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FOOD PROCESSING MACHINES MANUFACTURER

ROTARY INSPECTION TABLE

Inspection conveyor in the shape of the rotary table. Product (carrot, potato, onion, etc.) poured into the hopper by the elevator feeding the middle section of the wheel.
(Pictured device for the carrot inspection)

- Wheel diameter….4000-4500 ; countertop in the shape of ring made of sheet metal, width of the ring….800
- Ring devided into three sections
  - Middle, width…350 – dirty carrot, dispensing by the pallet-case elevator into the hopper. Basket placed over the channel.
  - Internal, width..250 – sliced carrot, convenient for the further processing. Discharge of the treated carrot by the scraper to the output conveyor.
  - External, width…200- the discards, the cut-offs. Discharge by the scraper into the container placed on the outside.
- Employees are standing around the ring. Each carrot must be taken into the hand, process and cast into the appropriate trough section .Carrots left on, not taken come back into place
- The power feed by the motoreductor located underneath through the rack and the chain wrapped on the pitch diameter of the ring-circle.
- Wheel speed adjusted by the inverter..

ACCUMULATION(BUFFER) ROTARY TABLE

Rotary table as a products buffer. The product e.g. in the form of small packages of fresh vegetables for the purpose of further packaging or storage in the larger containers accordingly to the table - rotates with the disc. Employees receive handmade product for further processing or packaging operations. Power feed of a rotating disc centrally underneath - by motoreductor.. Depending on the diameter of the table (pictured disc Φ 3 m, for manual packaging broccoli in trays, electric sockets on the sides to work with hand tools) resting on one leg or more central support roller or rollers along the circumference

ROLLER INSPECTION TABLE

The device is designed for the inspection-sorting of the round shaped raw material (potato, beet, onion, carrot, cucumber, etc.). Set of the rotating rollers rolling on the treadmill. The rollers associated with the chain on both sides. Gear wheels drive the chains - pulling them, and thus the rollers which roll on the lower raceway, to rotate. On the edges along the sides there is a gap for the waste. Wastes fall into the pull-out drawer (between the rolls), or to a tank under the table. The used water sprays rinse raw material and wash out the impurities from the rollers and channels for disposal. Power feed by motoreductor with the inverter for the infinitely variable speed adjustment of the tape.