

INTRODUCING...

Lift-A-SYST

OVERVIEW The Lift-A-SYST is designed to provide assisted lifting force and mid-span balancing, allowing safety and usability for countertop doors users.

FEATURES

- Neutralizes weight of countertop door
- Stainless steel & aluminum parts
- Easy installation on factory floor or job site
- Maintenance free

APPLICATIONS

- Restaurants
- Bars & Nightclubs
- Hotels & Motels
- Resorts & Casinos
- Hospitals
- Educational Institutions
- Work Stations

For use on granite, marble, wood and solid surface counters Controls movement of countertop door from 0 – 95 degrees by neutrally balancing the door weight.

AVAILABLE SIZES: LAS 501, LAS 502, LAS 503, LAS 504, LAS 505, LAS 506

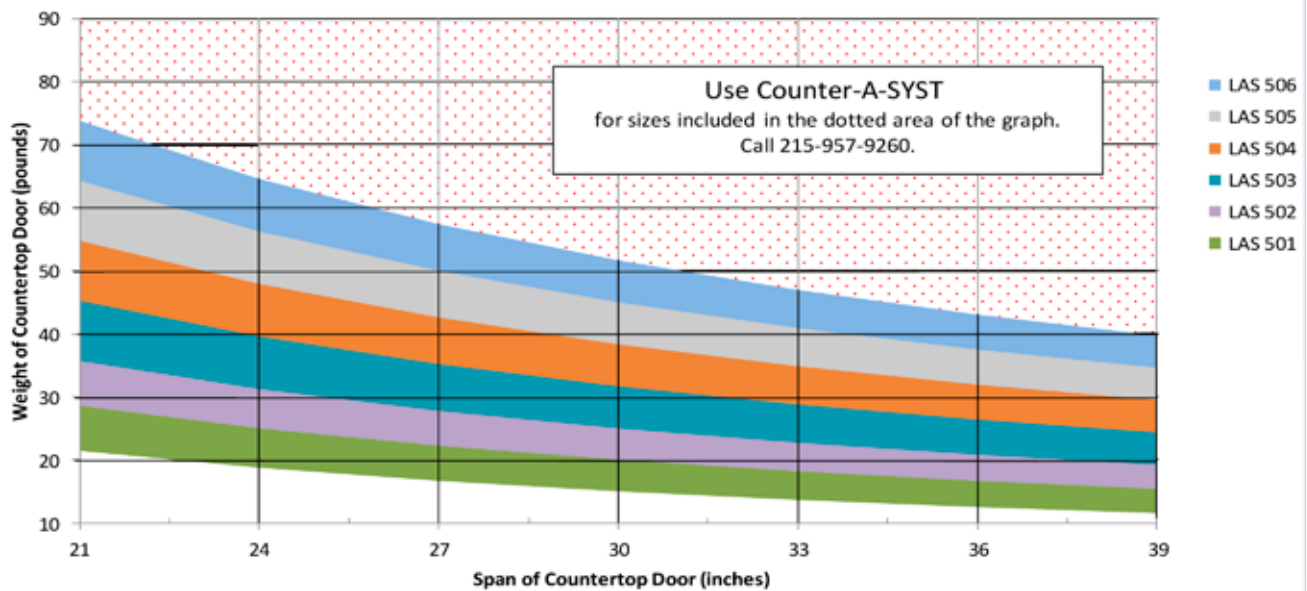
(Special sizes available on request)

Instructions: Calculate weight of door from chart on reverse side. Measure door span.

Locate intersection on chart to identify Lift-A-SYST model.



Lift-A-SYST Selection Chart



AUSTIN 512-828-5800	BOISE 208-658-9663	CITY OF INDUSTRY 626-336-2495	DALLAS 469-568-2280	EL CAJON 619-442-0821	HONOLULU 808-839-4404	HOUSTON 713-333-1360	LAS VEGAS 702-365-6422
PHOENIX 602-271-4608	PORTLAND 503-253-2424	RENO 775-359-6599	SALT-LAKE 801-972-5110	SAN FRANCISCO 510-259-1300	SAN MARCOS 760-471-4971	SEATTLE 253-804-0793	SPOKANE 509-891-1100
WINSTON 541-679-4957	CALGARY 403-287-3930	EDMONTON 780-451-2384	REGINA 306-721-2420	SASKATOON 306-242-5656	VANCOUVER 604-513-8122	VICTORIA 250-652-3722	WINNIPEG 204-694-8813

