

WINKLER+ DÜNNEBIER

WD

931



Universal Palletizer





Universal Palletizer

HELIOS 931



Our universal-palletizer W+D 931 are high performance single-station palletizer up to three-station palletizer in a modular and compact design - with customer specific solutions

Advantages

- * Individual layout of the machinery
- * Development, construction, software and assembly from one supplier
- * Complete feed technology
- * Optimum interface solutions
- * Automatic size change
- * Easy and simple operation and programming
- * High flexibility for additional functions
- * Use of all types of pallets possible
- * Solid construction, also suitable for multi shift operation
- * Fast installation at customers site
- * Service reliability based on an international service organisation

Flexible technology for high productivity



Palletizing cell

Palletizing cell with package infeed, slip sheet magazine, labeler, gripper as well as empty pallet for automatic pallet change



Slip sheet placer

Slip sheet placer with an optional adjusting and folding function (swinging version) for the use of disarrayed slip sheets



Precise positioning of disarrayed slip sheets





Slip sheet placer (linear version)



Labeling

Layout for vertical labeling with roller conveyor for outward transfer of package to quality control



Layout for vertical labeling



Pallet magazine

Pallet magazine with separation and automatic infeed of empty pallets

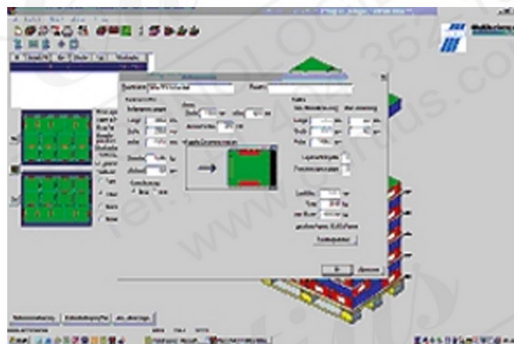


Technical Features

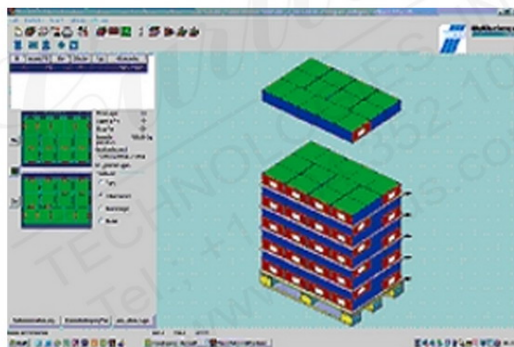
- * 4-axis one-column portal robot with telescopic axis in several executions:
 - Single-station palletizer up to three-station palletizer
 - Labeler at the feed section or in the palletizing cell
 - Arrangement of products for MultiPic-SinglePlace, rows or layers
 - Manuell or automatic pallet handling
- * Suitable for the handling of:
 - FEFCO 0201
 - Top open trays
 - Top and long side open trays
 - Bottom unglued cartons
 - Display trays
 - Strapped bundles
 - Banded bundles
 - Returnable boxes
- * Single- or multiple gripper types:
 - Suction gripper
 - Clamping gripper
 - Fork gripper
- * Additional types of grippers:
 - Row gripper
 - Layer gripper
 - Special gripper
- * 100 mm or 160 mm unwind labeller for vertical or horizontal labelling (including over corners), optionally with online label printing
- * Handling of slip sheets
 - Integrated into the gripper
 - Separate aggregate
 - Adjustment of disarrayed slip sheets
 - Folding of corrugated paper slip sheets on 2 or 4 sides
- * Packing unit outward conveying to quality control
- * Offline programming and simulation of the compact palletizer within a layer optimisation program with specification of label position and packing unit sides
- * All functional components within the palletizer cell, can also be retrofitted
- * Easy operation via touch screen display: 100 palletizing patterns prepared offline can be stored and edited if required, convertible to all common languages, information on machine status
- * Modem for telemaintenance, error analysis, updates



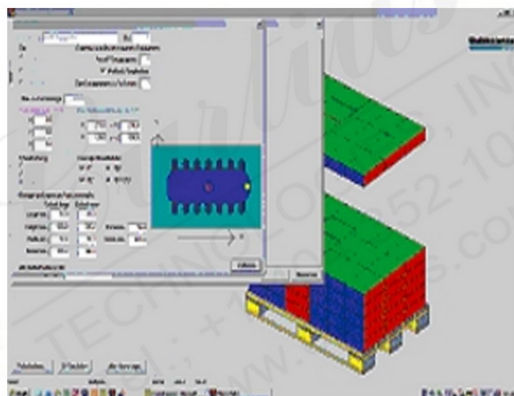
Rapid and Simple Offline Programming



Input screen of position optimization software

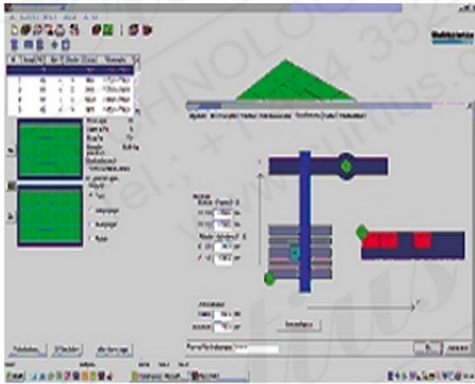


Specification of optimized palletizing pattern



Selection of gripper system MultiPic-SinglePlace





MultiPic-SinglePlace



Offline simulation of palletizing

