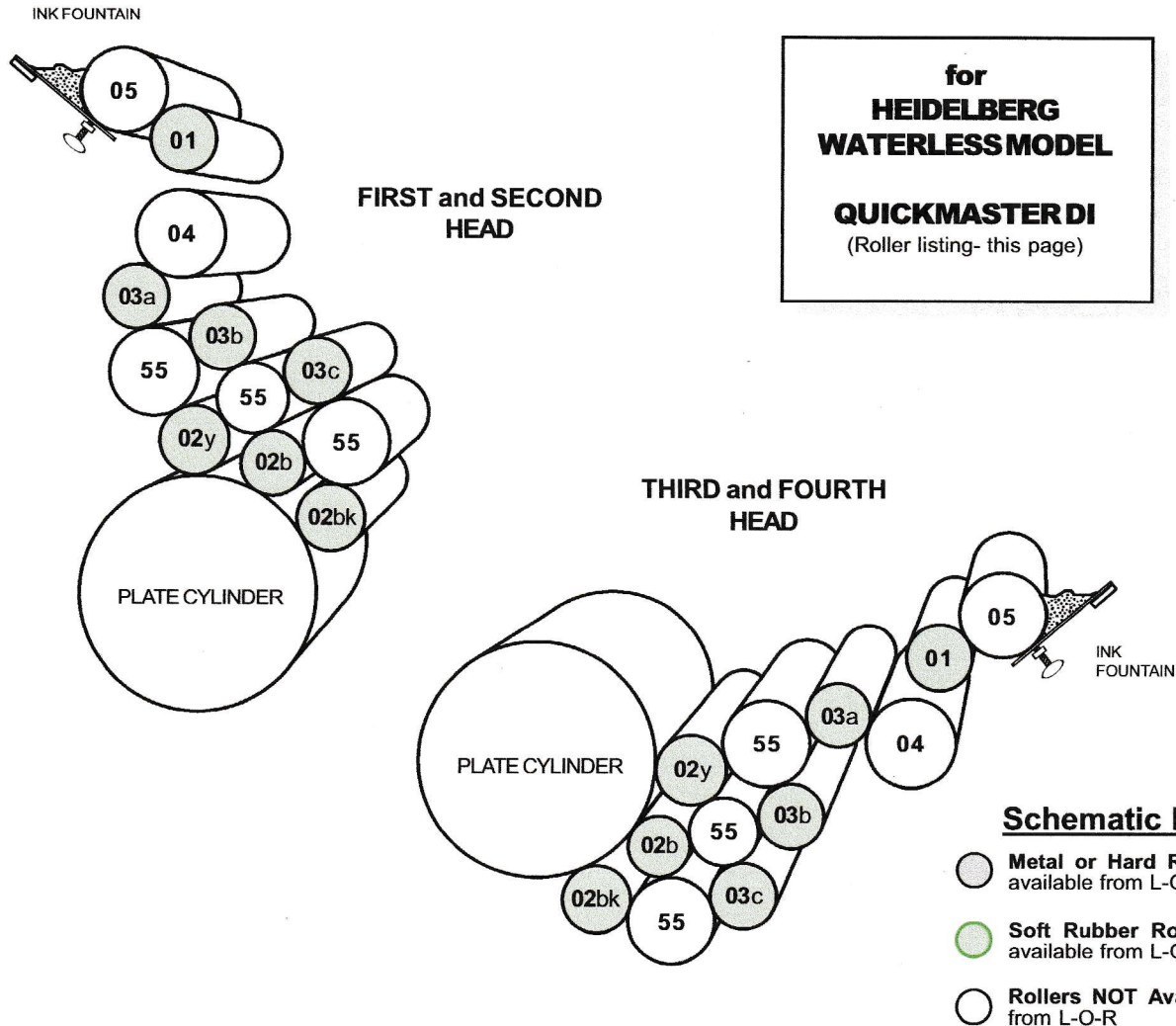


## Schematic View of Ink and Water Rollers

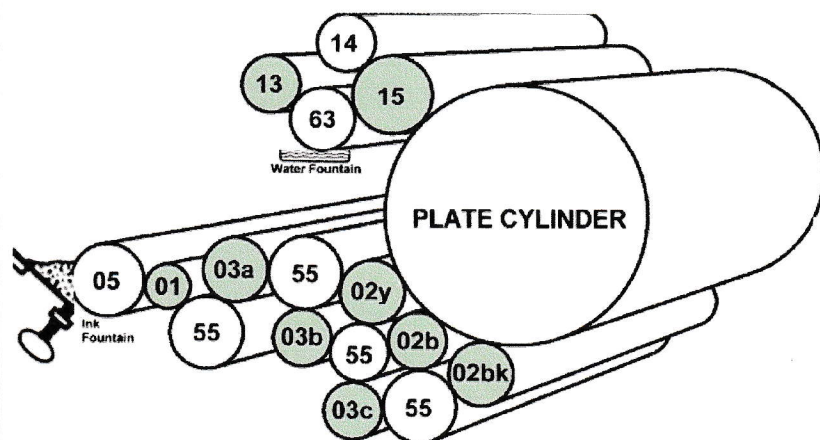


### HEIDELBERG QUICKMASTER DI *(Schematic view- this page)*

| SCHEMATIC NUMBER | LITH-O-ROLL PART NUMBER | DESCRIPTION                       | OUTSIDE DIAMETER | SURFACE LENGTH | OVERALL LENGTH | PRESS MFG PART NUMBER | ROLLER INCLUDES |
|------------------|-------------------------|-----------------------------------|------------------|----------------|----------------|-----------------------|-----------------|
| 01               | H-481-01                | Ink Ductor Roller (black paint)   | 1-9/16           | 13-3/8         | 16-17/32       | MV.024.481            | --              |
| 02 y             | H-477-02                | Ink Form Roller (yellow paint)    | 2-5/32           | 13-3/8         | 19-1/32        | MV.029.548            | B.B.            |
| 02 b             | H-480-02                | Ink Form Roller (blue paint)      | 1-25/32          | 13-3/8         | 16-9/16        | MV.029.549            | B.B.            |
