# HEIDELBERG - SM52 - 2

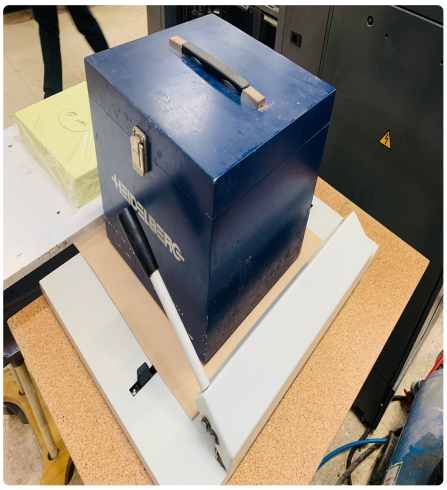
## General Information

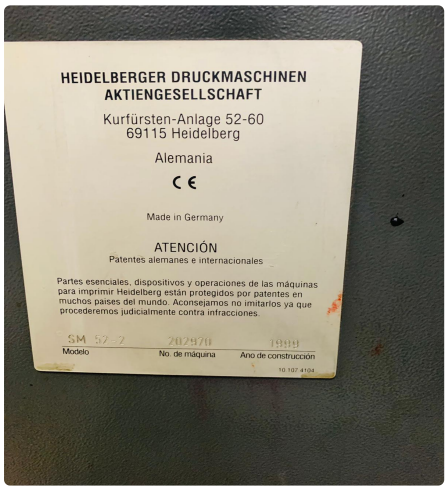
| | |
|---|---|
| Machine ID | : MCID_014 |
| Machine Group | : Press |
| Make | : HEIDELBERG |
| Model | : SM52 - 2 |
| Type | : Sheetfed |
| Units | : 2 |
| Year | : 1999 |
| Serial Number | : 202970 |
| Latest Total Impressions | : 60 Million |
| Machine Availability | : Immediately |
| Date | : 11-05-2023 |
| Current Status | : Dismantled |
| Test Print Possibility | : No |
| Remark | : Machine was dismantled |
| Cylinders Condition | : No damages |
| Overall Machine Condition | : 4.5 / 5 |

## Configuration

| | |
|---|---|
| Feeder Unit | : Preset Feeder |
| Plate Clamping | : Semi Auto Plate Clamp |
| Blanket Washer | : Auto Blanket Washer |
| Printing Process | : Conventional |
| Inking Unit | : Auto Roller Washer |
| Rollers | : Conventional Inking Rollers |
| Rollers Condition | : Rollers are good |
| Dampening Unit | : Alcolor Dampening |
| Vario System | : Without |
| Coating Unit | : Without Coating Unit |
| IR Dryer | : Without |
| Delivery Unit | : Low Pile Delivery |
| Control Station | : CP Tronic Compact |
| Color Measuring Device | : Without |
| Water Circulation System | : Technotrans , Basic |
| Plate Punch | : With |
| Plate Bender | : With |
| Pnemantic Compressor | : With |

## Images




HEIDELBERGER DRUCKMASCHINEN
AKTIENGESELLSCHAFT
Kurfürsten-Anlage 52-60
69115 Heidelberg
Alemania
CE
Made in Germany
ATENCIÓN
Patentes alemanes e internacionales
Partes esenciales, dispositivos y operaciones de las máquinas para imprimir Heidelberg están protegidos por patentes en muchos países del mundo. Aconsejamos no imitarlos ya que procederemos judicialmente contra infracciones.
Modelo
No. de máquina
Año de construcción

HEIDELBERG

# Print-related specifications

## Print-related specifications

| Print-related specifications Speedmaster SM 52 | | | |
|---|---|---|---|
| **Printing materials** | Maximum sheet size | | 370 × 520 mm *(14.57 × 20.47 in)* |
| | Minimum sheet size | | 105 × 145 mm *(4.13 × 5.71 in)* |
| | Maximum print format | | 360 × 520 mm *(14.17 × 20.47 in)* |
| | Gripper bite | | 8...10 mm *(0.31...0.39 in)*, continuously adjustable |
| | Printing material thickness | | 0.03...0.4 mm *(0.0012...0.016 in)* |
| **Printing performance** | Maximum | | 15,000 sheets/h (1) |
| | Minimum | | 3000 sheets/h |
| | Crawl speed | | 5 rpm |
| **Plate cylinder** | Printing plate size | Base material metal | 459 × 525 mm *(18.07 × 20.67 in)* |
| | | Base material polyester | 454 × 525 mm *(17.87 × 20.67 in)* |
| | Printing plate thickness | | 0.10...0.15 mm *(0.0039...0.0059 in)* |
| | Plate cylinder undercut | | 0.03 mm *(0.0012 in)* |
| | Distance between lead edge of plate and print start | | 58 mm *(2.28 in)* |
| **Blanket cylinder** | Format | Blanket, without metal edge | 460 × 536 mm *(18.11 × 21.10 in)* |
| | | Blanket, metal-edged | 490 × 536 mm *(19.29 × 21.10 in)* |
| | | Packing sheets | 377 × 532 mm *(14.84 × 20.94 in)* |
| | Thickness | Blanket | 1.95 mm *(0.077 in)* |
| | Blanket cylinder undercut | | 3.0 mm *(0.118 in)* |
| **Inking unit** | Total number of rollers | | 18 |
| | Inking form rollers | | 4 |
| | Inking form rollers diameter | | 64.5 mm *(2.54 in)*, 61.0 mm *(2.40 in)*, 54.0 mm *(2.13 in)*, 68.0 mm *(2.68 in)* |
| | Ink zones | | 16 |
| **Dampening system** | Type | | Alcolor continuous-film dampening system |
| | Total number of rollers | | 5 |
| | Dampening form roller | | 1 |
| | Dampening form roller diameter | | 68 mm *(2.68 in)* |
| **Pile heights, net** | Feeder | | 840 mm *(33.07 in)* |
| | Standard delivery | | 460 mm *(18.11 in)* |
| **Pile heights, gross** (2) | Feeder | | 915 mm *(36.02 in)* |
| | Standard delivery | | 535 mm *(21.06 in)* |

| Print-related specifications Speedmaster SM 52 | | | |
|---|---|---|---|
| **Maximum pile weight** | Maximum pile weight | Feeder | 180 kg *(400 lbs)* |
| | | Standard delivery | 100 kg *(220 lbs)* |
| | Maximum auxiliary pile weight | Feeder | 80 kg *(176 lbs)* |
| **Noise emission** | Noise emission values according to EN 13023: | | |
| | Sound pressure level at the feeder control console | | 78 dB(A) |
| | Sound pressure level at the standard delivery | | 81 dB(A) |
| | Additional measured value: | | |
| | Sound pressure level at the feeder (front side) | | 81 dB(A) |
| **Heat emission** | | | According to power demand |

Tab. 1 Print-related specifications

([1]): The maximum printing performance depends on the conditions on site and on the materials used. Deviations may also be due to customer- or market-specific special accessories. If this is the case, the deviations are documented in the press-specific publications.

([2]): Including pile carriage.