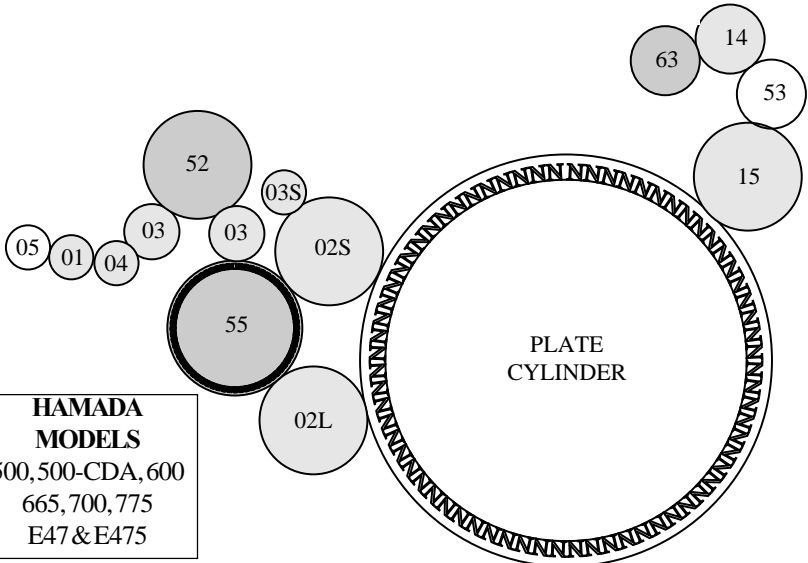


HAMADA

SCHEMATIC VIEW OF INK AND WATER ROLLERS

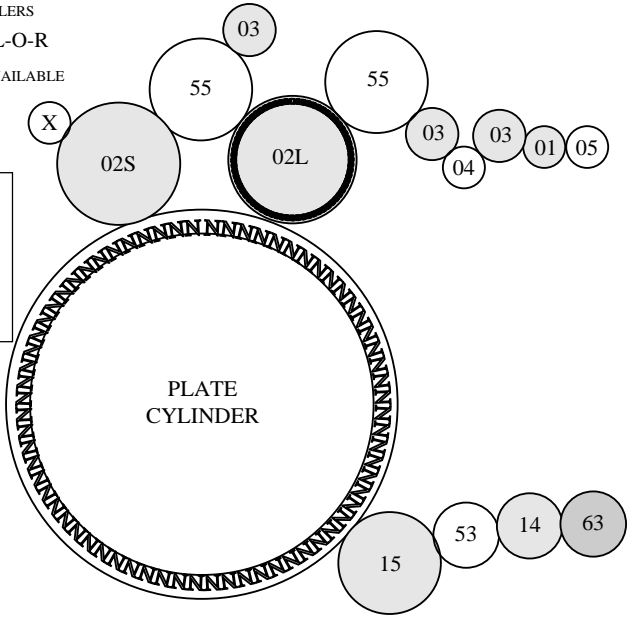


HAMADA MODELS
 500,500-CDA,600
 665,700,775
 E47 & E475

SCHEMATIC KEY

- METAL OR HARD RUBBER ROLLER
AVAILABLE FROM L-O-R
- SOFT RUBBER ROLLERS
AVAILABLE FROM L-O-R
- ROLLERS NOT AVAILABLE
FROM L-O-R