| 02 bk            | H-709-02                | Ink Form Roller (black paint)     | 1-31/32          | 13-3/8         | 18-15/16       | MV.027.709            | B.B.            |
| 03 a             | H-476-03                | Ink Transfer Roller (black paint) | 2-1/16           | 13-3/8         | 18-15/16       | MV.024.476            | --              |
| 03 b             | H-478-03                | Ink Transfer Roller (black paint) | 1-29/32          | 13-3/8         | 19-1/2         | MV.024.478            | --              |
| 03 c             | H-479-03                | Ink Transfer Roller (black paint) | 1-29/32          | 13-3/8         | 17-1/32        | MV.024.479            | --              |

ROLLERS ALSO INCLUDE BALL BEARINGS (B.B.), BUSHINGS (bshgs.), OR GEARS WHERE INDICATED.

## Schematic View of Ink and Water Rollers

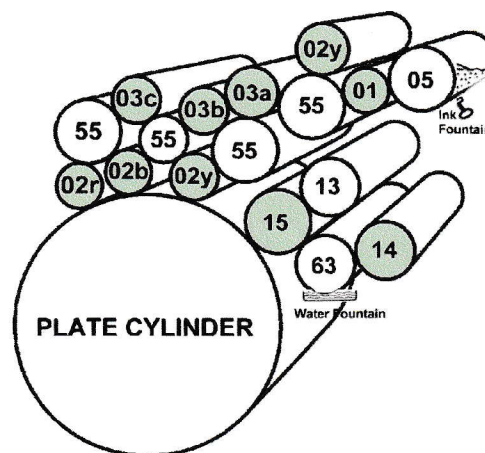


### FIRST HEAD

#### Schematic Key

- Metal or Hard Rubber Rollers available from L-O-R
- Soft Rubber Rollers available from L-O-R
- Rollers NOT available from L-O-R

