

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	934-010	936-010	930-010	930-015
Stand-Alone	Hinged Lip <i>(Basic Model)</i>	Hinged Lip	Telescopic Lip	Dock Shelter/ Rollerblind	Industrial Door <i>(Standard motor)</i>	Hinged Lip and Dock Shelter	Telescopic lip and Dock Shelter
      							
<ul style="list-style-type: none"> ● = as standard ○ = optional 							
IP65 protection	●	●	●	●	●	●	●
Display indication		●	●	●	●	●	●
Impulse Operation		●	●	●	●	●	●
Maintenance Indicator		●	●	●	●	●	●
Emergency Switch	○	○	○	○	○	○	○
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 Model)	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 Switch		○	○	○	○	○
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	930-025	930-030	930-035
<i>CombiControl</i>	Industrial Door, Hinged Lip	Industrial Door, Telescopic Lip	Industrial Door, Hinged Lip, Dock Shelter	Industrial Door, Telescopic Lip, Dock Shelter
<i>Industrial Door motor</i>	Standard drive	Standard drive	Standard drive	Standard drive
				
● = as standard ○ = optional				
IP65 protection	●	●	●	●
Display indication	●	●	●	●
Impulse Operation	●	●	●	●
Door-Leveller Security	●	●	●	●
Maintenance Indicator	●	●	●	●
Emergency Switch	○	○	○	○
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 : full range
- Modern exclusive design : tailor made control unit
- Flexibility in specification : less installation time
- Easy installation : easy to understand
- 3 and 4-digit display : easy to operate, even with gloves (coldstore)
- Soft touch push buttons : easy understandable
- Clear door status indicator : rigid product, long lifetime
- Durable materials used : less sensitive to water and dust
- High Protection class : easy to upgrade or modify
- Modular concept : improved reliability
- Less internal components : no unauthorized access to the program
- Pin code protection : fixed operation protocol (safety)
- Automatic Sequence Control : extremely quick and precise calculations
- High speed processor : adaptable to every specific application
- Easy programmable : low cost of ownership
- Return on investment : can be locked by padlock
- 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

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