HAMADA COLORHEAD MODELS
 50,50A,60
 65,70,75



HAMADA

Model 500

Ref#	L-O-R #	Description	OD	S-L	O-L	DG#
	HS-500	Lower feed roller	1-1/8	--	13-1/16	MO4-51-1A-5
01	HS-501	Ink ductor roller	1-1/32	10-1/2	12-1/8	IO3-43-5
02 S	HS-502-S	Ink form roller (small)	2-1/16	10-7/16	11-3/4	IO3-47-1A-5
02 L	HS-502-L	Ink form roller (large)	2-3/8	10-7/16	11-3/4	IO3-47-1B-5
03	HS-503	Ink idler roller (large)	1-1/8	10-13/16	14-9/16	IO3-44-1A-5
03 S	HS-503-S	Ink idler roller (small)	7/8	10-13/16	14-9/16	IO3-44-1B-5
--	HS-508	Feeder pullout roller	1-19/32	7/8	7/8	HO4-35-1B-3
14	HS-514	Water ductor roller	1-3/32	11	12-1/8	RO3-14-5
15	HS-515	Water form roller	1-15/16	11-1/16	11-3/8	RO3-01-1B-5
15	HS-515-3M	Water form roller	2-1/8	11-1/16	11-3/8	RO3-01-1C-5
63	HS-563-S	Water fountain roller	1-3/8	11-1/4	12-1/16	RO3-18-0A-5
--	HS-510	Ink fountain crank	--	--	--	(special option)
--	HS-100	Water fountain bottle	--	--	--	(special option)

9

Model 50

Ref#	L-O-R #	Description	OD	S-L	O-L	DG#
01	HS-501	Ink ductor roller	1-1/32	10-1/2	12-1/8	IO3-43-5-A1
02 S	HS-502-S	Ink form roller (small)	2-1/16	10-7/16	11-3/4	IO3-47-1A-5
02 L	HSC-502-L	Ink form roller W/Lugs	2-3/8	10-7/16	11-3/8	GO6-01-1A-5
03	HSC-503	Ink idler roller (large)	1-1/8	10-13/16	13-3/8	G07-56-1A-5
14	HS-514	Water ductor roller	1-3/32	11	12-1/8	RO3-14-5
15	HS-515	Water form roller	1-15/16	11-1/16	11-3/8	RO3-01-1B-5
15	HS-515-3M	Water form roller	2-1/8	11-1/16	11-3/8	RO3-01-1C-5
63	HS-563-S	Water fountain roller	1-3/8	11-1/4	12-1/16	RO3-180A-5
--	HS-100	Water fountain bottle	--	--	--	(special option)

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**SAVE MONEY
CALL FOR DETAILS ON OUR
ROLLER STOCKING
PROGRAM**

HAMADA

Models 600, 500-CDA & 665

<u>Ref#</u>	<u>L-O-R #</u>	<u>Description</u>	<u>OD</u>	<u>S-L</u>	<u>O-L</u>	<u>DG#</u>
	HS-600	Lower feed roller	1-1/8	--	14-1/4	MO4-51-1A-6
01	HS-601	Ink Ductor roller	1-1/32	11-9/16	13-5/16	IO3-43-6
02 S	HS-602-S	Ink form roller (small)	2-1/16	11-9/16	12-15/16	IO3-47-1A-6
02 L	HS-602-L	Ink form roller (large)	2-3/8	11-9/16	12-15/16	IO3-47-1B-6
02 L	HS-602-LC	Osc. ink form roll	2-3/8	11-9/16	12-15/16	(Optional)
02 S	HS-502-SA	Ink form roller	2-1/16	10-7/16	12-15/16	IO3-47-1C-6
02 L	HS-502-LA	Ink form roller	2-3/8	10-7/16	12-15/16	IO3-47-1D-6
02 L	HS-502-A-LC	Osc. ink form roll	2-3/8	10-7/16	12-15/16	
03	HS-603	Ink idler roller (large)	1-3/32	11-9/16	15-3/4	IO3-44-02-6
03 S	HS-603-S	Ink idler roller (small)	7/8	11-9/16	15-3/4	IO3-44-01-6
	HS-508	Feeder pullout roller	1-19/32	7/8	7/8	HO4-35-1B-3
14	HS-614	Water Ductor roller	1-3/32	12-1/8	13-27/32	R13-14-6
15	HS-615	Water form roller	1-15/16	12-1/4	12-1/2	R13-01-1B-6
15	HS-615-3M	Water form roller	2-1/8	12-1/4	12-1/2	R13-01-1C-6
51	HS-651	Oscillating ink rider	1-5/32	11-1/2	15-1/4	(special option)
52	HS-652	Oscillating jumbo roller	4	12-1/2	15	(special option)
52	HS-652-S	Jumbo ink roller shell	4	12-1/2	--	(special option)
51	HS-654	Constant contact roll set	--	--	--	(special option)
63	HS-663-S	Water fountain smooth	1-3/8	12-7/16	13-1/4	R13-18-0A-6
--	HS-510	Ink fountain crank	--	--	--	(special option)
--	HS-100	Water fountain bottle	--	--	--	(special option)

