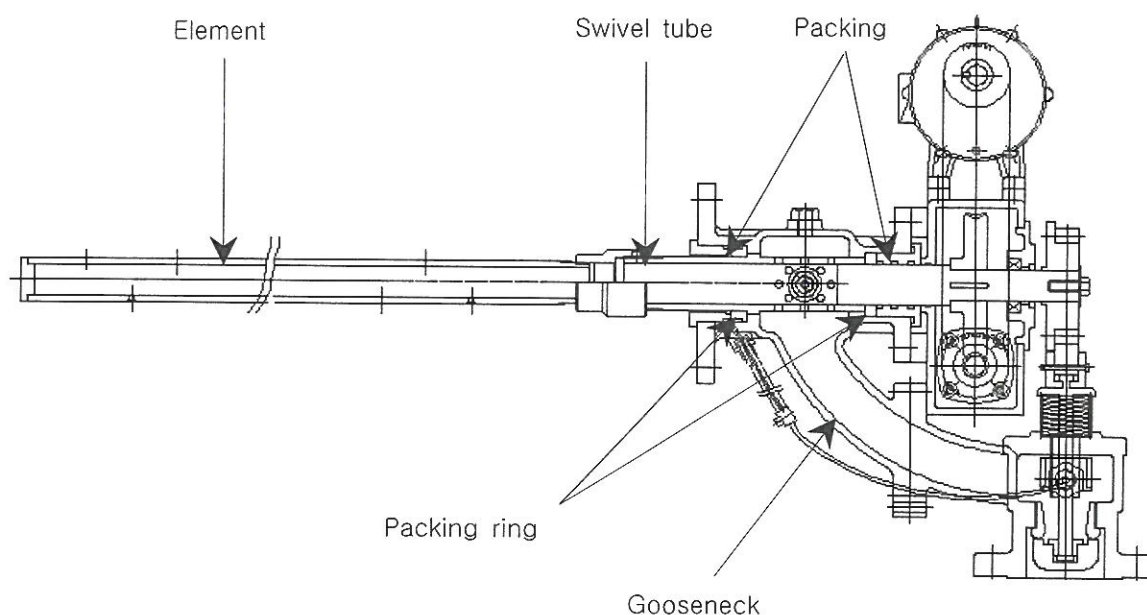
 (주)고려특수금속 Korea Special Metal Co., Ltd.	Maintenance and Management Instructions (SOOTBLOWER)	Doc. No. : KSM08-01-0715
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#### 2.4.2 Swivel tube and packing [Figure 6]

The blowing medium moves to the soot blower element passing through the gooseneck and swivel tube. The swivel tube plays the role of blowing medium supplying tube from the stationary gooseneck to the rotating element.

The packing ring in the packing chamber of the gooseneck plays the role in preventing the blowing medium from leaving out of the swivel tube. The packing ring is compressed in the packing chamber by the packing grand, whose connection has a screw to be turned for the strong fastening.



[Figure 6. Swivel tube and packing]

#### 2.4.3 Air check valve

The air check valve has the scavenging function to keep the corrosive boiler gas out of the soot blower when the soot blower is not in action. For the connection from sealing air line to the wallbox at the positive pressure installation, it is connected in pipes to the air check valve to overcome the pressure of the furnace.

When the soot blower runs, the operation of the air check valve does not allow the blowing medium from the soot blower to advance into the sealing air line.