

ST. 040
Laser marking
of the tube

ST. 030
Search, fixing and cutting
of the bobbin head.

ST. 020
Bobbin transferring from the rotary table
to the external testing station (and vice-versa), for:

- weighing
- dimensional visual checking
- color checking (spectrophotometer)
- barcode reading

ST. 010
Double positioning station
for loading and unloading
the bobbins onto the rotary table

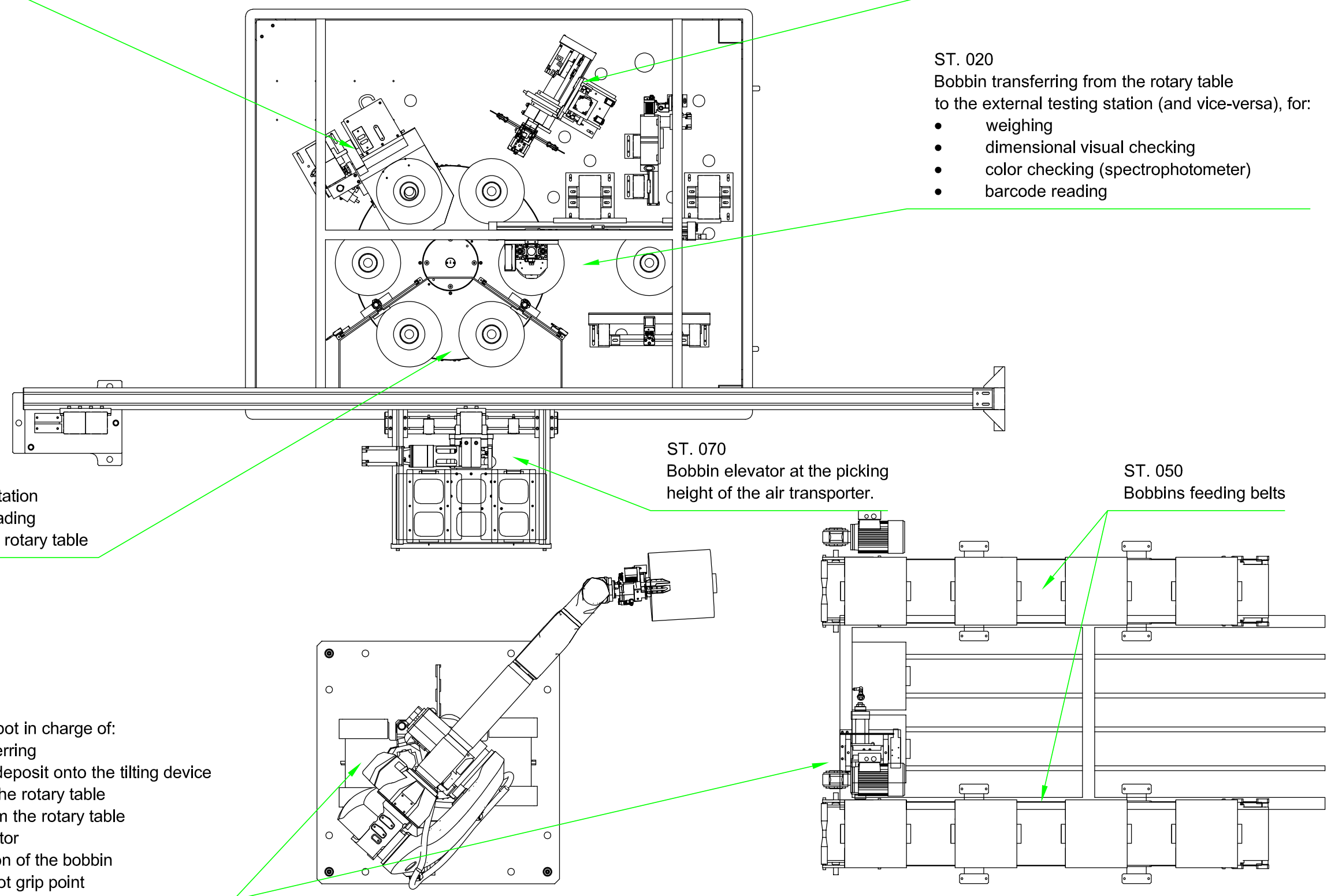
ST. 070
Bobbin elevator at the picking
height of the air transporter.

ST. 050
Bobbins feeding belts

ST. 060
Anthropomorphic robot in charge of:

- bobbin transferring
- intermediate deposit onto the tilting device
- loading onto the rotary table
- unloading from the rotary table
onto the elevator

Tilting device: rotation of the bobbin
for changing the robot grip point



ROBOTIC CELL FOR BOBBINS MANIPULATION AND ROTARY TABLE FOR BOBBINS CONTROL