Models 60, 50-A & 65 COLOR HEAD

<u>Ref#</u>	<u>L-O-R #</u>	<u>Description</u>	<u>OD</u>	<u>S-L</u>	<u>O-L</u>	<u>DG#</u>
01	HS-601	Ink Ductor roller	1-1/32	11-9/16	13-5/16	IO3-43-6
02 S	HS-602-S	Ink form roller (small)	2-1/16	11-9/16	12-15/16	IO3-47-1A-6
02 S	HSC-602-S	Ink form roll W/lugs	2-1/16	11-1/2	12-21/32	GO6-01-2A-6
02 L	HSC-602-L	Ink form roller W/lugs	2-3/8	11-3/8	12-21/32	GO6-01-1A-6
02 S	HS-502-SA	Ink form roller	2-1/16	10-7/16	12-15/16	IO3-47-1C-6
02 L	HSC-502-LA	Ink form roller	2-3/8	10-7/16	12-21/32	GO6-01-1B-6
03	HSC-603	Ink idler roller (large)	1-1/8	11-5/8	14-1/4	G07-56-1A-6
03	HSC-6503	Ink idler roller	1-1/8	11-3/8	13-7/8	4107-03-001
14	HS-614	Water Ductor roller	1-3/32	12-1/8	13-27/32	R13-14-6
15	HS-615	Water form roller	1-15/16	12-1/4	12-1/2	R13-01-1B-6
15	HS-615-3M	Water form roller	2-1/8	12-1/4	12-1/2	R13-01-1C-6
63	HS-663-S	Water fountain roller	1-3/8	12-7/16	13-1/4	R13-18-0A-6
--	HS-100	Water fountain bottle	--	--	--	(special option)

HAMADA
Models 700 AND 775
Including E47 and E475

<u>Ref#</u>	<u>L-O-R #</u>	<u>Description</u>	<u>OD</u>	<u>S-L</u>	<u>O-L</u>	<u>DG#</u>
--	HS-700A	Lower feed roller	1-1/8	--	20-13/16	MO4-51-1A-7
--	HS-700-B	Lower feed roller	1-1/8	--	20-13/16	MO4-51-1A-7
01	HS-701	Ink Ductor roller	1-1/32	18-1/4	19-7/8	IO3-43-7
02 S	HS-702-S	Ink form roller (small)	2-1/16	18	19-7/16	IO3-47-1A-7
02 L	HS-702-L	Ink form roller (large)	2-3/8	18	19-7/16	IO3-47-1B-7
02 L	HS-702-LC	Osc. ink form roll	2-3/8	18	19-7/16	(special option)
03	HS-703	Ink idler roller (large)	1-1/8	18-11/16	22-5/16	IO3-44-1A-7
03 S	HS-703-S	Ink idler roller (small)	7/8	18-11/16	22-5/16	IO3-44-1B-7
--	HS-508	Feeder pullout roller	1-19/32	7/8	7/8	HO4-35-1B-3
14	HS-714-A	Water idler roller	1-3/32	18-3/4	19-15/16	RO3-14-7
14	HS-714-B	Water ductor roller	1-3/32	18-3/4	20-3/8	R13-14-7
15	HS-715	Water form roller	1-15/16	18-11/16	19-1/16	R03-01-1B-7
15	HS-715-3M	Water form roller	2-1/8	18-11/16	19-1/16	R03-01-1C-7
51	HS-751	Oscillating ink rider	1-5/32	19	21-1/16	(special option)
52	HS-752	Oscillating jumbo ink	18-7/8	21-9/16		(special option)
52	HS-752-S	Jumbo ink roller shell	4	18-7/8	--	(special option)
51	HS-754	Const. Contact ink set	--	--	--	(special option)
63	HS-763-S	Water fountain roller	1-3/8	18-15/16	19-3/4	RO3-18-OA-7
--	HS-510	Ink fountain crank	--	--	--	(special option)
--	HS-100	Water fountain bottle	--	--	--	(special option)

