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PEWO-form UVP 2k

Function: For packaging single and multi-packs into shipment cases

The technically advanced standard equipment includes:

Basic machine model

- Cantilever design with free access to working range
- Integration of control cabinet at rear of machine
- Structure made of anodized aluminium plates
- Stainless steel control cabinet and cover plates
- Easily visible product flow on a single level
- PMMA protective covers
- GMP-compliant engineering
- Stable welded basic structure

Control system

- Schneider PacDrive 3

HMI (Human Machine Interface)

- tangius 2.0 with 15" resistive touch screen
- Graphic menu navigation for quick and selective parameter change
- Fast analysis and troubleshooting in the event of a failure
- Compliant with 21 CFR Part 11 Directive
- Compliant with requirements of Industry 4.0, e.g. intercommunicating machinery (social machine)
- Quick detection of spare parts down to screw level



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Servo technology

- Product-adapted control of all servo axes, selectable via formats at the HMI
- Reduction of mechanical stress of machine components and products (gentle product handling)

Case magazine

- Magazine integrated in machine
- Cascade system for consistent extraction rates at case extractor

Case extractor

- Erection of cases by means of servo axes
- Fixing of case blanks by means of vacuum
- Control of case blanks by means of digital vacuum switch from magazine to filling and closing units

Case transport

- Servo or frequency controlled, subject to equipment
- Via four drivers on toothed belt for optimum transfer through folding and closing unit

Vacuum generation

- Electrically powered by means of pump (Busch) or Venturi nozzles

Pneumatic system

- Oil-free operation
- Festo components
- Cylinder monitoring with malfunction display at HMI
- Hose labeling
- Manometer with red-green range indicator



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Electrical system

- Sensors in plug-in design
- Contactless door safety switches
- Individual wire numbering / cable numbering
- Protection class IP 54
- Operating hour counter
- Three-colored signal tower
- Process interlocking of safety doors

Format changeover

- Extremely operator-friendly
- Short changeover times
- Tool-less wherever technically feasible
- Reproducible without readjustment