

## NMD - depalletisation plant



NMD 1000 P  
Al Ain AAMW Company, United Arab Emirates

### UTILISATION

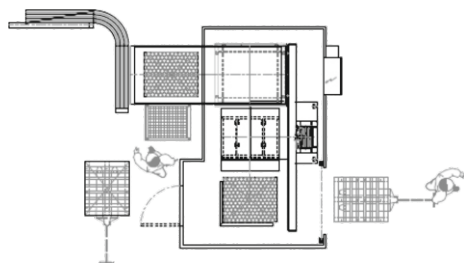
- used for depalletisation of crates, cans, bottles and KEG barrels

### THE MAIN PARTS OF THE MACHINES

- positioning frame
- folding frame
- sorting table
- bottle conveyor
- column with lift
- horizontal arm

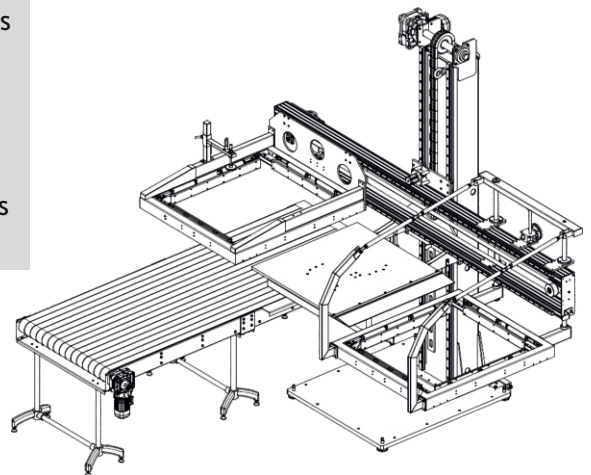
Machines of the NMD series are semi-automatic or fully automatic and are produced in standard stainless steel design with KOMAXIT finish in combination with plastic and stainless steel parts.

To the palletisation system are integrated reliable single-axis and double-axis modules of own production.



### TYPES OF DEPALLETISATION

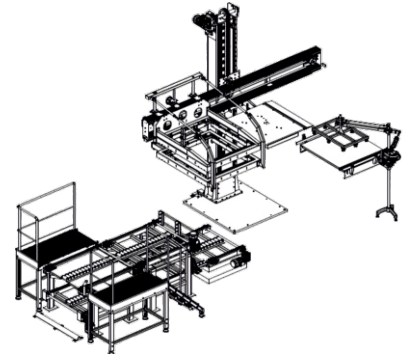
- depalletisation of new bottles
  - semi-automatic
  - automatic
- depalletisation of crates
  - automatic
- depalletisation of KEG barrels
  - automatic



## NMD - depalletisation plant

### PERFORMANCE RANGE - DEPALLETISATION OF NEW BOTTLES

Type	Performance		Type of machine
NMD 1000 P	10 000	bottles/ cans per hour	semi-automatic
NMD 1000	12 000		automatic
NMD 1500	20 000		
NMD 2000	30 000		



NMD 1000  
Perla - Browary Lubelskie S.A., Poland



### DESCRIPTION OF THE FUNCTIONS OF DEPALLETISATION OF NEW BOTTLES

- the operator leads the pallet with the bottles onto the roller conveyor, or directly under the central frame of depalletisation
- the operator removes the fixation foil and starts up the depalleting cycle on the control panel
- the folding frame automatically moves up above the pallet at the level of the last layer
- the positioning frame grips the layer of bottles and transfers it to the inter-plate
- the positioning frame releases, the inter-plate moves away from the pallet and moves up to the level of the sorting table
- the folding frame moves the layer of bottles including the tray from the inter-plate to the sorting table
- the operator manually removes the cardboard tray from the layer of bottles (semi-automatic)
- the tray handler removes the cardboard tray from the layer of bottles (automatic)
- after depalleting all layers of bottles, the operator removes the empty pallet (semi-automatic)
- the empty pallet automatically moves onto the roller conveyor from where the operator removes it (automatic)

### SELECTED REFERENCES

- Al Ain AAMW Company, United Arab Emirates  
NMD 1000 P
- Perla - Browary Lubelskie S.A., Poland  
NMD 1000
- Gambrinus Iževsk, Russia  
NMD 1000
- Pivovar Protivín, a.s., Czech Republic  
NMD 2000



NMD 1000 - Gambrinus Iževsk, Russia



NMD 2000 - Pivovar Protivín, a.s., Czech Republic