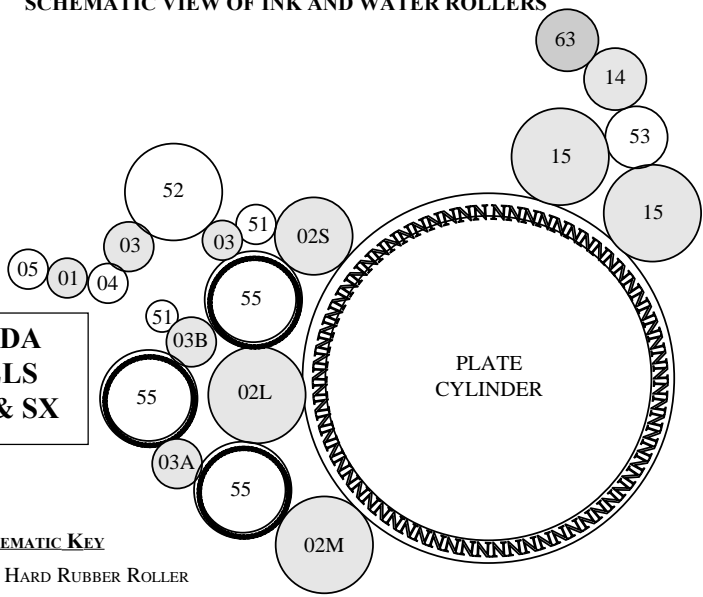
Models 70 AND 75 COLOR HEAD

<u>Ref#</u>	<u>L-O-R #</u>	<u>Description</u>	<u>OD</u>	<u>S-L</u>	<u>O-L</u>	<u>DG#</u>
01	HS-701	Ink Ductor Roller	1-1/32	18-1/4	19-7/8	103-43-7
02 S	HS-702-S	Ink Form Roller	2-1/16	18	19-7/16	103-47-1A-7
02L	HSC-702-L	Ink Form Roller	2-3/8	18	19-1/32	GO6-01-1A-7
03	HSC-703-A	Ink Idler Roller	1-1/8	18-5/16	21-1/8	S-27-61-7
03	HSC-703-B	Ink Idler Roller	1-9/16	18	20-5/16	G07-56-1A-7
03	HSC-703-C	Ink Idler Roller	1-1/8	18-3/32	20-7/16	G07-73-1A-7
14	HS-714-B	Water Ductor Roller	1-3/32	18-3/4	20-3/8	R-13-14-7
15	HS-715	Water Form Roller	1-15/16	18-11/16	19-1/16	RO3-01-0B-7
15	HS-715-3M	Water Form Roller	2-1/8	18-11/16	19-1/16	RO3-01-1C-7
63	HS-763-S	Water Ftn. Roll	1-3/8	18-15/16	19-3/4	RO3-18-OA-7
--	HS-100	Water Ftn. Bottle	--	--	--	(special option)

