

## » DPM III xi SERIES

- Cost reduction by transfer ribbon saving
- More than 20 different versions available
- Cable outlet above or on the side
- Left and right hand versions
- Ribbon saving
- Print speed up to 450 mm/s
- Flexible marking such as best before date, bar codes, complex graphics or linked data from external data sources

The intermittent working DPM III xi is a high-resolution direct printing mechanism for installation in cycled packaging machines in all application areas, such as medical technology, pharmaceuticals industry and food industry. Thanks to its compact design, the DPM III xi can be integrated in any position in packaging machines, foil and pillow bag systems, as well as in product marking systems. For the intermittent process printing is executed while the foil is standing still. The DPM III xi has different print widths and lengths which enables a printable surface of 128 x 630 mm.

Without any difficulties applications with large-scale printing content or marking of different small products can be realised with DPM III xi by using the function 'column printing'.



### » High quality product marking

The DPM III xi direct print module enables high-quality marking on flexible packaging with maximum availability and low operating costs. Due to the high flexibility and transfer ribbon length the standstill times for production conversions are reduced to a minimum. The system is ideally suited for printing variable data, such as date, time, lot number, list of ingredients, and logos on flexible foil packaging or boxes.

### » Layouts with variable data

The Labelstar PLUS design software enables to produce multi-layer layouts in relative short time. Integrating popular 1D, 2D and composite bar codes extending to database connections and complex variables such as SAP connection and OLE functions can be easily implemented with Labelstar PLUS.



#### » Unsurpassed variety

With three different print widths of 53 mm, 107 mm and 128 mm and seven different print lengths up to max. 630 mm the DPM III xi series is one of the most variable solution for direct printing.



#### » Optional accessories

For extraordinary requirements more than 20 different versions of counter-pressure plates, in all available print widths and print lengths, adapted to each direct print module of the DPM III xi series are available. Owing to the optional cable outlet above the DPM III xi can be integrated into almost all packaging machines. The DPM III xi can be operated by input at the control unit, with an external keyboard or via PC.



#### » Interfaces

The DPM III xi series is equipped with standard serial, parallel and USB connection. For network connection an internal LAN interface is available. Time-saving firmware update is possible by using the available interfaces.



#### » Left and right hand versions

The offered right and left hand version permit almost unlimited horizontal or vertical installation possibilities. The DPM III xi can print on top face, bottom side or on a lateral surface. By different mounting plate parts the DPM III xi can be adapted at all tasks and installation situations.

