



## WASHPAC Wash Process Automation Controller

**“The Control Freaks”**

Exceptional solutions built from everyday experiences.



# The best just got better!

## Better technology

- Siemens S7-1500 PLC
- 500 Functions
- Up to 256 Outputs
- Programmable Inputs
- Built in Analog Inputs
- Map Functions to Outputs
  - Each Relay/Function can control multiple Outputs
  - Single relay can control wrap retract, mirror, hitch, etc.
- Map Inputs – no limit on Stop Inputs, Low level alerts, etc.
- New Output Boards
  - Hand Off Auto switches on each relay
  - Robust 8amp, 30 million cycle relays
  - DPDT Relays
  - Fuse protection on both sets of contacts
  - Built in fuse tester
  - Easiest field wiring
- New Input Boards
  - 24vdc at each input
- Enhanced Open Bed Detection
  - OBD built into PLC code
  - Off Point now rear of vehicle, not distance
- UL Listed and CE Mark

## Better Control

- No Tire Switch detected alerting
- Enhanced Roller Counter and & detect control
  - Better flexibility to use either detect, or count
- Force Outputs based on Input Status
  - Shut off Conveyor Output if Low Air Input received
- Enhanced Send Car functionality
  - Better control of Entrance signage

## Better Problem Solving

- Simulate Enter Signal multiple ways
- "Do it now" Function and Output groups
  - Prep Gun Timer, retract now etc.
- "Oh No I Forgot!" Function and Output Groups
  - Adds Output to package even after vehicle is in enter switch
- Simulate Enter, multiple ways
  - From Package Send, Roller up, Push Button
- Simulate Tire Switch

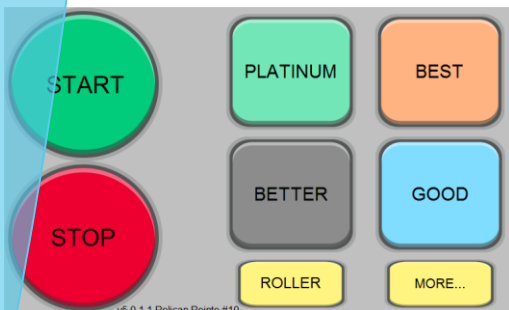
**And more to come...**



New output boards



New input board



Rugged tunnel touch screen



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