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HAMADA

SCHEMATIC VIEW OF INK AND WATER ROLLERS

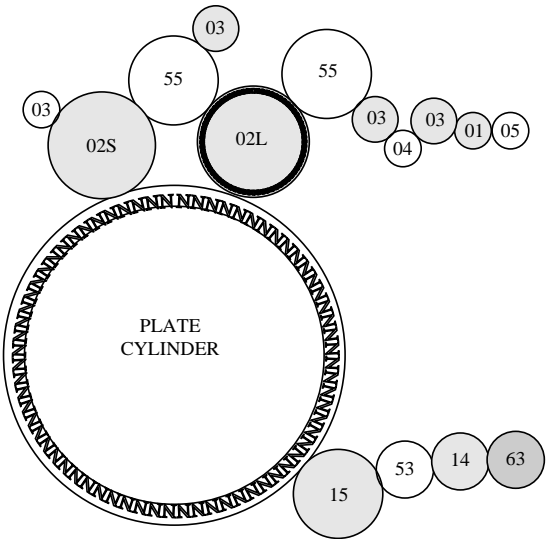


**HAMADA
MODELS
800 DX & SX**

SCHEMATIC KEY

- METAL OR HARD RUBBER ROLLER
AVAILABLE FROM L-O-R
- SOFT RUBBER ROLLERS
AVAILABLE FROM L-O-R
- ROLLERS NOT AVAILABLE
FROM L-O-R

**HAMADA
COLOR HEADS
MODEL
80 DX & SX**



HAMADA

MODEL 800 DX/SX AND 885

<u>Ref#</u>	<u>L-O-R #</u>	<u>Description</u>	<u>OD</u>	<u>S-L</u>	<u>O-L</u>	<u>DG#</u>
--	HS-800-A	Lower Feed Roller	1-1/8	--	23-1/8	MO4-51-1A-8
	HS-800-B	Lower Feed Roller	1-1/8	--	23-1/8	--
01	HS-801	Ink Ductor Roller	1-1/16	20-3/8	21-31/32	124-82-8
02S	HS-802-S	Ink Form Roller (small)	2-1/16	20-5/32	21-3/4	123-50-1A-8
02L	HS-802-L	Ink Form Roller (large)	2-3/8	20-5/32	21-3/4	123-50-1B-8
02M	HS-802-M	Ink Form Roller	2-3/16	20-5/32	21-15/16	123-50-1C8
03	HS-803	Ink Idler Roller	1-1/8	20-1/2	24-5/8	124-83-1A-8
03A	HS-803-A	Ink Idler Roller	1-9/16	20-3/8	22-29/32	124-541-A-8
03B	HS-803-B	Ink Intermediate Roller	1-7/16	20-3/8	21-15/16	124-19-1A-8
--	HS-508	Feeder Pullout Roller	1-19/32	7/8	7/8	H04-35-1B-3
14	HS-814	Water Ductor Roller	1-1/16	20-7/8	22-11/16	R13-14-8
15	HS-815	Water Form Roller	1-15/16	20-7/8	21-7/32	R13-01-1B-8
15	HS-815-3M	Water Form Roller	2-1/8	20-7/8	21-7/32	R13-01-1C-8
63	HS-863-S	Water Fountain Roller	1-3/8	21-1/4	22-3/32	R13-18-0A-8
--	HS-100	Water Fountain Bottle	5.10)	--	--	(special option)
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HAMADA

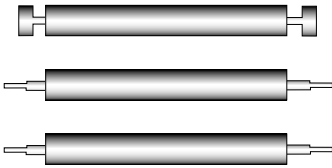
MODEL 80 DX/SX AND 85 COLOR HEAD

<u>Ref#</u>	<u>L-O-R #</u>	<u>Description</u>	<u>OD</u>	<u>S-L</u>	<u>O-L</u>	<u>DG#</u>
01	HS-801	Ink Ductor Roller	1-1/16	20-3/8	21-31/32	124-82-8
02S	HS-802-S	Ink Form Roller sml	2-1/16	20-5/32	21-3/4	123-50-1A-8
02L	HSC-802-L	Ink Form Roller	2-3/8	20-5/32	21-3/8	G26-01-1A-8
03	HSC-803	Ink Idler Roller	1-1/8	20-5/16	22-3/4	G27-73-1A-8
14	HS-814	Water Ductor Roller	1-1/16	20-7/8	22-11/16	R13-14-8
15	HS-815	Water Form Roller	1-15/16	20-7/8	21-7/32	R13-01-1B-8
15	HS-815-3M	Water Form Roller	2-1/8	20-7/8	21-7/32	R13-01-1C-8

