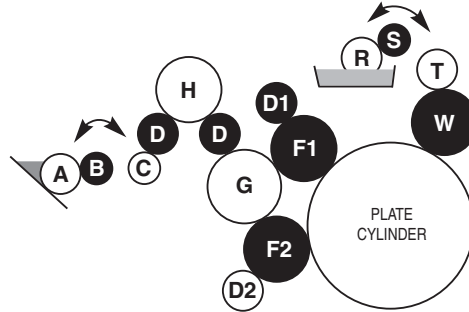


## HAMADA MODELS 500, 500-CD, & 500-CDA

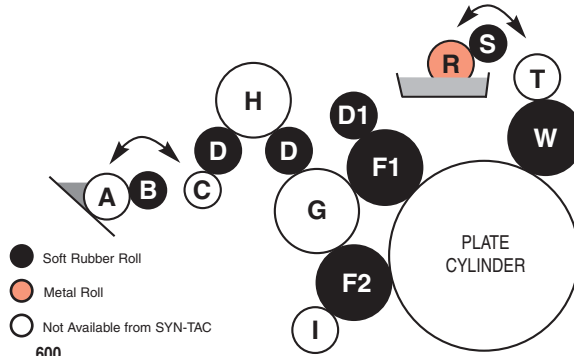


● Soft Rubber Roll      ○ Not Available from SYN-TAC

Syn-Tac Cat. No.	Key	Description	Mfg. Part No.	Roll Dia.	Roll Face Lgth.	Overall Shaft Lgth.
<b>MODEL 500 &amp; 500-CD</b>						
<b>INK SYSTEM ROLLERS</b>						
10010	F1	INK FORM (small)	I03-47-1A-5	2 <sup>1</sup> / <sub>16</sub>	10 <sup>7</sup> / <sub>16</sub>	11 <sup>3</sup> / <sub>4</sub>
10011	F2	INK FORM (large)	I03-47-1B-5	2 <sup>3</sup> / <sub>8</sub>	10 <sup>7</sup> / <sub>16</sub>	11 <sup>3</sup> / <sub>4</sub>
10020*	D	INK DISTRIBUTOR (large)	I03-44-1A-5	1 <sup>1</sup> / <sub>8</sub>	10 <sup>13</sup> / <sub>16</sub>	14 <sup>5</sup> / <sub>8</sub>
10021*	D1	INK DISTRIBUTOR (small)	I03-44-1B-5	7/ <sub>8</sub>	10 <sup>13</sup> / <sub>16</sub>	14 <sup>5</sup> / <sub>8</sub>
10030*	B	INK DUCTOR	I03-43-5	1 <sup>1</sup> / <sub>32</sub>	10 <sup>9</sup> / <sub>16</sub>	12 <sup>1</sup> / <sub>8</sub>
<b>MOLLETON WATER SYSTEM ROLLERS</b>						
10040	W	WATER FORM	R03-01-1B-5	1 <sup>15</sup> / <sub>16</sub>	11	11 <sup>17</sup> / <sub>32</sub>
10041	W	3M WATER FORM (3M sleeve #21014 <u>not</u> included)	R03-01-1C-5	2 <sup>1</sup> / <sub>8</sub>	11	11 <sup>17</sup> / <sub>32</sub>
10050*	S	WATER DUCTOR	R03-14-5	1 <sup>3</sup> / <sub>32</sub>	11	12 <sup>7</sup> / <sub>32</sub>
<b>MODEL 50 COLOR HEAD</b>						
<b>INK SYSTEM ROLLERS</b>						
10010	—	INK FORM (small)	I03-47-1A-5	2 <sup>1</sup> / <sub>16</sub>	10 <sup>7</sup> / <sub>16</sub>	11 <sup>3</sup> / <sub>4</sub>
10012	—	INK FORM (large)	G06-01-1A-5	2 <sup>3</sup> / <sub>8</sub>	10 <sup>7</sup> / <sub>16</sub>	11 <sup>3</sup> / <sub>4</sub>
10022*	—	INK DISTRIBUTOR (large)	G07-56-1A-5	1 <sup>1</sup> / <sub>8</sub>	10 <sup>13</sup> / <sub>16</sub>	13 <sup>3</sup> / <sub>8</sub>
10030*	—	INK DUCTOR	I03-43-5	1 <sup>1</sup> / <sub>32</sub>	10 <sup>9</sup> / <sub>16</sub>	12 <sup>1</sup> / <sub>8</sub>
<b>MOLLETON WATER SYSTEM ROLLERS</b>						
