

90° GTP workstation configuration

HMI

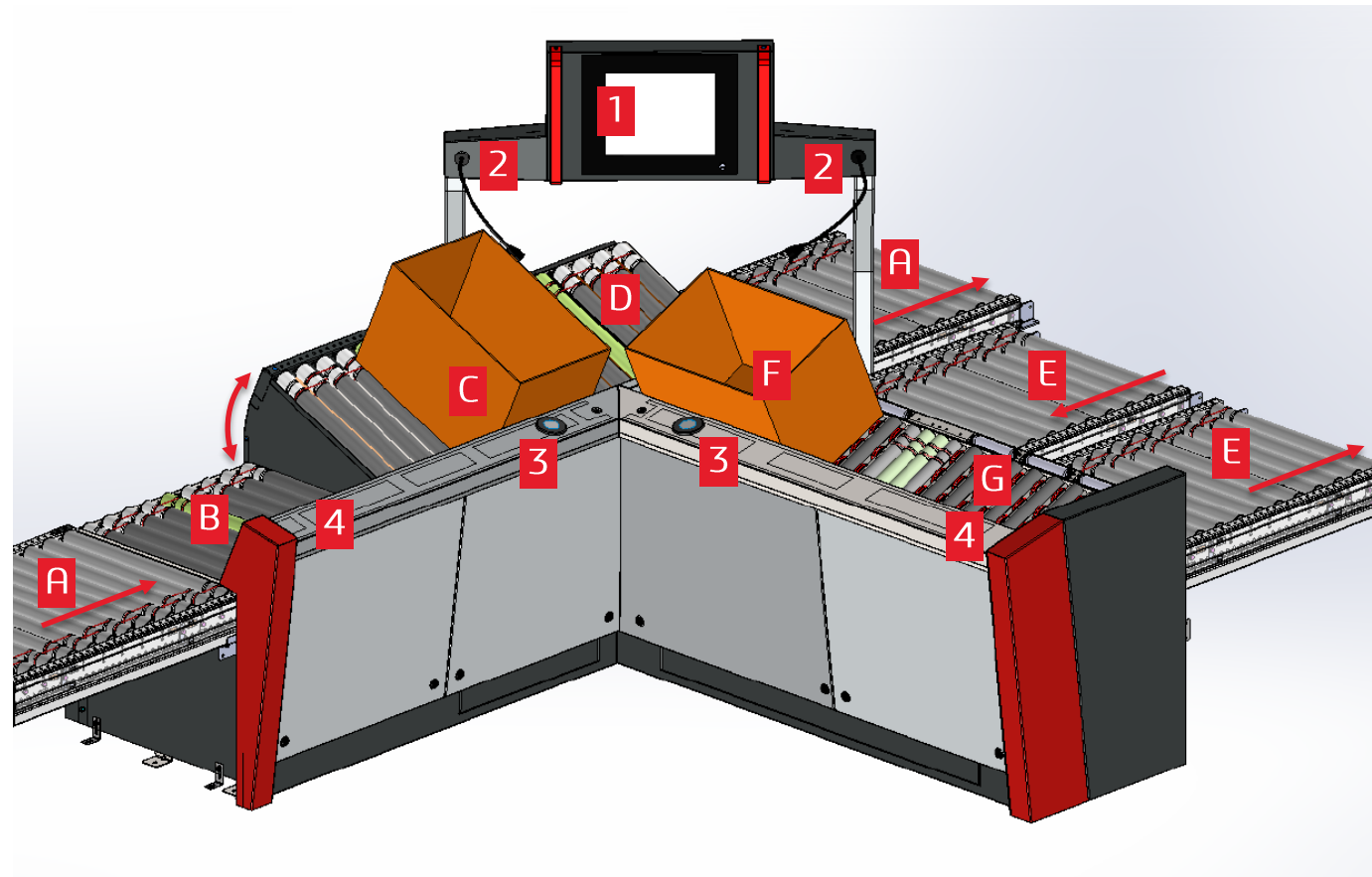
- 1 Adjustable touch screen
- 2 Flexible LED lighting
- 3 Capacitive validation buttons
- 4 Emergency Stops

Internal container

- A Internal container conveyor
- B Infeed up & down
- C Fixed picking area
- D Outfeed up & down

Commands

- E External container conveyor
- F Up & down dropping area
- G Outfeed area



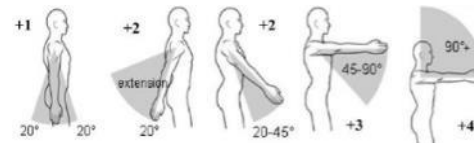
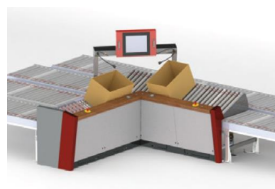




90° workstation



180° workstation



High performance workstation

_ Operator centric design

_ Strengths of 1>1 principle:

- Preparation quality
- Ergonomics maximized & mental load reduction

_ 90° & 180° versions, with several configurations depend on...

- Internal container way of conveying
- Internal container collector on the right or left

_ Available functions : unit picking, stocktaking, replenishment, exclusion, compacting, defragmentation.

Operator centric design

Load tilt

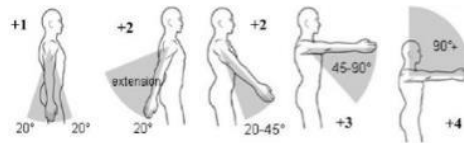
- Minimum stress on the shoulders and bust

Capacitive Buttons

- Touch Validation
- At hip height for minimal effort
- Dedicated to picking validation

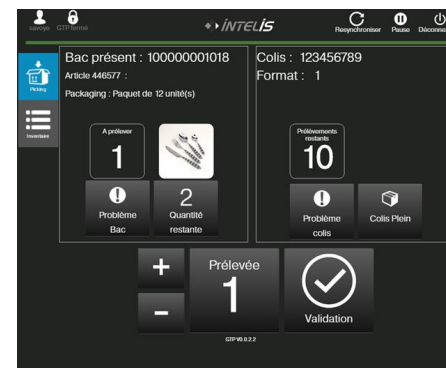
Adjustable touch screen

- Vertical and horizontal adaptation to operator size and posture
- Low-occurrence tactile input: login, anomaly, downgraded mode
- In the end a minimum of movements at shoulder height



HMI

- Limited brightness: reduced visual tiredness
- Only useful information



Multi-function workstation



Main functions

- Preparation — According to the 1 to 1 principle
- Stocktaking — Dedicated mode: SKUs
Picking mode : Empty container confirmation
- Defragmentation — Merging of 2 slotted containers
- Compacting — Merging of 2 containers or slots of a same SKU
- Exclusion — Out of the system for a whole SKU or just a part

Additional functions

- Replenishment — Replenishment on empty containers
- Completion — Replenishment on not-empty containers

Intuitive and easy to use workstation



Validation on touch buttons



Quantity to pick-up Number of line to prepare