**ASK ABOUT OUR
ROLLER STOCKING
PROGRAM**

CONSTANT CONTACT INK ROLLER SET

**INCREASE INK DISTRIBUTION
INCREASE INK RESERVE CAPACITY
REQUIRES NO PRESS MODIFICATIONS**



The installation of our special "Oscillating" Ink Rider Roller along with the two replacement idler rollers that comprise the "Constant Contact" Set will dramatically increase your ability to handle those "tough" printing jobs. Refer to your specific press section for part number and specifications.

OSCILLATING JUMBO INK ROLLER COMPLETEROLLER

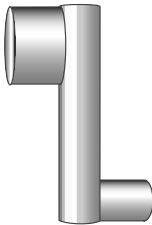
Comes complete ready to use. Equipped with grease fittings to lubricate the oscillating mechanism. Hard rubber bonded to a steel shell. 4" outer Diameter. Oscillating stroke has 1/2" movement.



CONVERSIONKIT

Same as oscillating Jumbo Ink Roller but does not include oscillating mechanism. Designed to convert the small Hamada original equipment roller to jumbo size for added ink reserve capacity.

INKFOUNTAINCRANK



This L-O-R ink fountain crank provides a steady, even turning of the ink fountain roller for quick job set-ups or fast recovery of ink while the press is running.

Adding or mixing of dryers, varnish, reducers, etc. to the ink, right in the fountain, is quick and easy. The ink fountain roller cannot be turned the wrong way. This eliminates the possibility of accidentally flooding the ink system. The crank is chrome plated and easy to install.

WATER FOUNTAIN BOTTLE QUART SIZE UNBREAKABLE NO SPRINGS

WITH NON-CORRODING ALUMINUM VALVE

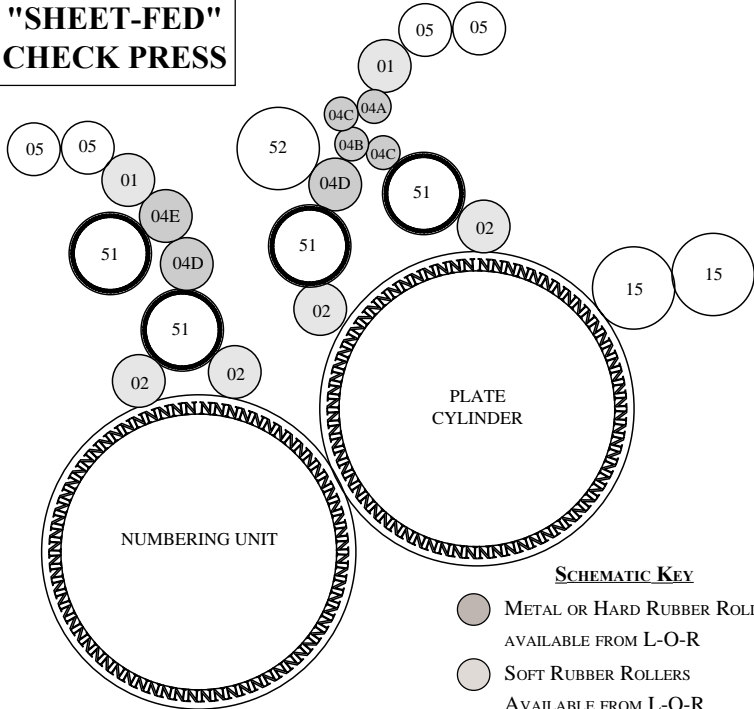


Non-Collapsible bottle and cap. No springs to corrode or rust. Non-Drip Aluminum valve. Bottle is graduated in ounce marks and is very easy to clean with a mild detergent. It will last indefinitely.




