

Machine Terminal 2480



The intelligent Machine Terminal 2480: BDE 2400 Product Group

The Machine Terminal 2480, part of the BDE 2400 Product Group, is an intelligent Terminal for use in machine monitoring, job booking, quality and DNC applications. Production data is automatically collected, processed and printed onto data sheets. Terminals can also be networked to a host PC system.

It provides information for:

- Real time production control
- Production planning and control systems
- Downtime analysis
- Quality control
- Company accounting
- Personnel management
- Maintenance

The Machine Terminal 2480 can be operated either as a self-contained unit or by online connection to a computer. It possesses an extensive and flexible parametrised application program and is simple to operate.

Via appropriate contacts (sensor/transmitter or controller) the terminal automatically collects three individual production quantities, production times, and stoppage reasons / times from the machine.

Job and tool data, material and process data, personnel identification and up to 20 reasons for machine stoppages are input via menu-control on the keyboard and / or reader peripherals (bar coding etc.).

Set-up processes are collected via the automatic-off function, differentiated by costing types. The automatic-off quantity is displayed separately and printed out.

Additional production conditions can be documented parallel to production or stoppage reasons (maintenance etc.).

Information regarding order progress and current operating process is continuously visible on the display.

Terminal Parameter:

- Calculation of machine utilisation
- Variable display programming
- Type of production time collection
- Collection and handling of quantities
- 10 or up to 20 stoppage reasons
- Manual and electrical triggering of stoppage reasons
- Relay output signals for alarms
- Automatic collection of set-ups
- Registering time unit and period for data sheet printing
- Collection with quantity multiplier
- Target quantity
- Display of cycle time or speed
- Intermediate / weekly printout



- 1 Flap of feed-in chute
- 2 Window for production data sheet
- 3 Red and yellow lamps indicating machine condition
- 4 Display
- 5 Function keys for input of order and reference numbers, correction and confirmation of input, and for display and end of operation
- 6 Keyboard for input of stoppage reasons and allocation data
- 7 Key switch

Clarity in Production

Clarity in Production

By pressing the „Display“ key, additional information can be obtained, for example:

- Produced quantities
- Production times
- Utilisation ratio
- Timer periods or speeds
- Stoppage times
- Set-up quantities
- Quantity multiplier

The entire production process is printed analogous and on a correct time scale onto a production data sheet in an easy to understand method.

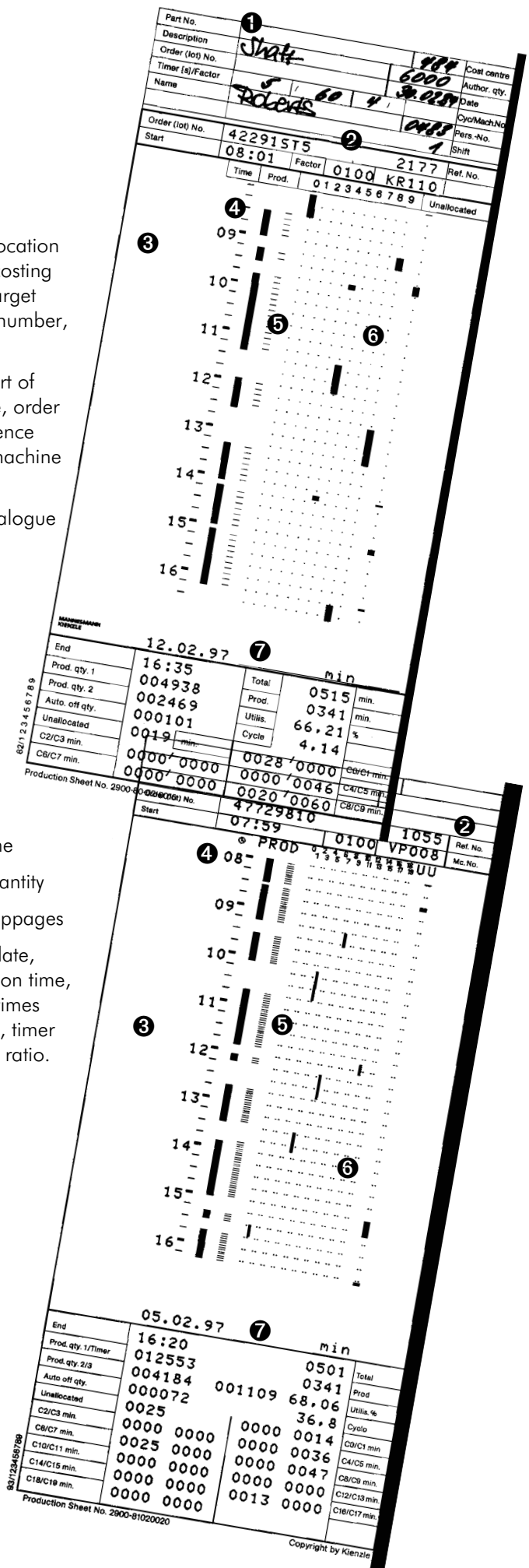
Accumulated time and quantity data is printed onto the production data sheet by the integrated terminal printer in form of shift logs, and daily and weekly logs. The operator ist thus provided with meaningful proof of machine utilisation.

Red and yellow lamps indicate the current machine status.

The Machine Terminal 2480 automatically reports every data input of change in status to the appropriate host computer. Current data from the Machine Terminal can be requested from the computer at all times. In addition, data from the computer can be loaded, stored and displayed in the Machine Terminal.

- 1 Section for allocation data such as costing department, target quantity, shift number, name, etc.
- 2 Header for start of collection time, order number, reference number and machine number.
- 3 Section for analogue data.

- 4 Production time
- 5 Production quantity
- 6 Section for stoppages
- 7 Footlines for date, end of operation time, accumulated times and quantities, timer and utilisation ratio.



Important data at a glance

Technical Information

- | | |
|--------------------|--|
| Casing | <ul style="list-style-type: none">- impact-resistant composite casing- can be wall-mounted- integrated alpha-numerical printer- key switches- ambient temperature 0°C - 45°C- size: L 395 x W 333 x D 116 mm |
| Keyboard | <ul style="list-style-type: none">- keyboard with switchable alpha / numerical keys- 19 defined input and function keys- key strips 0 - 9- exchangeable key name strips |
| Display | <ul style="list-style-type: none">- backlit LC display- 4 x 20 characters, 8 mm high- contrast adjustable- 2 lamps (red and yellow) |
| Electronics | <ul style="list-style-type: none">- microprocessor V25- PROM 256 KB- S-RAM 128 KB battery buffered- battery buffered real-time clock- mains 230 volt - 50 Hz |
| Interface | <ul style="list-style-type: none">- 3 quantity input channels, opto isolated- 12 digital input channels, opto isolated;- access from external source possible,- 2 pre-set status input channels- 1 relay output channel, parametricable- 1 RS 232 C (V24)- adjustable acoustic signal- 1 online connection (TTY / 20mA) to computer |
-

Optionals

- | | |
|-------------------|---|
| Interfaces | <ul style="list-style-type: none">- input channels for analogue process data- 1 RS 232C (V24)- barcode reading pen with combined holder as swipe-through reader- LAN Interface for online access instead of TTY 20mA |
|-------------------|---|

gbo datacomp GmbH

Kleiststrasse 6
D-64668 Rimbach
Phone +49 (0) 6253-808-500
Fax +49 (0) 6253-808-300
info@gbo-datacomp.de

Schertlinstrasse 12 a
D-86159 Augsburg
Phone +49 (0) 821-597010
Fax +49 (0) 821-581793
www.gbo-datacomp.de

Your Partner: