The family of our shiploaders/unloaders has a graphic operator interface HMI (Human Machine Interface) installed. The Siwertell standard application normally contains a type iX T10A panel from Mitsubishi.

This type of panel is also used in our automation concept when renovating an older shiploader/unloader, including our biggest ship unloaders.
Benefits

• user friendly HMI via the graphic panel well adapted for operators

• easier and logic troubleshooting via the panel

• alarm editor with logger function (Logger memory capacity can be extended)

• full graphic picture library (based on Siwertell’s long experience of HMI-applications)

Scope of supply

The graphic interface needs a PLC-system for sampling all input signals and communication. Most of the older Siwertell machinery delivered before 1990 was built without PLC-systems.

For all these machines that belong to the older Siwertell generation, the graphical HMI would be built in together with a PLC-system, when a total or partial replacement of an old relay based control system is requested from customer. All newer Siwertell machinery delivered from around 1993-94, is equipped with PLC controlled logic systems and graphical HMI.