



AGRICULTURAL HMI SOLUTIONS

CONTROLS & DISPLAYS FOR OEM FARMING EQUIPMENT

CABIN CONTROLS | MILKING SYSTEMS | PRODUCE AUTOMATION | VISUAL SAFETY MONITORS



TECHNOLOGIES

CONTROL PANEL ASSEMBLIES

We specialise in fully integrated custom control panels with multi-discipline design and manufacturing expertise to provide fully assembled and tested units. Using the latest HMI technologies, we provide a customised service, full system integration and cost reduction.

- Design and approvals support
- PCB assembly
- Integration and build
- Incorporating capacitive and membrane switch technology, slider controls, joysticks, tracker balls, rubber keypads, touch screens and displays



CAPACITIVE AND RESISTIVE TOUCH TECHNOLOGY

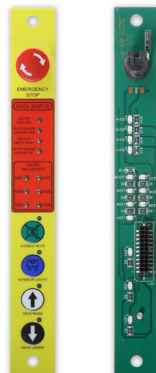
We design and integrate both Projected Capacitive and Resistive touch technologies into our customer's interface requirements.

RESISTIVE

- Established technology widely used in defence applications
- Haptic feedback
- Multiple construction methods available
- Active or passive switching
- Backlit options available including NVIS

PROJECTIVE CAPACITIVE

- Innovative technology
- Reverse bonded to robust, waterproof and vandal resistant materials, Acrylics, Polycarbonates etc. up to 6mm thicknesses
- No moving parts.
- Easy to clean
- Multi-touch and gesture control
- High quality low profile backlighting in a thin package size



MEMBRANE KEYPADS

We provide fully customised membrane keypads with or without PCB integration and control panel assemblies. We can also incorporate almost any interface technologies including capacitive glide pads, joysticks, tracker balls, touch pads, mechanical switches and touch screen solutions. Materials include Polyester (textured, gloss or chrome effect finish), PVC (textured or gloss finish), Polycarbonate (textured or gloss finish) and Stainless Steel foil (brushed, etched and printed).

- Sealing to IP65, IP67 or IP69K
- Tactile or non-tactile key response
- Dome, pillow or rim embossing
- Chemical and UV resistant overlay materials
- RFI / EMC / ESD protection
- LCD module integration
- PS/2, USB keyboard encoding

APPLICATIONS

WHAT WE DO

There is a vast array of farming equipment types employed to help farmers.

The Agricultural industry has not been left behind by modernisation with automation, monitoring and controlling many tasks to free up repetitive tasks whilst improving overall efficiency. Equipment designers are working in many different farming related subsectors and they require easy and intuitive ways to incorporate user Interfaces & Controls.

✓ **WEIGHING**

✓ **CLEANING**

✓ **CLIMATE CONTROL**

✓ **TRACTOR CONTROLS**

✓ **LOGISTICS**

✓ **CROP SEPARATION**

✓ **FOOD PROCESSING**

✓ **PACKAGING SEPARATION**

✓ **LABELLING**

✓ **MILKING MACHINES**

✓ **SOFTWARE DRIVEN INSPECTION**





WHY CHOOSE US:

- Over 30 Years' Expertise and Technology Leadership in HMI
- Design and Manufacturing
- Build to Specification Service
- Cradle to Grave Support
- UK Manufacturing
- Flexible, Agile, all Quantities Supported
- Logistics and Supply Chain Management
- AS9100D Accreditation

EUROPE

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