for  
**HEIDELBERG**  
**QUICK MASTER 46**  
and **PRINT MASTER 46**



### SECOND HEAD

## HEIDELBERG QUICK MASTER 46 (and PRINT MASTER 46)

| Schematic Number | Lith-O-Roll Part Number | Description                                                            | Outside Diameter                                                        | Surface Length | Overall Length | Press Mfg Part No.        | Roller Includes | Suggested Retail Price |
|------------------|-------------------------|------------------------------------------------------------------------|-------------------------------------------------------------------------|----------------|----------------|---------------------------|-----------------|------------------------|
| N/A              | LOR-QM-46-K             | Soft Rubber: 7 Piece Ink Roll Kit (First Head)                         | (Save on Roller Kits) See our new products section for details on kits. |                |                |                           |                 |                        |
| N/A              | LOR-QM-46-2-K           | Soft Rubber: 8 Piece Ink Roll Kit (Second Head)                        | (Save on Roller Kits) See our new products section for details on kits. |                |                |                           |                 |                        |
| 01               | H-481-01                | Ink Ductor Roller (Black Paint)                                        | 1-9/16                                                                  | 13-3/8         | 16-7/32        | MV.024.481                | End Brgs        |                        |
| 02Y              | H-477-02                | Ink Form Roller (Yellow Paint)                                         | 2-5/32                                                                  | 13-3/8         | 19-1/32        | MV.024.477<br>A1.009.090  | B.B.            |                        |
| 02B              | H-480-02                | Ink Form Roller (Blue Paint)                                           | 1-25/32                                                                 | 13-3/8         | 16-9/16        | MV.024.480<br>A1.009.110  | B.B.            |                        |
| 02BK             | H-487-02                | Ink Form Roller (Black Paint)                                          | 1-31/32                                                                 | 13-3/8         | 18-15/16       | MV.024.487<br>A1.009.115  | B.B.            |                        |
| 02R              | H-417-02                | Ink Form Roller (Red Paint – for 2 <sup>nd</sup> head)                 | 1-31/32                                                                 | 13-3/8         | 18-5/8         | MV.025.417                | B.B.            |                        |
| 03A              | H-476-03                | Ink Transfer Roller (Black Paint)                                      | 2-1/16                                                                  | 13-3/8         | 18-15/16       | MV.024.476<br>A1.009.080  | B.B.            |                        |
| 03B              | H-478-03                | Ink Transfer Roller (Black Paint)                                      | 1-29/32                                                                 | 13-3/8         | 19-1/2         | MV.024.478<br>A1.009.092  | B.B.            |                        |
| 03C              | H-479-03                | Ink Transfer Roller (Black Paint)                                      | 1-29/32                                                                 | 13-3/8         | 17-1/32        | MV.024.479<br>A1.009.093  | B.B.            |                        |
| 13               | H-675-13-S              | Water Distributor Roll (Shell only) (serial # 955001 & up)             | 2-1/8                                                                   | 13-1/2         | 13-3/4         | MV.024.675                | -               |                        |
| 14               | H-470-14-A-S            | Metering Roller Serial # 955295 to 956639 (Shell only – for old style) | 1-3/4                                                                   | 13-7/8         | 14-1/8         | MV.028.470                | -               |                        |
| 14               | H-470-14-B-S            | Metering Roller Serial # 956640 and up (Shell only – for new style)    | 1-3/4                                                                   | 13-7/8         | 13-7/8         | MV.028.470                | -               |                        |
| 14               | H-470-14-C              | Metering Roller for Print Master (Solid core)                          | 2-1/8                                                                   | 13-5/8         | 15-1/2         | A1.030.236                | -               |                        |
| 15               | H-411-15-S              | Water Form (Shell Only) (serial # 956640 and up)                       | 2-7/16                                                                  | 13-5/8         | 13-5/8         | MV.028.411                | -               |                        |
| 15               | H-768-15-S              | Water Form (Shell Only) (serial # 95529 - 956639)                      | 2-7/16                                                                  | 13-5/8         | 13-5/8         | MV.024.768<br>A1.030.024F | -               |                        |

Rollers above include bushings, ball bearings, collars, and hardware, etc. as supplied with original part numbers.  
Made from Lith-O-Roll's finest materials, these premium rollers will provide optimum print quality.