Instruction Guide for Calculating Weight of Countertop Door

UNIT WEIGHT (W) FOR COMMON COUNTERTOP DOOR MATERIALS, BY CONSTRUCTION CATEGORY

		MATERIAL	MATERIAL THICKNESS (T)			
CATEGORY	A	Framing	1x4	2x4		
		Wood - Doug Fir	.7 lbs/lf	1.4 lbs/lf		
	B	Substrate	1/2"	3/4"	1"	1-1/4" 1-1/2"
		Plywood	1.5 lbs/sf	2.3 lbs/sf	3.0 lbs/sf	3.4 lbs/sf 4.6 lbs/sf
		MDF		3.0 lbs/sf		6.0 lbs/sf
	C	Surface	1/2"	3/4"	1"	1-1/4" 1-1/2"
		Wood - Oak, Maple, Walnut	1.5 lbs/sf	2.3 lbs/sf	3.0 lbs/sf	3.8 lbs/sf 4.5 lbs/sf
		Wood - Mahogany, Cherry, Doug Fir	2.0 lbs/sf	3.0 lbs/sf	4.0 lbs/sf	5.0 lbs/sf 6.0 lbs/sf
		Wood - Ebony	2.5 lbs/sf	3.8 lbs/sf	5.0 lbs/sf	6.3 lbs/sf 7.5 lbs/sf
		Solid Surface/Corian	4.4 lbs/sf			
		Stone - Granite	7 lbs/sf	11 lbs/sf		18 lbs/sf
		Stone - Marble, Limestone, Soapstone	6.5 lbs/sf	10 lbs/sf		17 lbs/sf
		Engineered Stone - Silestone, Cambria, Zodiaq		9 lbs/sf		15 lbs/sf
			.050" Sheet	.062" Sheet	.075" Sheet	1/4" Plate
		Metal - Stainless Steel, Copper, Zinc, Brass	2.0 lbs/sf	2.5 lbs/sf	3.0 lbs/sf	10 lbs/sf
	Metal - Aluminum	.75 lbs/sf	.9 lbs/sf	1.1 lbs/sf	3.7 lbs/sf	
	D	Trim	3/4" x 2"	3/4" x 4"	3/4" x 3"	1-1/2" X 2" 1-1/2" X 3"
		Wood - Oak, Maple,	.4 lbs/lf	.6 lbs/lf	.8 lbs/lf	.8 lbs/lf 1.2 lbs/lf
		Wood - Mahogany, Cherry, Doug Fir	.5 lbs/lf	.75 lbs/lf	1.0 lbs/lf	1.0 lbs/lf 1.5 lbs/lf

HOW TO USE TABLE:

1. Identify Countertop Door Materials by Category: See categories A,B,C or D, on table above
2. Determine Unit Weight (W) for each material based on material thickness: Find Unit Weights (W), on table above
3. Calculate Total Weight for each category (ATOT, BTOT, CTOT & DTOT): Unit Weight (W) x Span x Depth = Category Total Weight
4. Calculate Total Door Weight. Add Category Total Weights: ATOT + BTOT + CTOT + DTOT = Total Door Weight

EXAMPLE:

Countertop construction: A countertop door with a depth of 24" and a span of 36", is constructed of 3/4" Granite surface material on a 3/4" MDF substrate with 3/4" x 2" mahogany skirt trim all around.

Problem: What is the approximate weight of the countertop door?

Calculation:

	Countertop Material by Category	Unit Weight from Table	x Span	x Depth =	CategoryTOT
CATEGORY	A - Framing - No Framing	0 lbs/lf	x 3'	x 2'	0 lbs (A _{TOT})
	B - Substrate - 3/4" MDF	3 lbs/sf	x 3'	x 2'	18 lbs (B _{TOT})
	C - Surface - 3/4" Granite	11 lbs/sf	x 3'	x 2'	66 lbs (C _{TOT})
	D- Trim - 3/4" x 2" Mahogany Skirt	.5 lbs/lf	x ((3' x 2 sides) + (2' x 2 sides) = 10')		5 lbs (D _{TOT})
	Calculate Total Door Weight	A_{TOT} + B_{TOT} + C_{TOT} + D_{TOT} = Total Door Weight			89 lbs TOTAL

NOTES ON TABLE USE: Please note that many countertop doors may not have materials from all categories. In that case, the Category Total Weight should be '0 lbs' in the Total Door Weight calculation. Material thickness is for most standard thicknesses for specific material type. In the event your thickness varies from those shown, Unit Weight should be interpolated from the closest values shown on the table. Table is meant to be used only as a general guide, to obtain an approximate weight for existing or proposed countertop doors, and aid in the selection of the appropriate Lift-A-SYST or Counter-A-SYST® product. Values on the table have been combined from several information sources, have not been verified for their accuracy by CounterBalance Corporation, and may not be reliable for your exact condition. To obtain an accurate weight, CounterBalance Corporation always recommends the actual top to receive the installation be weighed independently of surrounding construction.