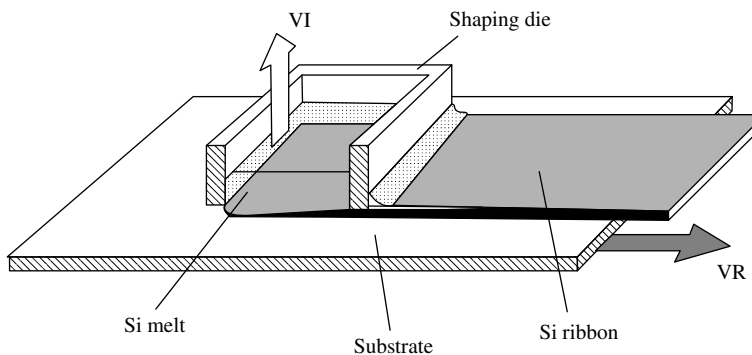


**Figure 6.24** Schematic of String Ribbon (STR) growth system



**Figure 6.25** Schematic of Ribbon Growth on a Substrate (RGS) configuration

of the foil. The thickness of the foil is controlled by the heat-removal capacity of the substrate, pull rate and surface tension. The direction of crystallisation and growth are nearly perpendicular. The area of the growth interface now can be very large compared to the foil thickness. The latent heat is extracted by conduction into the substrate. The thermal gradients near the interface are small, thus reducing thermally induced stress in