GEFRAN

eGT-I
OPERATOR PANEL

eGT-I 104-43

Applications:

- Plastic, injection machines

Main characteristics:

- designed for plastic/rubber injection machines
- 10.4" color display with resistive touch screen for machines
- integrated keyboard for manual movements and settings machine
- front panel USB 2.0 port for easy data transfer
- IP54 front panel protection degree
- provision for electromechanical buttons
- removable labels for customization (9 buttons)
- label logo.

Code	F058480
Model number	eGT-I 104-43
Brief description	Operator interface with LCD 10.4 "resistive touch screen, keyboard machines for injection

PROFILE

The eGT-I Operator Panel is designed for plastic/rubber injection machines, and displays and sets process and configuration data.
The operator uses a 10.4" color touch screen with 43 keys (34 preset and 9 programmable).
The preset keys give the operator direct access to the most common functions, such as setting machine mode (manual, automatic, etc.), mould opening/closing, etc.
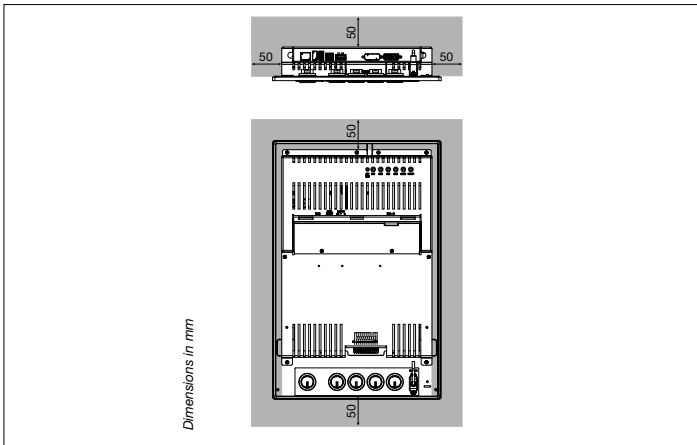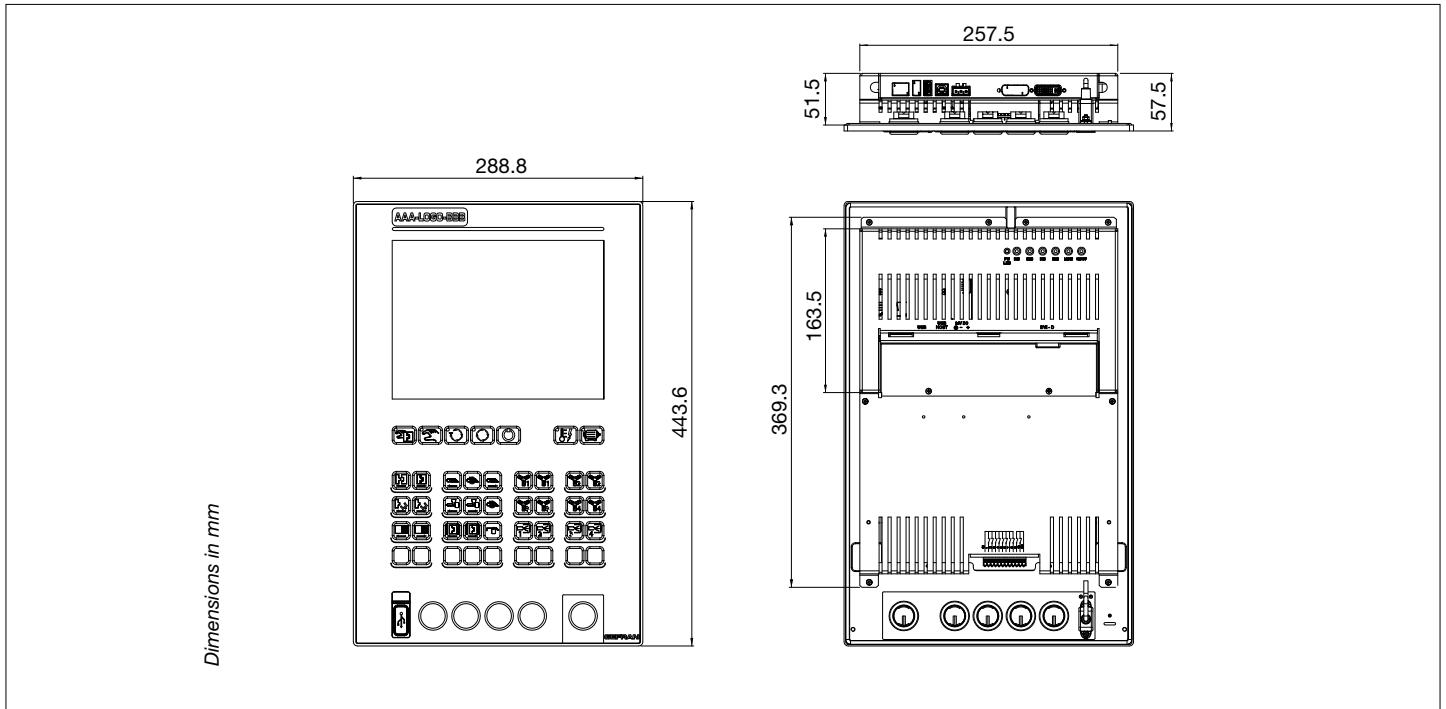The front panel has a USB 2.0 port for connection with data import/export functions via USB key.
The Operator Panel is connected to the Controller with a DVI-D cable and a USB cable