(January 2000)





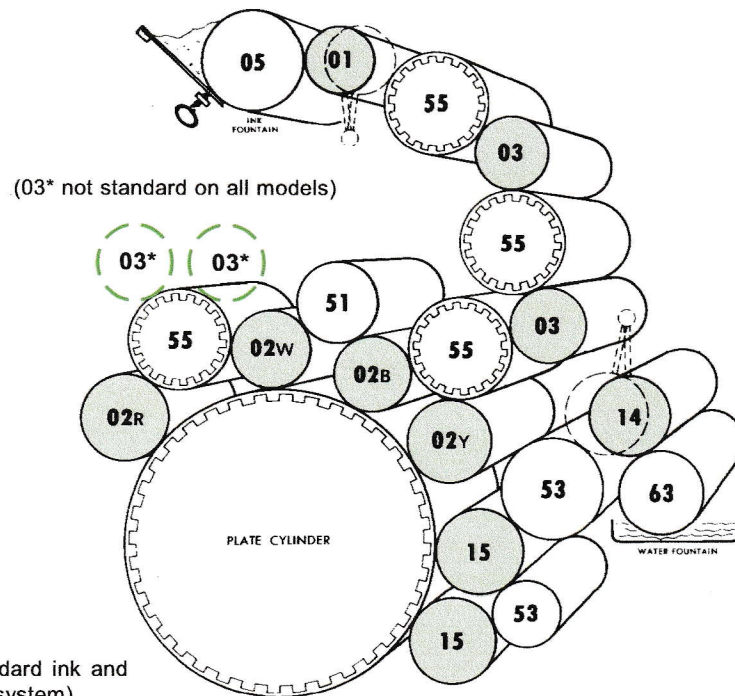
## Schematic View of Ink and Water Rollers

for  
**HEIDELBERG MODEL  
GTO 46**  
(Roller listing- this page)

### Schematic Key

-  Metal or Hard Rubber Rollers  
available from L-O-R
-  Soft Rubber Rollers  
available from L-O-R
-  Rollers NOT Available  
from L-O-R

(Shown with standard ink and  
dampening system)