HEATH PRESS

SCHEMATIC VIEW OF INK AND WATER ROLLERS

**"SHEET-FED"
CHECK PRESS**



SCHEMATIC KEY

-  METAL OR HARD RUBBER ROLLER
AVAILABLE FROM L-O-R
-  SOFT RUBBER ROLLERS
AVAILABLE FROM L-O-R
-  ROLLERS NOT AVAILABLE
FROM L-O-R

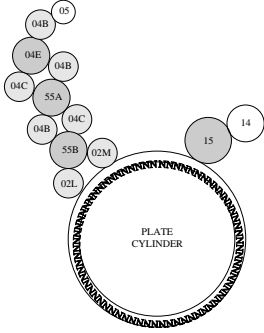
HEATH "SHEET-FED" CHECK PRESS

Ref#	L-O-R #	Description	OD	S-L	O-L	DG#
01	HP-1001	Ink Ductor Roller	1-3/4	22-1/2	24-5/16	C-1034-4
02	HP-1002-B	Ink Form Roller	1-7/8	22-1/2	26-7/16	B-1805
04A	HP-1004-A	Ink Distributor Roller	1-1/8	22-1/2	26-9/16	B-1274-2
04B	HP-1004-B	Ink Distributor Roller	1-1/4	22-1/2	26-9/16	B-1274-1
04C	HP-1004-C	Ink Distributor Roller	1-1/2	22-1/2	26-9/16	C-1034-8
04D	HP-1004-D	Ink Distributor Roller	2-1/8	22-1/2	26-9/16	C-1034-6
04E	HP-1004-E	Ink Distributor Roller	2-1/2	22-1/2	26-9/16	C-1034-9

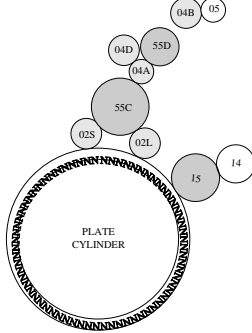
**PLEASE CHECK OUR PRICES ON NEW
NUMBERING MACHINES AND REPLACEMENT NUMBERING
MACHINE PARTS FOR ALL THE
HEATH PRESSES**

