

## Tool clamp / unclamp switches

1. Open right side ship metal cover. There are two switches on the boost cylinder, tool clamp and tool unclamp switch.
2. Push **Tool release** button, the cylinder moves down push the tool unclamp switch down and draw bar open jaw to release tool. The cylinder touches tool unclamp switch, the plc knows tool unclamp right now. If control says, “ waiting tool unclamp” that means the switch does not touch by cylinder or switch bad or the wire is broken, loosen.
3. Release **Tool release** button, the cylinder moves up push the tool clamp switch up and draw bar close jaw to hold the tool holder.

