








The New Generation NG-CombiControl 930 features an exclusive control unit program integrating the control of dock equipment and industrial doors.















Due to the modular concept the New Generation (NG-) CombiControl 930 can easily be extended with various options, to increase safety at- and near the loading- and unloading station. This new generation has state of the art technology and of course fulfil the requirements for the applicable European standards.






Please refer to the product overview for details and possibilities.

Control Unit	932-001	932-010	932-015	932-018	934-010	936-002	936-010
<i>Stand-Alone</i>	Hinged Lip (basic)	Hinged Lip	Telescopic Lip	Combidoek - telescopic Lip	Dock Shelter/ Rollerblind	Industrial Door (basic)	Industrial Door
       <p>● = as standard ○ = optional</p>							
IP65 protection	●	●	●	●	●	●	●
Display indication		●	●	●	●		●
Impulse Operation		●	●	●	●	●	●
Maintenance Indicator		●	●	●	●		●
Emergency stop (mushroom)	○	○	○	○	○		○
Main Power Switch	●	●	●	●	●		○
400V version	●	●	●	●	●	●	●
230V version	●	●	●	●	●	○	○
Automatic door closing							●
Prepared for electrical wheel chock	●	●	●	●			
Prepared for vehicle detection		●	●	●			
Prepared for safety fence		●	●				
Prepared for outside traffic light		●	●	●	●		●
Prepared for inside traffic light		●	●	●			●
Prepared for Dock light 12VDC/230VAC		●	●	●			●
Prepared for Audio Alarm		●	●	●			●
Key Switch	○	○	○	○			○

Control Unit	930-010	930-015	930-018
<b>Stand-Alone</b>	Hinged Lip and Dock Shelter	Telescopic lip and Dock Shelter	Combidock - telescopic lip and Dock Shelter
<p>● = as standard ○ = optional</p>			
IP65 protection	●	●	●
Display indication	●	●	●
Impulse Operation	●	●	●
Maintenance Indicator	●	●	●
Emergency stop (mushroom)	○	○	○
Main Power Switch	●	●	●
400V version	●	●	●
230V version	●	●	●
Automatic door closing			
Prepared for electrical wheel chock	●	●	●
Prepared for vehicle detection	●	●	●
Prepared for safety fence	●	●	
Prepared for outside traffic light	●	●	●
Prepared for inside traffic light	●	●	●
Prepared for Dock light 12VDC/230VAC	●	●	●
Prepared for Audio Alarm	●	●	●
Key Switch	○	○	○

Control Unit	936-011	930-001	930-021	930-031	930-026	930-036
Type	Stand-Alone	CombiControl	CombiControl	CombiControl	CombiControl	CombiControl
(Combi) Control	Industrial Door	Industrial Door, Hinged Lip (basic)	Industrial Door, Hinged Lip	Industrial Door, Hinged Lip, Dock Shelter	Industrial Door, Telescopic Lip	Industrial Door, Telescopic Lip, Dock Shelter
Industrial Door motor	ECO drive	ECO drive	ECO drive	ECO drive	ECO drive	ECO drive
      <p>● = as standard ○ = optional</p>						
IP65 protection	●	●	●	●	●	●
Display indication			●	●	●	●
Impulse Operation	●	● (door only)	●	●	●	●
Maintenance Indicator			●	●	●	●
Emergency stop (mushroom)		○	○	○	○	○
Main Power Switch		●	●	●	○	●
400V version		●	●	●	●	●
230V version	●	●	●	●	○	●
Automatic door closing	●	●	●	●	●	●
Prepared for electrical wheel chock		●	●	●	●	●
Prepared for vehicle detection			●	●	●	●
Prepared for safety fence			●	●	●	●
Prepared for outside traffic light			●	●	●	●
Prepared for inside traffic light			●	●	●	●
Prepared for Dock light 12VDC/230VAC			●	●	●	●
Prepared for Audio Alarm			●	●	●	●

Control Unit	930-020	930-023	930-025	930-028
<b>CombiControl</b>	Industrial Door, Hinged Lip	Industrial Door (basic), Hinged Lip (basic)	Industrial Door, Telescopic Lip	Industrial Door, Combidock - telescopic Lip
<b>Industrial Door motor</b>	Standard drive	Standard drive	Standard drive	Standard drive
 = as standard  = optional				
IP65 protection	●	●	●	●
Display indication	●		●	●
Impulse Operation	●	● (door only)	●	●
Door-Leveller Security	●	●	●	●
Maintenance Indicator	●		●	●
Emergency stop (mushroom)	○		○	○
Main Power Switch	●	●	●	●
400V version	●	●	●	●
230V version	○	○	○	○
Automatic door closing	●		●	●
Prepared for electrical wheel chock	●	●	●	●
Prepared for vehicle detection	●		●	●
Prepared for safety fence	●		●	
Prepared for outside traffic light	●		●	●
Prepared for inside traffic light	●		●	●
Prepared for Dock light 12VDC/230VAC	●		●	●
Prepared for Audio Alarm	●		●	●
Key Switch	○		○	○
Vertical Orientation	●	●	●	●
Horizontal Orientation	○	○	○	○

