

Eleven devices from the b maXX HMI series are available to the user for machine operation and visualization, from a targeted terminal to the TFT touch panel.

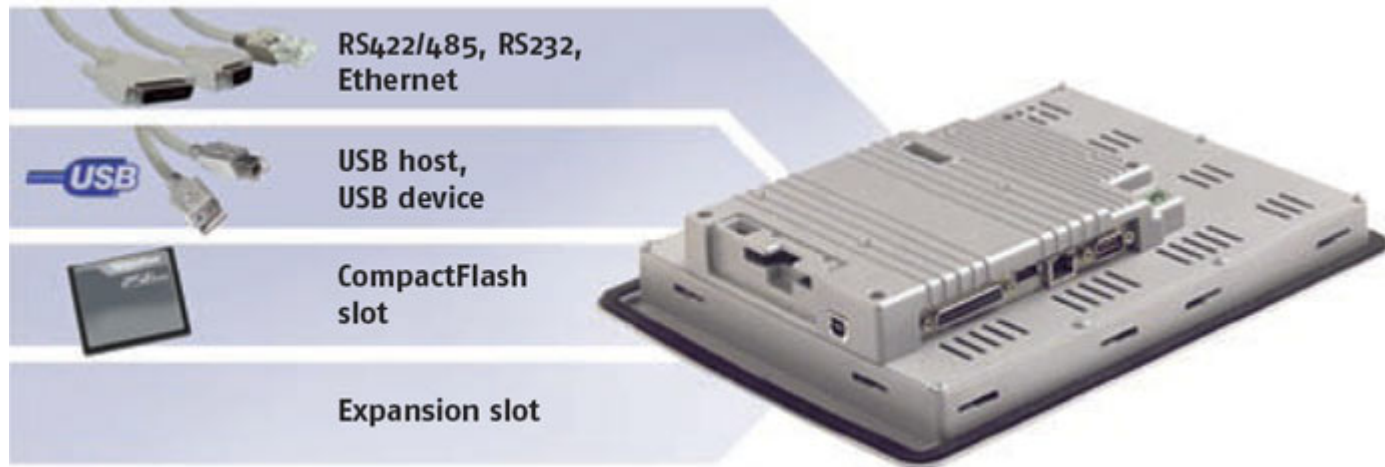
The b maXX HMI series was conceived for the special requirements of automation. From graphically-oriented terminals, such as the b maXX HMI 35 to the b maXX HMI 155T, a touch TFT, the Baumüller HMI series completely covers the requirements of operating equipment and visualization. The user-friendly and intelligently designed operating and visualization tools enable the machine to be adapted to any production process.

b maXX HMI operating terminals



Baumüller has combined user-oriented operating convenience with a uniform and clear programming tool in the space-saving HMIs. The comprehensive spectrum of b maXX HMIs extends from the graphics and text terminals b maXX HMI 65K to 105K to the touch terminals b maXX HMI 45T to 155T.

The functionality of the b maXX HMIs includes the option of remote maintenance via a LAN/WAN connection, alarm management and language selection and the associated translation function.



Web functions

Intranet and internet connection

terminal network via TCP/IP
gateway function

Web server

storage of HTML pages in terminal memory
HTML scripts for access to controller data
Java applet for terminal operation

User-friendly and intelligent design

Data transfer

transmit/receive data via TCP/IP

Email using SMTP

send e-Mails from terminal

The terminals programmed in Windows feature a comprehensive symbol directory constructed using the “what you see is what you get” principle and contain static and dynamic graphics, full windows support, Unicode and many other functions.

Thanks to the block construction and intuitive guidance, the user can orient him- or herself in the programming structure very quickly. In addition to the option of changing objects in the presentations, the user can also define and use self-generated symbols in the individual projects.

Your benefit

- Full Windows support
- Object-selection window
- Display of several projects simultaneously
- Configuration of the peripherals
- Internal name list
- Six selectable menu languages
- Multilanguage improvements

Technical overview HMI



Standard functions:

- alarm management
- recipe management
- trends
- message libraries
- timers
- printouts
- eight password levels
- web functions





| | b maxx HMI 35K | b maXX HMI 65K |
|-------------------------------|-----------------------|-----------------------|
| Display type | Monochrome FSTN | 64k color STN |
| Display format | 240 x 64 Pixel | 320 x 240 Pixel |
| Display dimensions W x H [mm] | 127,0 x 33,8 | 115,2 x 86,4 |
| LED´s | 16 | 16 |
| Function keys/LED´s | 8 | 16 |
| Background light | CCFL with Dimmer | CCFL with Dimmer |



| | b maXX HMI 75K | b maxx HMI 105 K |
|-------------------------------|-----------------------|-------------------------|
| Display type | 64k color STN | 64k color STN |
| Display format | 640 x 480 Pixel | 800 x 600 Pixel |
| Display dimensions W x H [mm] | 131,5 x 98,6 | 211,2 x 158,4 |
| LED´s | 16 | 16 |
| Function keys/LED´s | 16 | 16 |
| Background light | CCFL with Dimmer | CCFL with Dimmer |
| Processor | 312 MHz RISC CPU | 312 MHz RISC CPU |



| | b maxx HMI 45T | b maXX HMI 45Tm | b maXX HMI 65T | b maXX HMI 65 Tm |
|--------------|-----------------------|------------------------|-----------------------|-------------------------|
| Display type | 64k color STN | 16 grayscaleSTN | 64k color STN | 16 grayscale STN |

| | | | | |
|-------------------------------|------------------|------------------|-----------------|------------------|
| Display format | 320 x 240 Pixel | 320 x 240 Pixel | 320 x 240 Pixel | 320 x 240 Pixel |
| Display dimensions W x H [mm] | 70,1 x 52,6> | 70,1 x 52,6 | 115,2 x 86,4 | 115,2 x 86,4 |
| LED´s | - | - | - | - |
| Function keys/LED´s | Touchpanel | Touchpanel | Touchpanel | Touchpanel |
| Background light | CCFL with Dimmer | CCFL with Dimmer | CCFL withDimmer | CCFL with Dimmer |
| Processor | 312 MHz RISC CPU | | | |



| | b maXX HMI 75T | b maXX HMI 105T | b maXX HMI 155T |
|-------------------------------|-----------------------|------------------------|------------------------|
| Display type | 64k color TFT | 64k color TFT | 64k color TFT |
| Display format | 640 x 480 Pixel | 800 x 600 Pixel | 800 x 600 Pixel |
| Display dimensions W x H [mm] | 131,5 x 98,6 | 211,2 x 158,4 | 304,1 x 228,1 |
| LED´s | - | - | - |

| | | | |
|---------------------|------------------|-----------------|-----------------|
| Function keys/LED's | Touchpanel | Touchpanel | Touchpanel |
| Background light | CCFL mit Dimmer | CCFL mit Dimmer | CCFL mit Dimmer |
| Processor | 416 MHZ RISC CPU | | |

Communication interfaces: USB, RS485/422, RS323C; Ethernet interface: RJ45, 10/100 MBit;

Flash memory: 32 MB; Application memory: 12 MB; Main memory: 64 MB,

Front protection class: IP 66

Functions: Transparent mode, Push through mode, Web functions (FTP, e-Mail, web server), Multi-language,

Unicode support, Recipe management, Alarm management, Real-time trends, Report printouts, Password protection