shipping totes and transported in the direction of dispatch to the east at the firewall on the side of the picking gallery for discharge onto the conveyor line for the emergency okay workstation (see figure 4-60, point "1"). On this conveyor line, the faulty storage totes are transported towards the conveyor circuit in front of the 3 workstations (see figure 4-60, point "2"). In order to create buffer capacity in front of the workstations, a parallel conveyor section is provided in the feed to the conveyor circuit in front of the workstations.

The storage totes to be processed are discharged from the small conveyor circuit in front of the 3 workstations directly to the workstation, processed and then pushed back onto the conveyor circuit. The processed storage totes are then transported back to repacking via the return line (see figure 4-60, point "4") or stored in the shuttle warehouse in the picking gallery (using a joint return line with the processed shipping totes to the conveyor circuits for the storage totes and shipping totes on the western side of the picking gallery). The storage totes or shipping totes are transported to the correct conveyor circuit via the connections via ascending or descending sections between the conveyor circuits in front of the picking gallery, from where they can then reach their final destination.

An additional conveyor line is provided in the area of the Not-Okay workstations for special retrievals from the Picking Gallery or feeds from the Repacking area. There are currently 10 buffer spaces on this route.

All the conveyor elements required for this functional group and the distances between them must be designed in such a way that the conveyor functions to be performed are carried out without hindrance or disruption and a continuous material flow is ensured.

4.9.3.3. Capacity and throughput requirements

For the technical design of the various conveying components, the following throughput rates in the maximum hour must be taken into account for the functional groups for the storage totes:

- Empty storage totes to manual Repacking workstations: max. 950 storage totes / hour
- Filled storage totes from manual Repacking to Picking Gallery: max. 550 storage totes / hour
- Filled storage totes from manual Repacking to robots for palletising (assumption): max. 380 storage totes / hour
- Filled storage totes from robots to Picking Gallery: max. 380 storage totes / hour
- Throughput turntable to rotage storage tote (assumption 10%): max. 100 storage totes / hour
- Thoughput lifts for storage totes in manual repacking: max. 950 storage totes / hour
- Repacking to Not-Okay workstation (assumption 10%): max. 100 storage totes / hour

Remark: The throughput quantities presented are currently being analysed and evaluated once again, taking into account the layout, and any quantities and quantity flows to be taken into account will be made available with the other additions to this tender at the end of July.