

WAP Wave Pusher



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The WAP (Wave Pusher) is designed to divert containers standing upright from a main conveyor to an alternate conveyor. It can be used for container rejection, sorting, and selection applications. The WAP diverts round, non-round and multiple-type containers at speeds up to 350 per minute. It can be used as a standalone device or integrated with FlexInspect machines.

Features

- Tracks the conveyor for precise container deflection on variable speed lines "encoder based"
- 24 movable fingers when folded down make a curved rail for container diversion
- Deflection movement up to 120mm (4.72")
- Pneumatic air cylinder control for smooth container movement
- Mounts directly to conveyor side plates
- High speed reliable container selection or rejection
- Fits within 651mm (25.6") of linear conveyor length
- Air pressure sensor continuously monitors incoming pressure for reliable operation

Ware Range

- Height: 40mm - 440mm (1.5" - 17.3")
- Body Diameter: 40mm - 160mm (1.5" - 6.2")

Specifications

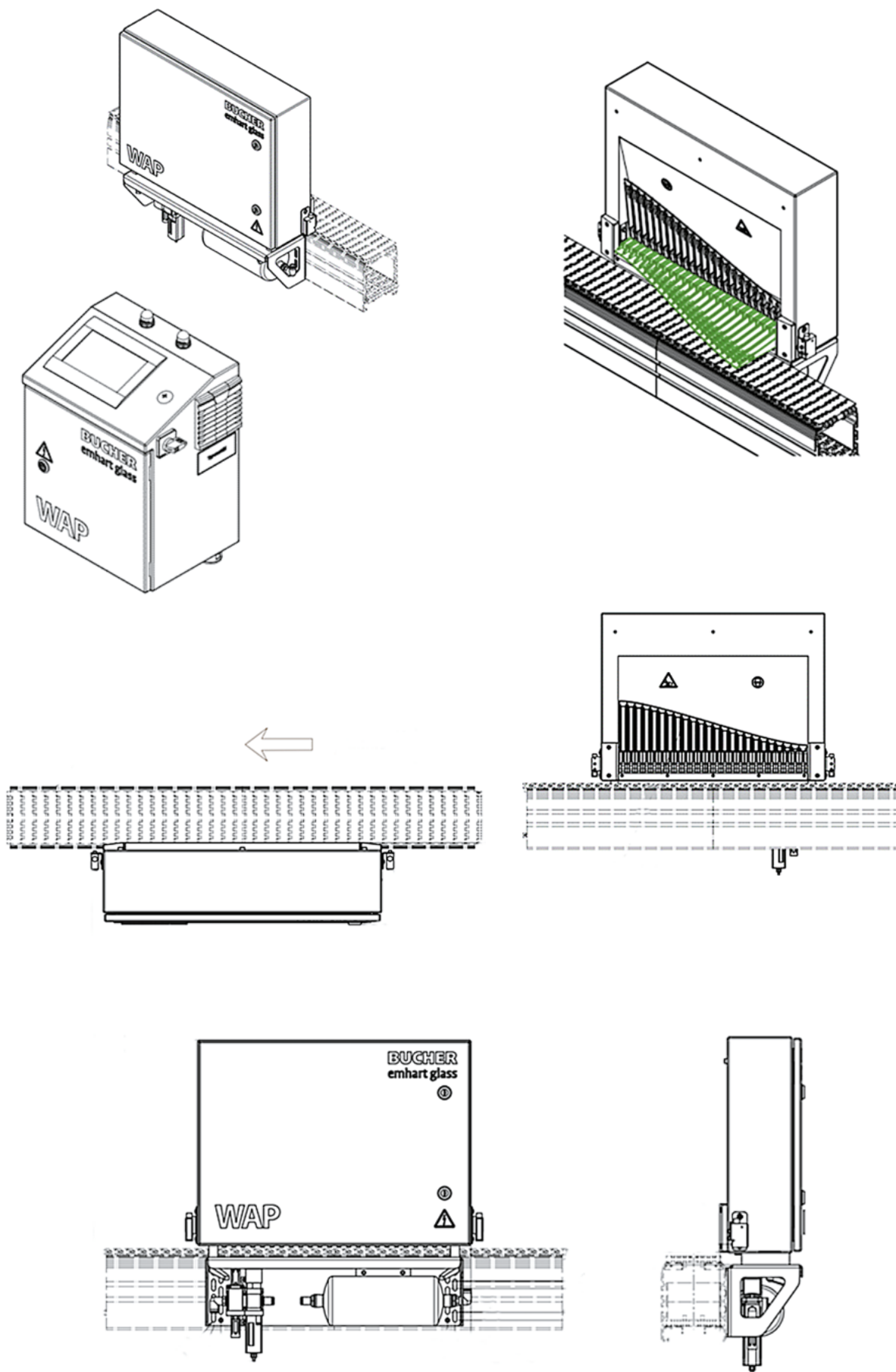
- Speed 1m/s (39.3"/s) maximum
- 350 containers per minute maximum
- Container deflection distance 120mm (4.72") "finger length"
- Dimensions L 651mm (25.6") x W 176.3mm (6.9") x H 702.6mm (27.6")
- IP 50 protection

Utility requirements

- 230VAC single phase 50/60hz Standard - *optional voltages available on request*
- Amps 16
- Air 1.5 - 2.5 bar (do not exceed 2.5 bar)

Environmental

- Temperature 5C - Max. 50°C (41 - 122°F)
- Relative humidity Max. 95% relative humidity



Conveyor shown for reference only

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