TECHNICAL DATA

POWER SUPPLY	Operating voltage	24 VDC ±25%
	Current draw (at 24 VDC)	800 mA max
	Power dissipation	19 W max
	Protections	Polarity inversion Short circuit
	Connection	3-pin polarized removable connector Screw terminals, max cable section 2.5 mm²
PROVISIONS		5 holes on front panel, Ø 22 mm, suitable for electromechanical buttons or switches. Yellow serigraphy for emergency button
CONNECTIONS	Video port (Controller connection)	Connector: standard DVI-D Max cable length: 5 m
	HOST USB port (Controller connection)	Connector: type B Max cable length: 5 m
	USB port	Number: 2 (1 front with protection, 1 rear) Connector: type A Standard: USB 2.0 Max cable length: 1.8 m
DISPLAY	Type	TFT with touch screen
	Size (diagonal)	10,4"
	Pixel resolution	800 × 600
	Screen area (L x H)	211,2 × 158,4 mm
	Colors	262.144
	Luminosity	230 cd/m²
	Contrast	500:1
	Backlighting	White LEDs life 30.000 hours @ 25 °C
	Visual angle	Horizontal: 80° Vertical: 60°-70°
INPUTS	Number	10
	Type	Voltage-free contact
	Use	Combined with electromechanical buttons or switches
CONFIGURATION ELEMENTS	Video	6 video control buttons (OSD menu) located on rear
	Touch screen calibration	Via SW in control system (ePCLogic400)
CONTROL ELEMENTS	Touch screen	4-wire resistive technology
	Keys	34 preset (6 with signal LEDs) 9 programmable
AMBIENT CONDITIONS	Operating temperature	0 ... +55 °C (as per IEC 68-2-14)
	Storage temperature	-20 ... +70 °C (as per IEC 68-2-14)
	Relative humidity	max 95% RH non-condensing (as per IEC 68-2-3)
	Vibrations	5 to 9 Hz: sine constant 3.5 mm 10 to 150 Hz: sine acceleration 1G
ASSEMBLY		Built-in, in control boards or panels
PROTECTION LEVEL		IP54 on front panel (as per IEC 68-2-3)
WEIGHT		2.4 kg
CE STANDARDS	EMC (electromagnetic compatibility)	Conforms to Directive 2004/108/CE EMC Emission: EN 61000-6-4 EMC Immunity: EN 61131-2, EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6, EN 61000-4-8, EN 61000-4-11
	LV (low voltage)	Conforms to Directive 2006/95/CE Safety LVD: EN 61010-1

257.5

51.5

57.5

288.8

443.6

163.5

369.3

Dimensions in mm

50

50

50

50

50

⚠️ **Warning**: the temperature in the compartment containing the Operator Interface must never exceed 55°C.

The open spaces shown in gray are recommended with static ventilation.
These spaces may be reduced with forced ventilation.

Dimensions in mm

ORDER CODES

Code	Model Number	Description
F058480	eGT-I 104-43	Operator Panel to display and set data for plastic injection machines. 10.4" display with touch screen. Specific keyboard for machine functions with dedicated icons (43 keys, of which 6 complete with status LED). 9 keys are freely configurable with removable labels

ACCESSORIES

Code	Model Number	Description
F057776	KIT_INSTA	Installation kit (fastening blocks + ferrite + power supply connector)
F057674	CAV_DVI18	1.8 meter DVI-D cable
F057675	CAV_DVI50	5 m meter DVI-D cable
F057676	CAV_USB_AB18	1.8 meter USB 2.0 cable, type A - type B connectors
F057677	CAV_USB_AB50	5 meter USB 2.0 cable, type A - type B connectors
F057678	SET_LES01	Set of blank labels (one strip of 4 labels, one strip of 5 labels, one strip for logo)
F057679	USB_PEN1G	USB 1GB key