GLYSTRO CURTAIN TRACK

CURVED TRACK TEMPLATING & TRAVERSING CAPACITY

CURVING/BENDING TEMPLATING

PRELIMINARY

For this procedure, it is assumed you have determined the approximate, installed position of the track, either from the wall as a face fix or on the ceiling as a top fix installation.
You will need several sheets of white A4 paper, masking tape, plumb line with pointed bob, marking pen, erasable pencil and eraser, tape measure and a step ladder to reach the track fixing position (if necessary).

PURPOSE

The purpose of this procedure is to create an exact, plan view of the centre line of the complete finished curtain track, on the joined, A4 sheets, which when finished, will be easily transportable ("mail-able") therefore allowing the recreation of the same track centre line at the workroom. This will then be referred to as the definitive pattern for the bending process.
It is recommended that this process be used for ALL bent or curved track installations.
History has proven this to be the only way (we and) you can guarantee to your customer that the exact shape (and therefore the installation) of the track can be right the first time. Bending or curving any track to dimensions only or to a plan (without a template) can be done but is fraught with problems and NO guarantee can be given as to the correct positioning, radius or length of the bends or curves if ordered this way.
Should a track be required that has a considerable portion of straight track and can be joined at the proximity of the bend (for example the layout as in below diagram) then we can work with a template that shows that bending detail but has the straight section abbreviated for logistical purposes. This kind of template can be sent showing the corner bend (or curve) only but with a specific mark on the template (track) stating "from this point the track is straight and ends 2,550 in that (arrow) direction, for example". This will allow us to both gain a full understanding of the expected end result **and** to include sufficient drive belt for the complete track - not just the bent portion!

LIMITATIONS

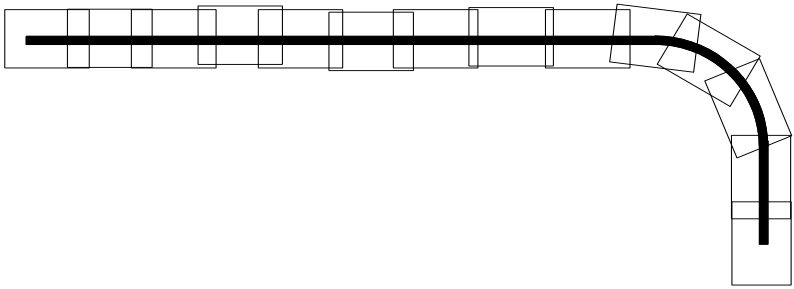
The vast majority of bends and curves are possible, including multiple bends within a track and a combination of curves and bends in the same track however, radii tighter than 300 mm are NOT possible.

Compound curves are NOT possible at all. (A compound curve is one that starts at a given radius and then changes radius within the curve).

NB. For the purposes of this procedure, a "bend" refers to a curve in the track of the minimum 300 mm radius and continuing to a given **angle** e.g. 45^0 bend or 90^0 bend, whereas a "curve" is any other different radius than the minimum and can continue to a given **length** e.g. 2,450 mm radius for 2,400 mm length.

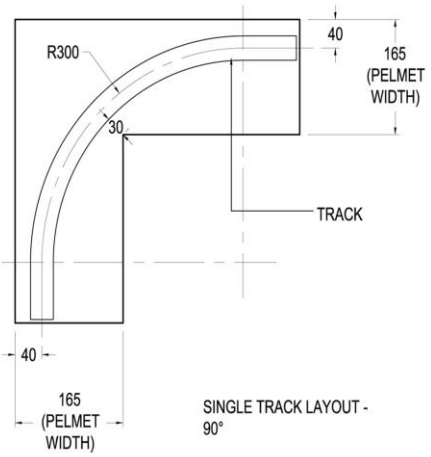
TEMPLATING PROCEDURE

1. Imagine the track is in its finished, fixed position noting dimensions out from the wall or inside the pelmet etc.
2. On the floor of the area directly under the line of the curtain track, layout the A4 sheets in a manner in which they overlap approximately 20-30 mm each, taking your approximate dimensions from the wall or using the plumb line from the ceiling to ensure the sheets follow the proposed line of the track. DO NOT MARK THE SHEETS AT THIS TIME.
3. Tape the sheets together **very securely** with 150 mm or so of masking tape to each join. To disallow any lateral movement, every 5 or so sheets, tape the edge of the sheet to the floor/carpet to prevent movement in the templating process.
4. Continue this process until the complete area under the track is covered. This will be the surface onto which you will project the centre line of the track.

