.

- WHEN PROPERLY ADJUSTED, THE COUNTERTOP WILL REMAIN STATIONARY WHEN RELEASED IN ANY POSITION.

- ADJUST AS NEEDED ONE FULL TURN (P) UNTIL THE COUNTERTOP IS BALANCED.

- NO MAINTENANCE REQUIRED.

CAUTION:
- THE COUNTERBALANCE CREATES A TWISTING EFFECT.
- IF TWISTING IS SEEN ON THE MOUNTING WALL, THE WALL MUST BE REINFORCED.
STEP 1 - ATTACH DIE WALL BRACKETS.

- BOLT THE TWO DIE WALL BRACKETS TO THE LIFT-A-SYST® USING THE HARDWARE PROVIDED.

STEP 2A. POSITION LIFT-A-SYST® ONTO DIE WALL.

- THE LIFT-A-SYST® IS MOUNTED (X) DISTANCE DOWN FROM THE FIXED COUNTERTOP TO THE TOP OF THE DIE WALL BRACKET.

NOTE: ADDITIONAL BLOCKING MAY BE NECESSARY.

- MARK AND DRILL 12 DIE WALL BRACKET HOLES.

STEP 2B. ATTACH LIFT-A-SYST® TO DIE WALL.

- THRU BOLT THE LIFT-A-SYST® TO THE DIE WALL WITH 1/4-20 BOLTS.
  USE ALL AVAILABLE MOUNTING HOLES.
  NOTE: THE USE OF T-NUTS IS HELPFUL GIVING A FLUSH SURFACE TO MOUNT THE COUNTERTOP.

GO STEP 3 THROUGH STEP 8 (SEE SHEET 2) TO COMPLETE LIFT-A-SYST® INSTALLATION.