

Type - MKW RAPID

UT - System Belt conveyor table

16 - Number of stations

B3 - Format 35 x 50 cm / 13.78" x 19.68"

GS - High pile up to 70 cm

## 1 Automatic Collator

Type MKW RAPID UT / B3 / GS

- With 16 stations Belt-Conveyor-Table
- Sheet sizes 10 x 14 cm up to 35 x 50 cm
- Sheet sizes 3.94" x 5.51" up to 13.78" x 19.68"
- High-Pile version with max. 70 cm / 27.55" stacking height
- Paper weights up to 1.000 g/m<sup>2</sup>
- Single sheets, folded sheets (signatures), carton, plastic foils, ...
- Belt conveyor transport table for continuous sheet transport
- Timing belts radially adjustable for optimal sheet delivery
- Timing belts radial adjustment via electrical clutches
- Foldable transport fingers
- Maintenance-free pile lift drives via three-phase geared motors
- Adjustable tilt suction heads for optimal pick up of sheets
- Pressure-vacuum pump in sound-absorbing housing
- Integrated blast air reservoir in the machine frame
- Controlled blast air device per machine cycle
- Clocked blown air for accurate sheet layering
- Air blast mechanism with dosible automatic front blowers
- Air blast mechanism with dosible height-adjustable lateral blowers
- Air blast mechanism with dosible stretching-air
- Electronically adjustable sheet layering
- Electronic machine control by Industry-PC system
- High quality 15" color display for reliable and clear operation
- Color display in touch screen version
- Self-learning electronic missing/double sheet control per station
- Missing/double-sheet control by Infrared sensor MKW IR
- Missing/double sheet control parameterizable by the operator terminal
- Automatic repetition in case of missing-sheet
- Tandem function for double use 2 : 1 (TANDEM-Mode)
- Dynamic station selection for optimized pre-loading for the next job
- Automatic switching on/off of selected stations
- Inserting function at any station possible
- Alternating insert function at any station possible
- Alternating cardboard function at any station possible
- Speed display infinitely adjustable
- Advance counter with adjustable stop for number of sets and stop time
- Production counter with automatic emptying of the transport table
- Maintenance counter showing the maintenance intervals
- Total counter that indicates the total output of sets
- Special counting functions with combination possibility
- Delivery control system for criss-cross with adjustable set interval
- Storage facility for repeat jobs
- Transport table lighting with LED-Lamps
- Test programs for service and maintenance
- Energy saving system with automatic switching on/off of all drives
- Automatic switching on/off of the necessary pressure vacuum pumps
- Jam control along the transport table
- Active safety: Transparent safety hoods made of unbreakable PC

- Possibility of hand feeding of sets on the right side
- Ejector unit inclusive additional station at the delivery (for ejection of faulty sets) **AW 3** **incl.**
- Raising unit for delivery rollers (for different paper formats in one set and signatures) **AHB** **incl.**
- Delivery Jogger-system integrated (for normal and criss-cross delivery, incl. X-Jogger) **ASS i 3** **incl.**

#### **MKW RAPID UT 16 / B3 / GS**

##### **Customer specific options**

- Special program: Pool-program (programming for special block configuration) **SOFU-BK** **incl.**
- Special program: Repeat function (multiple collating function) **SOFU-WH** **incl.**
- Special program: Calendar splitting function (splitting of calendar or splitting of any sets) **SOFU-KT** **incl.**
- Control of blown air (adjustable pulsed blown air device) **SOFU-BLT** **incl.**
- LED signal strip to visualize the information (enables simple status detection) **SOFU-LED** **incl.**
- New drive system type TRANS (highly dynamic drive system) **SOFU-HAT** **incl.**
- Belt conveyor table with foldable transport fingers (for transition to intermediate formats) **SOFU-TTF** **incl.**
- Transport belts with electrically controlled clutch (for easy operation of paper cassette setting) **SOFU-TTK** **incl.**

#### **MKW SERIE A: TYPE RAPID**

**35x50 cm**

**B3**

#### **1 Prepiling-System for all stations**

##### **Type MKW VS 3**

- Mobile stacking pallets
- Format up to **35 x 50 cm**
- **16** units fixed installation in front of the machine
- **2** mobile pallets per station inclusive

**OPTION: Prepiling-System Typ MKW VS 3 / 16**

#### **MKW SERIE A: TYPE RAPID**

**35x50 cm**

**B3**

##### **Alternative to Jogger:**

#### **1 High-Pile delivery**

##### **Type MKW RAPID HA 350-UT / PN + T-BELT**

- Automatic high-pile delivery up to **30 cm** piling of sets
- Format up to **35 x 50 cm**
- Staggered delivery of sets
- Pneumatic drive unit for staggering of sets
- Automatic delivery on to buffer belt
- Buffer belt length approx **2,00 m**
- Counter function for pile height
- Text display for operation and monitoring

**MKW RAPID HA 350-UT / PN + T-BELT**