Control Unit	930-030	930-035	930-038
<b>CombiControl</b>	Industrial Door, Hinged Lip, Dock Shelter	Industrial Door, Telescopic Lip, Dock Shelter	Industrial Door, Combidock - telescopic Lip, Dock Shelter
<b>Industrial Door motor</b>	Standard drive	Standard drive	Standard drive
 = as standard  = optional			
IP65 protection	●	●	●
Display indication	●	●	●
Impulse Operation	●	●	●
Door-Leveller Security	●	●	●
Maintenance Indicator	●	●	●
Emergency stop (mushroom)	○	○	○
Main Power Switch	●	○	○
400V version	●	●	●
230V version	○	○	○
Automatic door closing	●	●	●
Prepared for wheel chock with sensor or switch	●	●	●
Prepared for vehicle detection	●	●	●
Prepared for safety fence	●	●	
Prepared for outside traffic light	●	●	●
Prepared for inside traffic light	●	●	●
Prepared for Dock light 12VDC/230VAC	●	●	●
Prepared for Audio Alarm	●	●	●
Key Switch	○	○	○
Vertical Orientation	●	●	●
Horizontal Orientation	○	○	○



### What does this do for you:

- State of the art technology
  - Modern exclusive design
  - Flexibility in specification
  - Easy installation
  - 3 and 4-digit display
  - Soft touch push buttons
  - Clear door status indicator
  - Durable materials used
  - High Protection class
  - Modular concept
  - Less internal components
  - Pin code protection
  - Automatic Sequence Control
  - High speed processor
  - Easy programmable
  - Return on investment
  - Single action main switch  
(also to prevent unauthorized use)
  - Meets all European standards
  - Meets all quality- and safety standards, "best-of-the-best"
  - Fully prepared to connect sensors and accessories
  - Suitable for 400VAC as well as 230VAC
  - All products designed and produced in Europe
  - .... And more
- : full range
  - : tailor made control unit
  - : less installation time
  - : easy to understand
  - : easy to operate, even with gloves (coldstore)
  - : easy understandable
  - : rigid product, long lifetime
  - : less sensitive to water and dust
  - : easy to upgrade or modify
  - : improved reliability
  - : no unauthorized access to the program
  - : fixed operation protocol (safety)
  - : extremely quick and precise calculations
  - : adaptable to every specific application
  - : low cost of ownership
  - : can be locked by padlock

### Technical Specifications:

#### Stand-Alone NG-control:

Standard ..... CE-marking  
 Height ..... 310 mm  
 Width ..... 210 mm  
 Depth ..... 125 mm  
 Power supply ..... 3 N E 400V  
 Protection class ..... IP 65  
 Operating temperatures between ..... -20° and +50°C

#### NG-CombiControl

*Dock Leveller 232/233NG , Dock Shelter 403E/407 and Industrial Door 601*

Height ..... 621 mm  
 Width ..... 210 mm  
 Depth ..... 125 mm  
 Power supply ..... 3 N E 400V  
 Protection class ..... IP 65  
 Operating temperatures between ..... -20° and +50°C

### Safety provisions: what else is possible ?

Possible option connections:

- Wheel chocks with switch or sensor
  - Vehicle detection sensor
  - Drive-off safety fence
  - LED Traffic lights - outside
  - Warning Lights - inside:
  - Acoustic signal – internal
  - Dock lights - LED ( also a heavy duty LED)
  - various safety devices on the Industrial Door
- : additional safety improvement element
  - : additional safety improvement element
  - : additional safety improvement element
  - : additional safety improvement element
  - : additional safety improvement element
  - : clear error warning inside the building
  - : great visibility work zone/low energy consumption
  - : staff, goods and equipment protection

**Some explanations:****Automatic Sequence Control (A.S.C.):**

The automatic ASC may prevent damage to and secure optimal usage of the loading and unloading systems:

- ASC Dock Leveller / Industrial Door :  
The dock leveller is released as soon as the industrial door is fully opened. This way damage to the products due to incorrect operation is prevented.
- ASC Dock Shelter / Industrial Door :  
The Industrial Door can be opened as soon as the inflatable dock shelter has been activated. The use of the inflatable dock shelter is guaranteed thus preventing draught and cold air in the building.
- ASC Dock Leveller / Dock Shelter / Industrial Door:  
The Industrial Door can be opened as soon as the inflatable dock shelter has been activated. As soon as the industrial door is in a complete open position, the Dock Leveller can be activated. This way damage to the products due to incorrect use is prevented, also draught & cold air in the building.

**Combination with other loading and unloading systems:**

- Traffic lights and warning lights  
The NG-CombiControl 930 series can be provided with traffic lights in combination with a warning light in order to increase the safety within the vicinity of the dock. As soon as the loading- and unloading system is activated, the traffic light outside the building will switch from green to red (vehicle departure not allowed) and the warning light on the NG-CombiControl 930 series inside the building will switch from red to green.  
As soon as the loading and unloading has been completed and the loading / unloading system has returned to the rest position the external traffic light will switch from red to green and the warning light on the NG-CombiControl 930 series will switch from green to red (not safe to load and unload).
- Dock lights  
Dock lights increase the view on the loading and unloading station. As soon as Dock Leveller is activated or when the industrial door reaches its end position, the dock light switches on automatically
- Vehicle detection  
By using a vehicle detection sensor or a wheel chock including a sensor/switch, a vehicle can be detected in front of the loading- unloading area. Operating the dock equipment or industrial door can only be initiated after a vehicle has first been detected. This is based on the automatic sequence control protocol.
- Alarm  
The NG-CombiControl 930 series can be provided with an acoustic alarm on the front cover in combination with the vehicle detection or wheel chock with sensor or switch. Should the vehicle prematurely leave the loading- and unloading station, an acoustic alarm inside the building will be heard in order to alert all about a possible dangerous situation.

Thank you for choosing Loading Systems as your partner. Your full-line supplier for all dock equipment and industrial doors supported by a full-line of accessories and additional safety elements.

**We take care.**