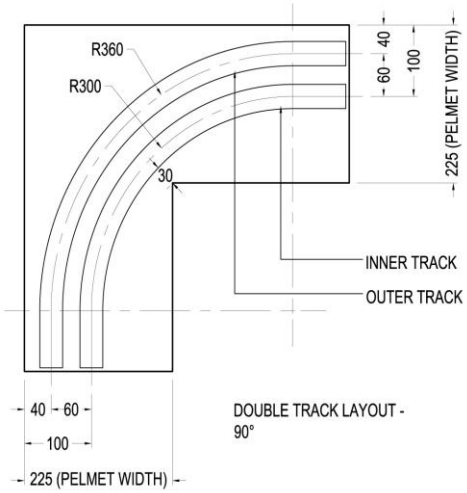


5. Using the tape measure, establish the distance out from the wall / glass / skirting board / door / architrave or other structure that is common to both the centreline of the track in its finished position, and the paper on the floor, and mark this on the paper.
6. If this is 40mm out from the wall up where the track end position will be for example (as in the standard face fixing scenario shown below) then you should measure out the same distance on the floor and mark this as the start of the track on the paper (this could be the “motor” end or, the opposite or “tail” end).
7. Once this has been started then the process is the same for the length of the track, at intervals of around 100mm along the floor, mark the distance onto the A4 sheets until you have a series of dots or marks and simply join them together to form the centre line of the track.
8. It may be possible, as an alternative, to drop a plumb line from the finished, installed track position on the ceiling (should it be a ceiling fixing position) to establish the exact centre of the track on you template sheets. Again this should be marked every 100mm or so. You may find it easiest to mark the ceiling with the erasable pencil (make sure it is erasable as some paint finishes don’t like pencil marks) prior to dropping the projected line. If the track is to be a face fix installation, try using a face fix bracket with the plum line tied to the bracket for correct distancing. If you are following these steps alone then you can mark the paper by dropping the plumb bob onto the paper when in position thereby creating a “dot” to connect when completed.
9. Check that you have the ends marked correctly and that the line is continuous and flowing as very small kinks and curves are not achievable. We will supply the track with the section ends a little longer than the finished size to allow you to trim to the exact requirements for the end boxes etc.
10. The absolute MINIMUM radius for the bending/curving of the GLYSTRO track in corners is 300 mm (as shown below).
11. Once completed and checked, with track ends, motor positions and draw directions marked, make sure again that all the sheets are well secured to each other with the tape and roll up the template. This can then be made small enough to fit into a post pack envelope or bag.

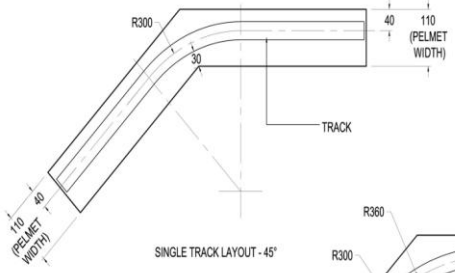
SINGLE TRACK MINIMUM RADIUS ***DUAL TRACKS MINIMUM RADIUS***



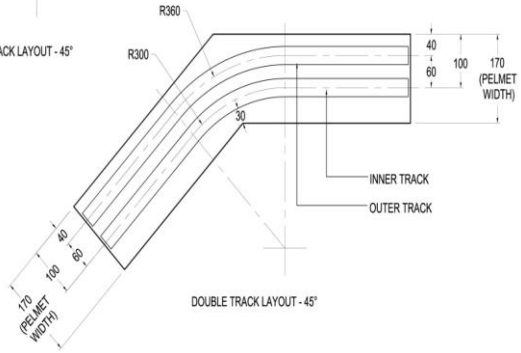
SINGLE TRACK LAYOUT - 90°



DOUBLE TRACK LAYOUT - 90°



SINGLE TRACK LAYOUT - 45°



DOUBLE TRACK LAYOUT - 45°

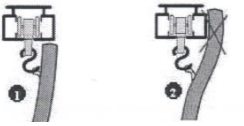
SINGLE PELMET ***DOUBLE PELMET***

Traversing Capacity

In the charts below we give the maximum weight of curtain, which can be motorized by different Glystro motors according to the different track configuration, and the length of the track

When calculating the weight of the curtain the fullness ratio of the curtain has to be taken:
Weight of the curtain = fabric weight/m² x Curtain covered area x fullness ratio

The traversing capacity is given for an installation with no extra friction created by the fabric curtain touching the rail or the track pelmet.



Glystro 50

			R300	R300	R300	R300	R 3000	R3000
4 m	60	50	45	40	35	30	26	21
8 m	55	45	40	35	30	25	21	16
12 m	50	40	35	30	25	20		

Glystro 50 Tandem

			R300	R300	R300	R300	R 3000	R3000
12 m	90	70	60	50	40	30	30	23

The Kingtrack Group Pty Ltd.