### HEIDELBERG MODEL GTO46 (Schematic view- this page)

| SCHEMATIC<br>NUMBER | LITH-O-ROLL<br>PART NUMBER | DESCRIPTION                                  | OUTSIDE<br>DIAMETER                     | SURFACE<br>LENGTH | OVERALL<br>LENGTH | PRESS MFG<br>PART NUMBER | ROLLER<br>INCLUDES |
|---------------------|----------------------------|----------------------------------------------|-----------------------------------------|-------------------|-------------------|--------------------------|--------------------|
| -                   | LOR-GTO46-K                | Soft Rubber: 6 piece Ink Roller Kit          | (save on roller kits ... see section 7) |                   |                   |                          |                    |
| -                   | LOR-GTO46-K9               | Soft Rubber: 9 piece Ink Roller Kit          | (save on roller kits ... see section 7) |                   |                   |                          |                    |
| 01                  | H-1301                     | Ink Ductor Roller (ends painted BLUE)        | 1-25/32                                 | 17-3/4            | 21-1/8            | -                        | -                  |
| 02 Y                | H-1302-Y                   | Ink Form Roller (ends painted YELLOW)        | 1-15/16                                 | 17-3/4            | 21-1/8            | -                        | -                  |
| 02 B                | H-1302-B                   | Ink Form Roller (ends painted BLUE)          | 1-25/32                                 | 17-3/4            | 21-1/8            | -                        | -                  |
| 02 W                | H-1302-W                   | Ink Form Roller (ends painted WHITE)         | 1-27/32                                 | 17-3/4            | 21-1/8            | -                        | -                  |
| 02 R                | H-1302-R                   | Ink Form Roller (ends painted RED)           | 2                                       | 17-3/4            | 21-1/8            | -                        | -                  |
| 03                  | H-1303                     | Ink Idler Roller (ends painted BLUE)         | 1-25/32                                 | 17-3/4            | 21-1/8            | -                        | -                  |
| 14                  | H-1314                     | Water Ductor Roll (for Jomac cover # GS-423) | 1-7/8                                   | 18-1/4            | 21-1/8            | -                        | -                  |
| 15                  | H-1315                     | Water Form Roll (for Jomac cover # GS-423)   | 1-7/8                                   | 18-1/4            | 21-1/8            | -                        | -                  |
| 15                  | H-1315-3M                  | Water Form Roll ( for Jomac #WS-193x18-3/8)  | 1-31/32                                 | 18-1/4            | 21-1/8            | -                        | -                  |
| 15                  | H-1315-3M-S                | Water Form Roller (for Jomac Water Sleeve)   | 1-7/8                                   | 18-1/4            | 21-1/8            | -                        | -                  |
| -                   | H-1309                     | L-O-R Compressible Blanket                   | (17-5/16 x 18-1/8 wide; punched; 4 ply) |                   |                   |                          |                    |

### HEIDELBERG 10x15 LETTERPRESS

| SCHEMATIC<br>NUMBER | LITH-O-ROLL<br>PART NUMBER | DESCRIPTION                                | OUTSIDE<br>DIAMETER | SURFACE<br>LENGTH | OVERALL<br>LENGTH | PRESS MFG<br>PART NUMBER | ROLLER<br>INCLUDES |
|---------------------|----------------------------|--------------------------------------------|---------------------|-------------------|-------------------|--------------------------|--------------------|
| -                   | H-1002                     | Ink Form Roller* (w/ Nitrile rubber)       | 2                   | 14-1/2            | 19-11/32          | -                        | -                  |
| -                   | H-1002-JM                  | Ink Form Roller (w/ Jomac "Ryno" covering) | 2                   | 14-1/2            | 19-11/32          | -                        | -                  |

THIS IS AN ALL-SEASON SYNTHETIC RUBBER ROLLER OF EXCELLENT QUALITY \* ALL FOUR ROLLERS ON THIS PRESS ARE THE SAME SIZE

ROLLERS LISTED ABOVE DO NOT INCLUDE BEARINGS, ETC.





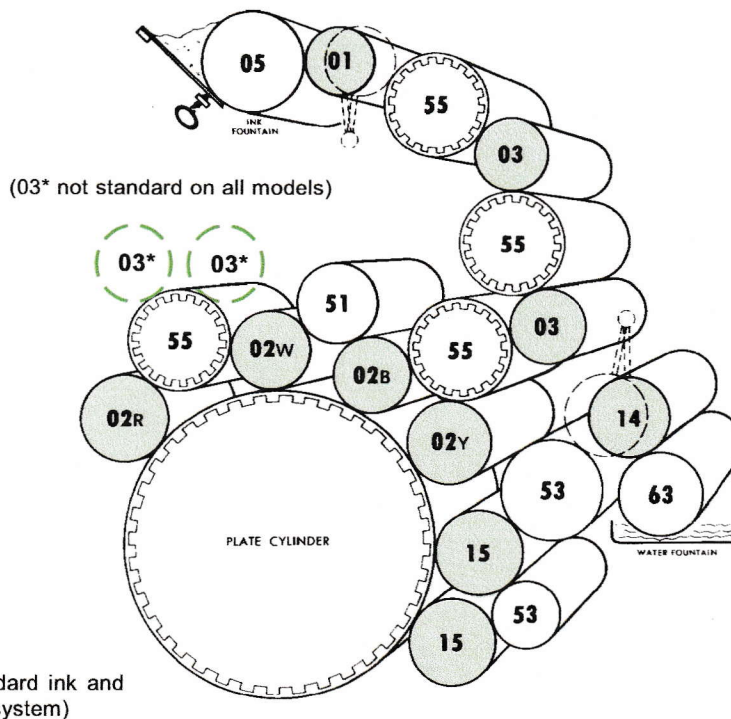
## Schematic View of Ink and Water Rollers

