

LEXIVON

MITER SAW PROTRACTOR

-ALUMINUM-



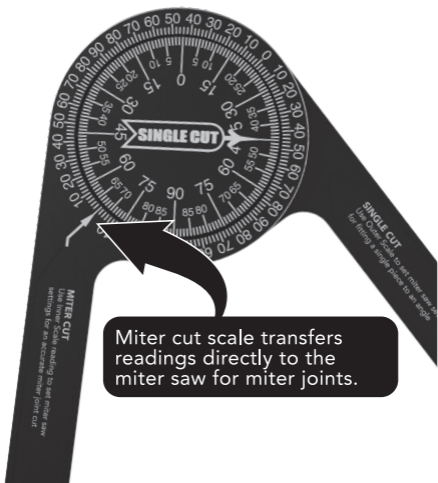
LX-230

PRESENTATION AND
CROWN MOLDING GUIDE

TWO EASY TO USE SCALES:

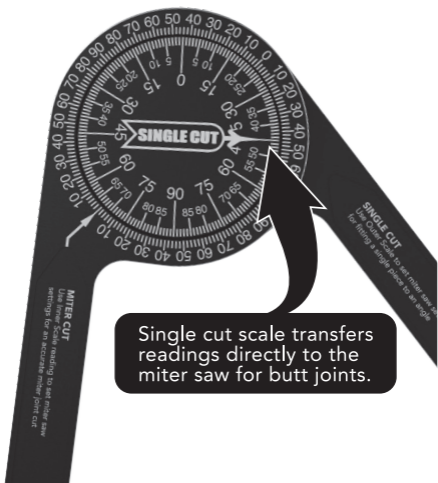
MITER CUT SCALE

The arrow on the handle points to the angle on inner scale for an accurate miter joint cut.

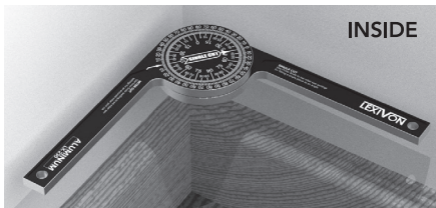


SINGLE CUT SCALE

The center arrow points to the angle on the outer scale to fit a single piece to an angle.



VERSATILE ANGLE READING

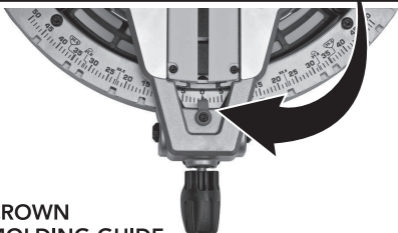


INSIDE



OUTSIDE

Simply set your saw to the angle that you read. Upside down or backwards, the reading is always correct.



CROWN MOLDING GUIDE:

1. Use the LX-230 Protractor to measure the corner angle near the ceiling. Note the 'Miter Cut' value from the dial (inner scale).
2. Determine your spring angle - 38° or 45° (information available where you purchase your crown molding stock).
3. Refer to the 'compound cut conversion table' (see page 6). Locate the row with the same 'Miter Cut' value as your corner measurement.
4. Note the "Miter Angle" and "Bevel Angle" from the row that corresponds to the spring angle of your work piece stock (38° or 45°).
5. Refer to the 'Crown Molding Layout Table' on the next page and carefully set the miter angle and bevel angle on your compound miter saw, then position your work piece with reference to the blade and fence, as indicated. Then, cut your first work piece.
6. Reset the saw and position your second work piece as indicated by the table on the next page. Then, cut your second work piece.

Note: all settings should be tested on scrap moldings first.

CROWN MOLDING LAYOUT (FLAT) USING A SINGLE BEVEL MITER SAW - COMPOUND METHOD:

- Molding laying with broad back surface down flat on saw table.
- You must flip the material around to cut both ends of the inside and outside corners.

INSIDE CORNER

Left side

Miter Swing: **Right**

Bevel Swing: **Left**

Work Piece Location: **Left** of Blade

Molding Edge Against Fence: **Top**



SAVE LEFT

Right side

Miter Swing: **Left**

Bevel Swing: **Left**

Work Piece Location: **Left** of Blade

Molding Edge Against Fence: **Bottom**



SAVE LEFT

OUTSIDE CORNER

Left side

Miter Swing: **Left**

Bevel Swing: **Left**

Work Piece Location: **Right** of Blade

Molding Edge Against Fence: **Bottom**



SAVE RIGHT

Right side

Miter Swing: **Right**

Bevel Swing: **Left**

Work Piece Location: **Right** of Blade

Molding Edge Against Fence: **Top**



SAVE RIGHT

CROWN MOLDING LAYOUT (FLAT) USING A DOUBLE BEVEL MITER SAW - COMPOUND METHOD:

- Molding laying with broad back surface down flat on saw table.
- Top of the molding always rests against the fence for all cuts. No need to flip the material.

