









*Fig. 1.1 Faber's talking machine, developed around 1850, could hold a conversation in normal speech. A foot-operated lever pumped the bellows at the top right. Air streaming from the bellows activated a vibrating reed whose buzz was modified by the resonances of the tubes on the operator's left side and by the lip-like opening directly above the tubes. The keyboard played by the young lady determined which resonant tubes were in use. The mask face-up on the front of the machine was included to complete the illusion.*