### for HEIDELBERG MODEL GTO 52

(Roller listing- this page)

#### Schematic Key

-  **Metal or Hard Rubber Rollers**  
available from L-O-R
-  **Soft Rubber Rollers**  
available from L-O-R
-  **Rollers NOT Available**  
from L-O-R



### HEIDELBERG MODEL GTO 52 (Schematic view- this page)

| SCHEMATIC NUMBER | LITH-O-ROLL PART NUMBER | DESCRIPTION                                  | OUTSIDE DIAMETER                        | SURFACE LENGTH | OVERALL LENGTH | PRESS MFG PART NUMBER | ROLLER INCLUDES |
|------------------|-------------------------|----------------------------------------------|-----------------------------------------|----------------|----------------|-----------------------|-----------------|
| -                | LOR-GTO-52-K            | Soft Rubber: 6 piece Ink Roller Kit          | (save on roller kits ... see section 7) |                |                |                       |                 |
| -                | LOR-GTO-52-K9           | Soft Rubber: 9 piece Ink Roller Kit          | (save on roller kits ... see section 7) |                |                |                       |                 |
| 01               | H-5201                  | Ink Ductor Roller (ends painted BLUE)        | 1-25/32                                 | 20-9/32        | 23-1/2         | -                     | -               |
| 02 Y             | H-5202-Y                | Ink Form Roller (ends painted YELLOW)        | 1-15/16                                 | 20-9/32        | 23-1/2         | -                     | -               |
| 02 B             | H-5202-B                | Ink Form Roller (ends painted BLUE)          | 1-25/32                                 | 20-9/32        | 23-1/2         | -                     | -               |
| 02 W             | H-5202-W                | Ink Form Roller (ends painted WHITE)         | 1-27/32                                 | 20-9/32        | 23-1/2         | -                     | -               |
| 02 R             | H-5202-R                | Ink Form Roller (ends painted RED)           | 2                                       | 20-9/32        | 23-1/2         | -                     | -               |
| 03               | H-5203-B                | Ink Idler Roller (ends painted BLUE)         | 1-25/32                                 | 20-9/32        | 23-1/2         | -                     | -               |
| 14               | H-5214                  | Water Ductor Roll (for Jomac cover # GS-524) | 1-7/8                                   | 20-23/32       | 23-1/2         | -                     | -               |
| 15               | H-5215                  | Water Form Roll (for Jomac cover # GS-524)   | 1-7/8                                   | 20-23/32       | 23-1/2         | -                     | -               |
| 15               | H-5215-3M-S             | Water Form Roll (for Jomac #WS-185x20-3/4)   | 1-7/8                                   | 20-23/32       | 23-1/2         | -                     | -               |

### HEIDELBERG MODEL GTO 52 NUMBERING UNIT

| SCHEMATIC NUMBER | LITH-O-ROLL PART NUMBER | DESCRIPTION                    | OUTSIDE DIAMETER | SURFACE LENGTH | OVERALL LENGTH | PRESS MFG PART NUMBER | ROLLER INCLUDES |
|------------------|-------------------------|--------------------------------|------------------|----------------|----------------|-----------------------|-----------------|
| -                | H-159-10                | Ink Ductor, Idler, Form Roller | 1-1/4            | 19-21/32       | 19-21/32       | 69-433-159            | -               |

ROLLERS LISTED ABOVE DO NOT INCLUDE BALL BEARINGS, ETC.