# » TECHNICAL DATA

## » DPM III xi SERIES

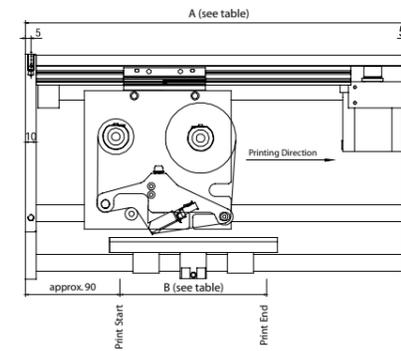
	DPM III xi53	DPM III xi107	DPM III xi128
<b>PRINT</b>			
Max. Print Width	53.3 mm	106.6 mm	128 mm
Print Lengths	60 mm, 140 mm, 240 mm, 340 mm, 447 mm, 570 mm, 630 mm	60 mm, 140 mm, 240 mm, 340 mm, 447 mm, 570 mm, 630 mm	60 mm, 140 mm, 240 mm, 340 mm, 447 mm, 570 mm, 630 mm
Resolution	300 dpi	300 dpi	300 dpi
Print Speed	50 – 450 mm/s*	50 – 450 mm/s*	50 – 400 mm/s*
Max. Back Speed	50 – 500 mm/s*	50 – 500 mm/s*	50 – 400 mm/s*
Printhead	Corner Type	Corner Type	Corner Type
<b>DIMENSIONS</b>			
Print Mechanics	Print Length + 230 mm x 170 mm x 260 mm	Print Length + 230 mm x 170 mm x 315 mm	Print Length + 230 mm x 170 mm x 335 mm
Control Unit	285 mm x 130 mm x 350 mm	285 mm x 130 mm x 350 mm	285 mm x 130 mm x 350 mm
Connecting Cable to Mechanics	2.5 m	2.5 m	2.5 m
<b>WEIGHT</b>			
Print Mechanics	7.5 kg – 23 kg (depending on print length and print width)	7.5 kg – 23 kg (depending on print length and print width)	7.5 kg – 23 kg (depending on print length and print width)
Electronics with Cable	10.5 kg	10.5 kg	10.5 kg
<b>FONTS</b>			
Font Types	6 Bitmap fonts, 6 Vector fonts/TrueType fonts, 6 proportional fonts other fonts on demand	6 Bitmap fonts, 6 Vector fonts/TrueType fonts, 6 proportional fonts other fonts on demand	6 Bitmap fonts, 6 Vector fonts/TrueType fonts, 6 proportional fonts other fonts on demand
<b>BAR CODES</b>			
1D Bar Codes	CODABAR, Code 128A, Code 128B, Code 2/5 interleaved, Code 39, Code 39 extended, Code 93, EAN 13, EAN 8, EAN ADD ON, GS1-128, Identcode (German Post Code), ITF 14, Leitcode (German Post Code), Pharmacode, PZN Code, UPC-A, UPC-E	CODABAR, Code 128A, Code 128B, Code 2/5 interleaved, Code 39, Code 39 extended, Code 93, EAN 13, EAN 8, EAN ADD ON, GS1-128, Identcode (German Post Code), ITF 14, Leitcode (German Post Code), Pharmacode, PZN Code, UPC-A, UPC-E	CODABAR, Code 128A, Code 128B, Code 2/5 interleaved, Code 39, Code 39 extended, Code 93, EAN 13, EAN 8, EAN ADD ON, GS1-128, Identcode (German Post Code), ITF 14, Leitcode (German Post Code), Pharmacode, PZN Code, UPC-A, UPC-E
2D Bar Codes	CODABLOCK F, DataMatrix, GS1 DataMatrix, MAXICODE, PDF417, QR Code	CODABLOCK F, DataMatrix, GS1 DataMatrix, MAXICODE, PDF417, QR Code	CODABLOCK F, DataMatrix, GS1 DataMatrix, MAXICODE, PDF417, QR Code
Composite Bar Codes	GS1 DataBar Expanded, GS1 DataBar Limited, GS1 DataBar Omnidirectional, GS1 DataBar Stacked, GS1 DataBar Stacked Omnidirectional, GS1 DataBar Truncated	GS1 DataBar Expanded, GS1 DataBar Limited, GS1 DataBar Omnidirectional, GS1 DataBar Stacked, GS1 DataBar Stacked Omnidirectional, GS1 DataBar Truncated	GS1 DataBar Expanded, GS1 DataBar Limited, GS1 DataBar Omnidirectional, GS1 DataBar Stacked, GS1 DataBar Stacked Omnidirectional, GS1 DataBar Truncated
<b>ELECTRONICS</b>			
Processor	High Speed 16 Bit	High Speed 16 Bit	High Speed 16 Bit
RAM	16 MB / 64 MB (on demand)	16 MB / 64 MB (on demand)	16 MB / 64 MB (on demand)
Slot	for Compact Flash card type I	for Compact Flash card type I	for Compact Flash card type I
Battery Cache	for real-time clock (storage of data with shut-down)	for real-time clock (storage of data with shut-down)	for real-time clock (storage of data with shut-down)
<b>INTERFACES</b>			
Serial	RS-232C (max. 19,200 baud)	RS-232C (max. 19,200 baud)	RS-232C (max. 19,200 baud)
Parallel	Centronics	Centronics	Centronics
USB	1.0	1.0	1.0
Ethernet/LAN	10/100 Base-T (optional)	10/100 Base-T (optional)	10/100 Base-T (optional)
<b>TRANSFER RIBBON</b>			
Coating	outside / inside	outside / inside	outside / inside
Max. Roll Diameter	85 mm	85 mm	85 mm
Core Diameter	25.4 mm / 1"	25.4 mm / 1"	25.4 mm / 1"
Max. Length	600 m (Ø 85 mm)	600 m (Ø 85 mm)	600 m (Ø 85 mm)
<b>CONNECTION VALUES</b>			
Pneumatic Connection	min. 6 bar dry and free from oil	min. 6 bar dry and free from oil	min. 6 bar dry and free from oil
Nominal Voltage	Standard 230 V / 50 – 60 Hz Option 115 V / 50 – 60 Hz	230 V / 50 – 60 Hz 115 V / 50 – 60 Hz	230 V / 50 – 60 Hz 115 V / 50 – 60 Hz
Nominal Current	230 V / 1.5 A – 110 V / 3 A	230 V / 1.5 A – 110 V / 3 A	230 V / 1.5 A – 110 V / 3 A
Fuse Values	230 V / 2 AT – 110 V / 4 AT	230 V / 2 AT – 110 V / 4 AT	230 V / 2 AT – 110 V / 4 AT
<b>OPERATING CONDITIONS</b>			
Temperature	5 – 40 °C	5 – 40 °C	5 – 40 °C
Max. Relative Humidity	80 % (non condensing)	80 % (non condensing)	80 % (non condensing)

\* depending on installation position

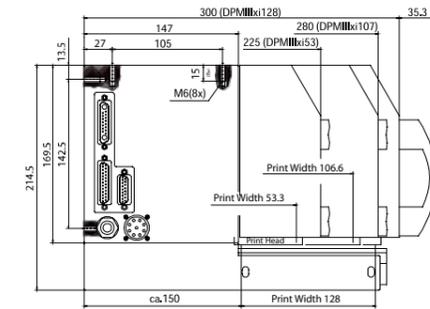
Technical data subject to change

# » PRINT MECHANICS VERSIONS

## » DPM III xi print mechanics right hand version



B Print Length:	60	140	240	340	447	570	630
A Machine Length:	290	370	470	570	678.5	800	860



## » DPM III xi control unit

