



# QUADRATOUCH PRO™ RETROFIT KIT



VS.



## Why Upgrade?

With the rising popularity of the Sukup QuadraTouch Pro™ dryer controls, the older style controls are becoming a thing of the past. The original Omron PLC used in keypad dryers has become obsolete from its manufacturer. Sukup does still have parts available but pricing for PLC's, processor boards and I/O boards has increased substantially.

Upgrade to the Sukup QuadraTouch Pro™ where one 24VDC control voltage replaces three separate DC control voltages used in the keypad system. QuadraTouch Pro™ is less complex, has easier troubleshooting, much improved moisture sensing and control, is more user friendly and displays more information. Your dryer will never be the same!

- Simple menu guide you through dryer functions for easy start-up and operation.
- PLC-based system is built to withstand harsh environments and has superior electrical noise protection, eliminating nuisance trips to the processor and I/O circuit boards and providing you with a dependable system.
- Windows operating system supports troubleshooting PDF's and videos along with electronic manuals and diagrams easily accessible with the touch screen.
- **S.M.A.R.T. (Simultaneous Monitoring And Reaction Technology) Loop** uses incoming (if equipped) and outgoing moisture sensors with the advanced algorithm programming to increase dryer efficiency, reduce large swings in temperature and discharge moisture, and help the dryer run more efficiently.
- Touch screen can be placed up to 200 feet away for ease of operation, connected to the dryer with just an ethernet cable or connected wirelessly (line of sight with additional equipment).
- There is no longer a printer. QuadraTouch Pro™ is equipped with historical graphs of Plenum Temperature, Grain Moisture, Metering Roll Speed, and Modulating Valve Position.



- Electronic Modulating Valve and Plenum RTD provide precise temperature control
- Variable Frequency Drive (VFD) and AC motor for precise metering roll control
- Modular moisture sensor for reliable moisture control
- **OPTIONAL** GSM Phone Modem works with QuadraTouch Pro™ controls and operates through GSM cell phone service. If the dryer shuts down, the GSM service sends a text message to a predetermined cell phone number, noting what the fault was. You can also text message the dryer and it will reply with current status, moisture, unload speed and temperature. Desired moisture content, plenum temperature and manual unload speed can also be adjusted from your cell phone.
- **OPTIONAL** app available for iPhone or Android allows you to monitor and control your Sukup Dryer from a smart phone, tablet or PC.



# What All Does It Include?



## THE MAIN KIT

- New cabinet with new PLC, 24v Power Supply, 24v relays and pre-wired terminal strip.
- QuadraTouch Pro™ Box
- Variable Frequency Drive (with starter protector) and AC Motor for Metering Rolls
- New Moisture Sensor and Cable
- New Proximity Switches for Metering Rolls and Unload Auger
- Dryer Manual

## OPTIONAL EQUIPMENT

AS NEEDED DEPENDING ON DRYER BEING UPDATED



**A.** Ethernet Cable  
- 50', 100', 150',  
and 200' lengths  
available



**C.** Electronic Mod Valve  
components and wiring  
(no more hanging on a ladder to adjust  
drying temperature!)



**D.** Plenum RTD  
(temperature sensors)



**B.** Unload Auger  
Proximity Switch  
Mount Kit



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