INSIDE CORNER

Left side


Miter Swing: **Right**
Bevel Swing: **Left**
Work Piece Location: **Left** of Blade
Molding Edge Against Fence: **Top**



SAVE LEFT

Right side

Miter Swing: **Left**
Bevel Swing: **Right**
Work Piece Location: **Right** of Blade
Molding Edge Against Fence: **Top**



SAVE RIGHT

OUTSIDE CORNER

Left side


Miter Swing: **Left**
Bevel Swing: **Right**
Work Piece Location: **Left** of Blade
Molding Edge Against Fence: **Top**



SAVE LEFT

Right side

Miter Swing: **Right**
Bevel Swing: **Left**
Work Piece Location: **Right** of Blade
Molding Edge Against Fence: **Top**



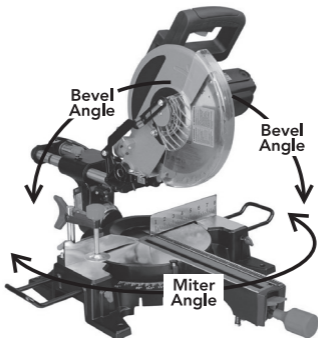
SAVE RIGHT

Compound Cut Conversion Table

	38° Crown		45° Crown	
Miter Cut	Miter Angle	Bevel Angle	Miter Angle	Bevel Angle
1	0.6	0.8	0.7	0.7
2	1.2	1.6	1.4	1.4
3	1.9	2.4	2.1	2.1
4	2.5	3.2	2.8	2.8
5	3.1	3.9	3.5	3.5
6	3.7	4.7	4.3	4.2
7	4.3	5.5	5.0	4.9
8	5.0	6.3	5.7	5.7
9	5.6	7.1	6.4	6.4
10	6.2	7.9	7.1	7.1
11	6.8	8.7	7.8	7.8
12	7.5	9.4	8.6	8.5
13	8.1	10.2	9.3	9.2
14	8.7	11.0	10.0	9.9
15	9.4	11.8	10.7	10.6
16	10.0	12.5	11.5	11.2
17	10.7	13.3	12.2	11.9
18	11.3	14.1	12.9	12.6
19	12.0	14.9	13.7	13.3
20	12.6	15.6	14.4	14.0
21	13.3	16.4	15.2	14.7
22	14.0	17.2	15.9	15.4
23	14.7	17.9	16.7	16.0
24	15.3	18.7	17.5	16.7
25	16.0	19.5	18.3	17.4
26	16.7	20.2	19.0	18.1
27	17.4	21.0	19.8	18.7
28	18.1	21.7	20.6	19.4
29	18.8	22.5	21.4	20.1
30	19.6	23.2	22.2	20.7
31	20.3	23.9	23.0	21.4
32	21.0	24.7	23.8	22.0
33	21.8	25.4	24.7	22.7
34	22.6	26.2	25.5	23.3
35	23.3	26.9	26.3	23.9

Compound Cut Conversion Table

	38° Crown		45° Crown	
Miter Cut	Miter Angle	Bevel Angle	Miter Angle	Bevel Angle
36	24.1	27.6	27.2	24.6
37	24.9	28.3	28.1	25.2
38	25.7	29.0	28.9	25.8
39	26.5	29.7	29.8	26.4
40	27.3	30.4	30.7	27.0
41	28.2	31.1	31.6	27.6
42	29.0	31.8	32.5	28.2
43	29.9	32.5	33.4	28.8
44	30.7	33.2	34.3	29.4
45	31.8	33.9	35.3	30.0
46	32.5	34.5	36.2	30.6
47	33.4	35.2	37.2	31.1
48	34.4	35.9	38.1	31.7
49	35.3	36.5	39.1	32.3
50	36.3	37.1	40.1	32.8
51	37.2	37.8	41.1	33.3
52	38.2	38.4	42.2	33.9
53	39.3	39.0	43.2	34.4
54	40.3	39.6	44.2	34.9
55	41.3	40.2	45.3	35.4
56	42.4	40.8	46.4	35.9
57	43.5	41.4	47.4	36.4
58	44.6	41.9	48.5	36.8
59	45.7	42.5	49.6	37.3
60	46.8	43.0	50.8	37.8



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