



# Type 8545-1010

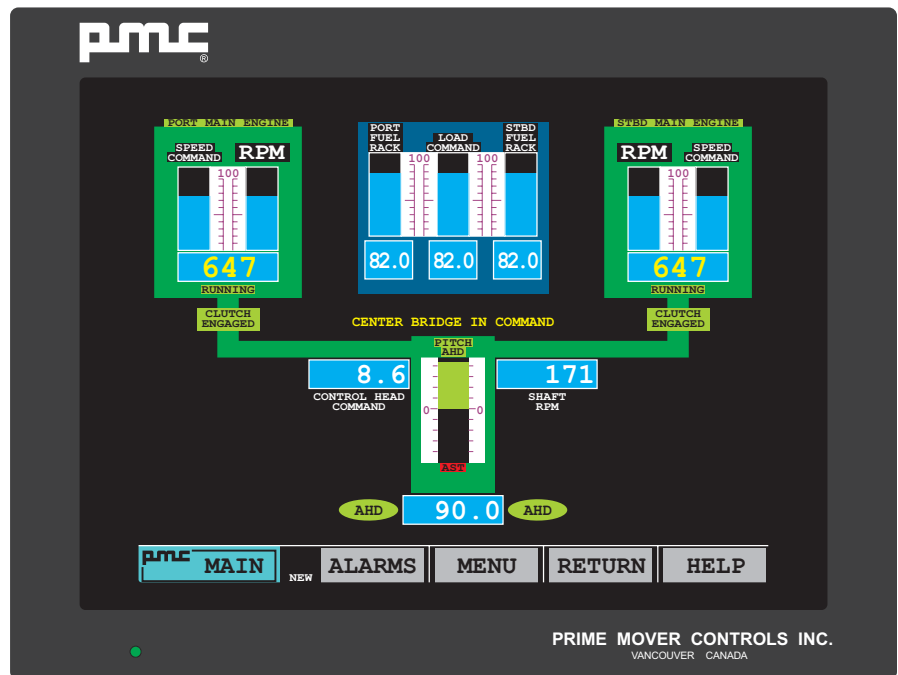
The PMC Type 8545-1010 touchscreen operator interface is a practical and cost effective replacement for a variety of discrete devices, from push buttons and pilot lights to message centers. Free form static and dynamic graphics can be added to present an information-rich picture to the operator in a single glance. Each unit is designed to communicate with PMC's D-MaC and Z-MaC control systems.

## FEATURES

- PMC configured software enables panels to be revised or adapted easily.
- Intuitive touchscreen display has the look and feel of push buttons and selector switches.
- Capabilities include machine setup, diagnostic and maintenance displays and alarm status displays.
- NEMA 12/4 and IP65 rated. An optional NEMA 4X stainless steel bezel is available.
- Flash EPROM provides nonvolatile storage for both user and operational programs, thus eliminating batteries.

## TOUCHSCREEN OPERATOR INTERFACE

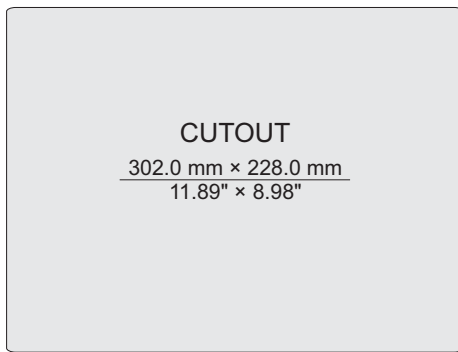
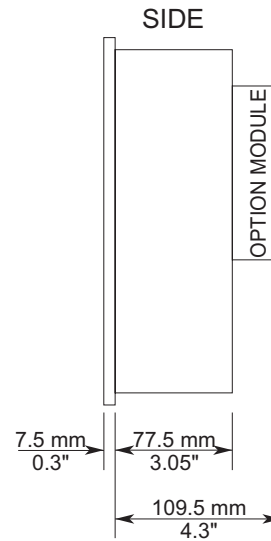
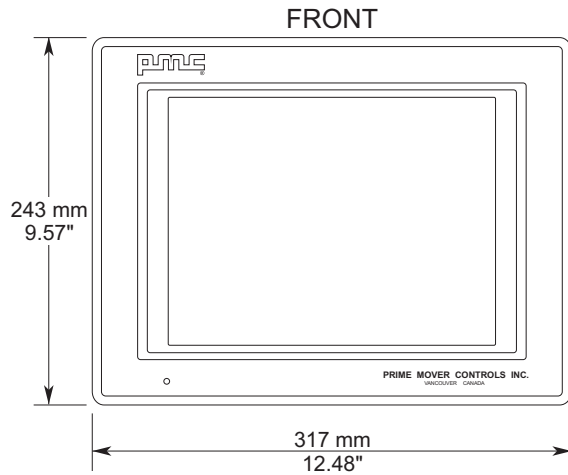
# 10.5" COLOR TFT LCD



SAMPLE DISPLAY SCREEN SHOWN ABOVE

**PRIME MOVER CONTROLS INC.**

## DIMENSIONS FOR 8545-1010 TOUCHSCREEN OPERATOR INTERFACE



### NOTES:

- All dimensions are in mm unless otherwise noted.
- Maximum installation angle 30° from vertical.
- Minimum clearance from back and sides 100 mm (4").
- Panel thickness 1.6 mm-10 mm (0.063"-0.394").

SCALE 1 : 5

Panel clamps are included with each unit.

### SPECIFICATIONS:

#### Supply 24 VDC:

- Nominal 24 V<sub>DC</sub>, range 19 to 32 V<sub>DC</sub>
- Power consumption, 50 W
- 2.0 A nominal
- Power failure immunity, 20 ms max
- Withstand voltage, 1500 V<sub>AC</sub> (20 mA max, 1 min)
- Insulation, 10 M @ 500 V<sub>DC</sub>
- Noise immunity, 1200 V(p-p) 1 s pulse

#### Environmental:

- Operating temperature 0 to +50°C
- Storage temperature -10 to +60°C
- Operating humidity 30 to 90% RH non-condensing
- Storage humidity 5 to 90% RH non-condensing
- Vibration: 10 to 25 Hz, 2 g on each of X, Y, Z 30 min

#### Physical:

- NEMA 12/4 and IP65
- Dimensions 317 mm W × 243 mm H × 77.5 mm D (12.48" W × 9.57" H × 3.05" D)
- Weight 3.18 kg (7 lbs)
- Cooling system, natural air convection
- Installation, front mount
- Terminals for 14 to 18 AWG solid or stranded

copper conductors

#### Display:

- Type, TFT LCD
- Screen resolution, 640 W x 480 H
- Touch panel resolution, 31 W x 19 H
- Colors, 8 solid + 8 flash
- Viewing area, 193.68 W x 146.05 H (7.625" W x 5.75" H)
- 10.5" diagonal

#### External Interface:

- Serial Port (SIO)
- Download Port

## PRIME MOVER CONTROLS INC.

3600 GILMORE WAY, BURNABY B.C. CANADA V5G 4R8  
TEL (604) 433-4644 FAX (604) 433-5570 www.pmc-controls.com