**HEATH "PAK-TO-PAK" CHECK PRESS
SCHEMATIC VIEW OF INK AND WATER ROLLERS**

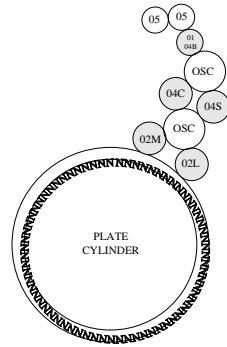
**OFFSET
UNIT**



**COLOR
HEAD**



**NUMBERING
UNIT**



SCHEMATIC KEY

- METAL OR HARD RUBBER ROLLER AVAILABLE FROM L-O-R
- SOFT RUBBER ROLLERS AVAILABLE FROM L-O-R
- ROLLERS NOT FROM L-O-R

HEATH "PAK-TO-PAK" CHECK PRESS

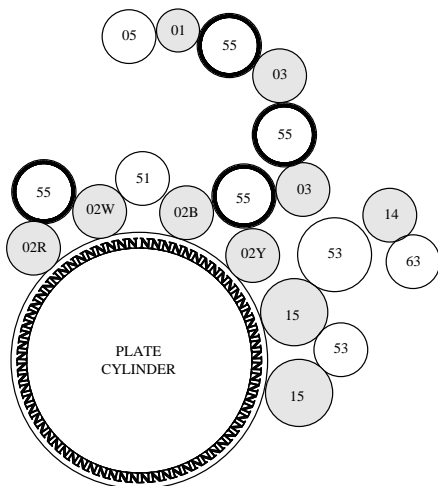
<u>Ref#</u>	<u>L-O-R #</u>	<u>Description</u>	<u>OD</u>	<u>S-L</u>	<u>O-L</u>	<u>DG#</u>
01	HP-3001	Spiral Ductor Roller	1-7/8	15	15-3/8	B-3514-1
02S	HP-3002-S	Ink Form Roller	1-3/4	15	21-1/2	B-3593-1
02M	HP-3002-M	Ink Form Roller	1-7/8	15	21-1/2	B-3511-1
02L	HP-3002-L	Ink Form Roller	2-1/8	15	20	B-3510-1
04A	HP-3004-A	Distributor Roller	1-5/8	15	19-15/16	B-3594-1
04B	HP-3004-B	Distributor/ Ductor	1-7/8	15	15-3/8	B-3118-1
04C	HP-3004-C	Distributor Roller	2-1/8	15	15-3/8	B-3119-1
04D	HP-3004-D	Distributor Roller	2-1/4	15	19-15/16	B-3595-1
04E	HP-3004-E	Driven Ink Roller	2-9/32	15	28-1/8	B-3070-1
15	HP-3015	Water Form Roller	3-1/16	15-1/4	19-9/16	C-3051-1
55A	HP-3055-A	Ink Oscillator Roller	2-1/32	15-5/8	33-11/16	B-3564-1
55B	HP-3055-B	Ink Oscillator Roller	2-9/32	15-5/8	33-3/16	B-3562-1
55C	HP-3055-C	Ink Oscillator Roller	4-3/8	15-5/8	34-1/2	B-3591-1
55D	HP-3055-D	Ink Oscillator Roller	2-7/16	15-5/8	34-5/8	B-3592-1

**PLEASE CALL US AND CHECK OUR BLANKET PRICES
AND
SPECIAL STOCKING PROGRAM**

HEIDELBERG PRESS

SCHEMATIC VIEW OF INK AND WATER ROLLERS

**FOR
HEIDELBERG
MODEL
GTO 46**



SCHEMATIC KEY

- METAL OR HARD RUBBER ROLLER
AVAILABLE FROM L-O-R
- SOFT RUBBER ROLLERS
AVAILABLE FROM L-O-R
- ROLLERS NOT AVAILABLE
FROM L-O-R

HEIDELBERG MODEL GTO 46

<u>Ref#</u>	<u>L-O-R #</u>	<u>Description</u>	<u>OD</u>	<u>S-L</u>	<u>O-L</u>	<u>DG#</u>
01	H-1301	Ink Ductor Roller	1-25/32	17-3/4	21-1/8	--
02Y	H-1302-Y	Ink Form Roller	1-15/16	17-3/4	21-1/8	--
02B	H-1302-B	Ink Form Roller	1-25/32	17-3/4	21-1/8	--
02W	H-1302-W	Ink Form Roller	1-27/32	17-3/4	21-1/8	--
02R	H-1302-R	Ink Form Roller	2	17-3/4	21-1/8	--
03	H-1303	Ink Idler Roller	1-25/32	17-3/4	21-1/8	--
14	H-1314	Water Ductor Roller	1-7/8	18-1/4	21-1/8	--
15	H-1315	Water Form Roller	1-7/8	18-1/4	21-1/8	--
15	H-1315-3M	Water Form Roller	1-31/32	18-1/4	21-1/8	--
15	H-1315-3M-S	Water Form Roller	1-7/8	18-1/4	21-1/8	--

HEIDELBERG MODEL 10 X 15 LETTERPRESS

<u>Ref#</u>	<u>L-O-R #</u>	<u>Description</u>	<u>OD</u>	<u>S-L</u>	<u>O-L</u>	<u>DG#</u>
--	H-1002	Ink Form Roller	2	14-1/2	19-11/32	--
--	H-1003	Ink Distributor Roller	2	14-1/2	19-11/32	--

Continue to next page: **HEIDELBERG PRESS rollers 9-31**