Douglas® Straightliner™ and Straightliner™ Plus

PARTS LIST
- Assembled Straightliner Machine
- 1" Tape Guide
- 2" Tape Guide (Straightliner Only)
- 9" Pointer
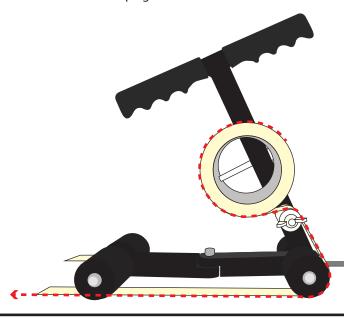- Allen Wrench (Straightliner PLUS Only)

LOADING THE TAPE AND GUIDES

STEP 1 - Determine masking tape width and the width of the line to be masked and painted.
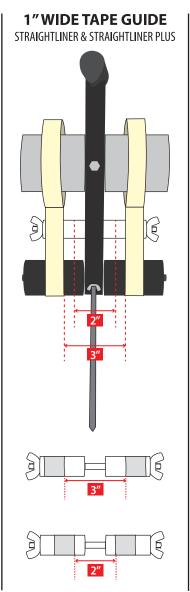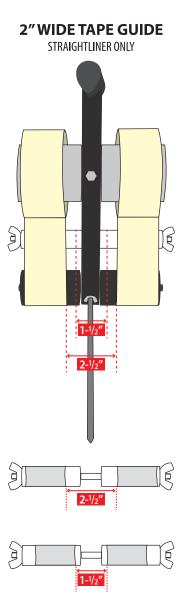
STRAIGHTLINER
1" Wide tape guide will mask straight 2" or 3" wide lines
2" Wide tape guide will mask straight 1-1/2" or 2-1/2" wide lines

STRAIGHTLINER PLUS
1" Wide tape guide will mask straight or curved 2" or 3" wide lines

STEP 2 - Attach the tape guide to the front of the Straightliner and position the guide so the desired masking width is facing up and forward. Tighten the nylon wing-nuts on the tape guides to secure in place.

STEP 3 - Secure the pointer to the front of the Straightliner frame and tighten the wing nut. The pointer is only used for masking straight lines, not circles or curves.

STEP 4 - Load the Straightliner with two masking tape spools; with the adhesive side of the tape facing up as shown below.

STEP 5 - Pull one foot of tape from the spool. Thread the tape around the tape guides and below the rollers.

1" WIDE TAPE GUIDE
STRAIGHTLINER & STRAIGHTLINER PLUS

2"
3"

3"

2"

2" WIDE TAPE GUIDE
STRAIGHTLINER ONLY

1-1/2"
2-1/2"

2-1/2"

1-1/2"

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PREPARING SURFACE GUIDELINES

STRAIGHT LINES
Mark the CENTER of the lines to be masked with a chalk line

CURVES & CIRCLES
Mark a guide for the Straightliner™ Plus using a chalk line. Add 1-3/4" to the RADIUS of the needed curve (3-1/2" to it's diameter). This chalk line will be used as a guide for the outer wheels of the Straightliner™ Plus, NOT the center of the lines to be masked.

STRAIGHTLINER PLUS

STRAIGHT LINES
Position the pointer guide or another straight edge along the side of the frame to make sure that the frame of the Straightliner Plus is straight. Use the Allen wrench to tighten the set screw on the center of the frame.

CURVES AND CIRCLES
STEP 1 - Loosen the hex set screw on the top of the Straightliner Plus frame.

STEP 2 - Adjust the taper of the frame by aligning the outer wheels of the Straightliner Plus with the inside of the chalk line.

STEP 3 - Tighten the set screw and make a dry run without tape to make sure that the wheels track the chalkline.

STEP 4 - Position the Straightliner Plus with the outer wheels inside the chalk line and the masking tape under at least the front rollers.

1-3/4"

STEP 5 - Push down on the tool and lay the masking lines along the curve. If you are masking a circle; before ending, lift and trim off roughly two feet of the beginning of the masking tape and then continue to make the complete circle.
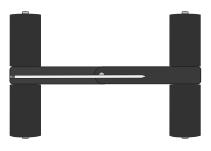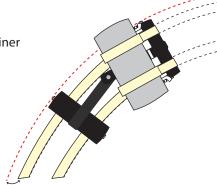
MASKING LINES

STEP 1
With the masking tape under at least the two front rollers, position the Straightliner so that the pointer is pointing for the center chalk line. To allow a good start, begin laying masking lines roughly 2 feet from the beginning of the line to be masked.

STEP 2
With both hands positioned on the hand grips, push down on the tool and simply roll the Straightliner forward to lay the tape guides. Note that shifting your body weight to the left or right will compensate for straying of the unit caused by irregular court surfaces.

BEGIN HERE

2 FEET BEFORE CHALK LINE START

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