



Weight calculation (ROLLING CLOSURES)

CURTAIN WEIGHTS ONLY:

MODEL	lb / sq.ft	kg / m ²
ROLL-VISION	1,10	5,37
ROLL-AIR	1,30	6,35
ROLL-FLEX	0,82	4,00
ROLL-SHUTTER	1,40	6,84
ROLL-126	0,77	3,76
ROLL-GUARD	1,38	6,74
ROLL-99	0,87	4,25

MODEL	lb / sq.ft	kg / m ²
SLIM ROLL-VISION	1,33	6,49
SLIM ROLL-AIR	1,52	7,42
SLIM ROLL-FLEX	1,08	5,27
SLIM ROLL-SHUTTER	1,69	8,25
COUNTER SHUTTER or CABINET SHUTTER	1,29	6,30

ADD ALL NECESSARY ITEMS:

BARREL & SPRING	lb / lin.ft	kg / m	OPERATOR (if included)	lb	kg
6 5/8" (168mm) DIA	20	30	DJ JACKSHAFT MOTOR	100	54
8 5/8" (219mm) DIA	24	36	TUBULAR MOTOR	12	5,5
4 1/2" (114mm) DIA (Manual Counter shutter & SLIM models)	12	18	END PLATES + HARDWARE	50	23
				lb / lin.ft	kg / m
4" (102mm) DIA (Tubular motor, no spring)	5,2	7,7	BOTTOM BAR (to floor)	2	3
			BOTTOM BAR (to counter)	1,2	1,8
ADD SUPPORTS: (if required)	TUBE	3" x 3" (76x76mm) STEEL	4,76	7,1	
		4" x 4" (102x102mm) STEEL	6,46	9,6	
		1 3/4" x 4" (44x102mm) ALUM	3,07	4,6	
ANGLE	2" x 3" (51x76mm) STEEL	1,4	2,1		
	2" x 3" (51x76mm) ALUM	1,7	2,5		

Example:

Calculation of the total weight for a **Roll-Vision** closure for an opening of 14' x 10':
Add 1' 6" to the height of the opening to include the extra curtain around the barrel (to top of coil).

Curtain is 14' x 11' 6" = 161 sq.ft x 1,1 lb / sq.ft = 177 lb
 + 6 5/8" Barrel = 14' x 20 lb / lin. ft = 280 lb
 + Bottom bar = 14' x 2 lb / lin. ft = 28 lb
 + End plates & hardware = 50 lb
 + 3" x 3" x 20' steel tube supports = 2 x 20' x 4,76 lb / lin. ft = 190 lb

Total weight = 725 lb