

Merten Maschinenbau u. Vertriebs GmbH • Puchgasse 9, A-1220 Vienna • P +43 1 2594648  
 mm-office@merten.at • www.merten.at

|                            |  |          |               |
|----------------------------|--|----------|---------------|
| Machine:                   | Bump turn  |          |               |
| Short description:         | BTDD/1120  |          |               |
| Drive:                     | Feed conveyor  | AC-motor | 370 Watt (2x) |
|                            | Cross conveyor   | AC-motor | 370 Watt (2x) |
|                            | Flow turn  | AC-motor | 550 Watt (2x) |
|                            | Scissor lift table   | AC-motor | 750 Watt      |
| Control system:            | synchronous speed control via voltage generator, of the rotary printing press or stitching machine |          |               |
| Tachometer signal output:  | U max. 180 V DC  |          |               |
| Analog signal:             | UE 0-10 V DC   |          |               |
| from rotary printing press | I max. 15 mA   |          |               |
| Speed:                     | adjustable from 0 - 100 m/min (50 m/min at 50 Hz)  |          |               |

|                        |  |
|------------------------|--|
| Page count:            | 4 – 128 pages                                    |
| Paper weight:          | up to the thickest kind of rotary printing paper |
| Product width:         | min. 115 x 125 mm                                |
|                        | max. 400 x 530 mm                                |
| Telescoping unit:      | with two hand wheels                             |
| Bump plate adjustable: | fixed by clamp bolt                              |

|                   |   |
|-------------------|---|
| Air requirements: | Air consumption: 300 Norm l/min (12 Nm <sup>3</sup> /h)<br>Air pressure: min. 4 bar; max. 7 bar |
|-------------------|---|

|                  |                                |
|------------------|--------------------------------|
| Input power:     | 1.900 Watt                     |
| Voltage:         | 3 x 400 V AC + N + PE 50/60 Hz |
| Control voltage: | 24 Volt                        |
| Nominal current: | 9 Ampere                       |
| Primary fuse:    | 16 Ampere                      |

|                  |                                 |
|------------------|---------------------------------|
| Infeed height:   | 1.380 / 680 mm (lifting 240)    |
| Delivery height: | 1.380 / 680 mm (lifting 240)    |
| Total length:    | 1.790 mm (with control cabinet) |
| Total width:     | 1.500 mm                        |
| Total height:    | 1.660 mm                        |

|         |            |
|---------|------------|
| Weight: | ca. 650 kg |
| Color:  | RAL 7035   |

Other colors, conveying heights and technical specifications, are available.  
 IN-DAT-BTDD1120