10040	—	WATER FORM	R03-01-1B-5	1 <sup>15</sup> / <sub>16</sub>	11	11 <sup>17</sup> / <sub>32</sub>
10041	—	3M WATER FORM (3M sleeve #21014 <u>not</u> included)	R03-01-1C-5	2 <sup>1</sup> / <sub>8</sub>	11	11 <sup>17</sup> / <sub>32</sub>
10050*	—	WATER DUCTOR	R03-14-5	1 <sup>3</sup> / <sub>32</sub>	11	12 <sup>7</sup> / <sub>32</sub>
<b>MODEL 500-CDA</b>						
<b>INK SYSTEM ROLLERS</b>						
10510	F1	INK FORM (small)	I03-47-1C-6	2 <sup>1</sup> / <sub>32</sub>	10 <sup>7</sup> / <sub>16</sub>	12 <sup>15</sup> / <sub>16</sub>
10511	F2	INK FORM (large)	I03-47-1D-6	2 <sup>3</sup> / <sub>8</sub>	10 <sup>7</sup> / <sub>16</sub>	12 <sup>15</sup> / <sub>16</sub>
10620*	D	INK DISTRIBUTOR (large)	I03-44-02-6	1 <sup>1</sup> / <sub>8</sub>	11 <sup>9</sup> / <sub>16</sub>	15 <sup>3</sup> / <sub>4</sub>
10621*	D1	INK DISTRIBUTOR (small)	I03-44-01-6	7/ <sub>8</sub>	11 <sup>9</sup> / <sub>16</sub>	15 <sup>3</sup> / <sub>4</sub>
10630*	B	INK DUCTOR	I03-43-6	1 <sup>1</sup> / <sub>32</sub>	11 <sup>19</sup> / <sub>32</sub>	13 <sup>5</sup> / <sub>16</sub>
<b>MOLLETON WATER SYSTEM ROLLERS</b>						
10640	W	WATER FORM	R13-01-1B-6	1 <sup>15</sup> / <sub>16</sub>	12 <sup>5</sup> / <sub>16</sub>	12 <sup>23</sup> / <sub>32</sub>
10641	W	3M WATER FORM (3M sleeve #21014 <u>not</u> included)	R13-01-1C-6	2 <sup>1</sup> / <sub>8</sub>	12 <sup>5</sup> / <sub>16</sub>	12 <sup>23</sup> / <sub>32</sub>
10650*	S	WATER DUCTOR	R13-14-6	1 <sup>3</sup> / <sub>32</sub>	12 <sup>7</sup> / <sub>32</sub>	13 <sup>13</sup> / <sub>16</sub>
<b>MODEL 50-A COLOR HEAD</b>						
<b>INK SYSTEM ROLLERS</b>						
10510	—	INK FORM (small)	I03-47-1C-6	2 <sup>1</sup> / <sub>32</sub>	10 <sup>7</sup> / <sub>16</sub>	12 <sup>15</sup> / <sub>16</sub>
10512	—	INK FORM (large) gear driven	G06-01-1B-6	2 <sup>3</sup> / <sub>8</sub>	10 <sup>13</sup> / <sub>32</sub>	12 <sup>23</sup> / <sub>32</sub>
10622*	—	INK DISTRIBUTOR	G07-60-1A-6	1 <sup>1</sup> / <sub>8</sub>	11 <sup>5</sup> / <sub>8</sub>	14 <sup>1</sup> / <sub>4</sub>
10630*	—	INK DUCTOR	I03-43-6	1 <sup>1</sup> / <sub>32</sub>	11 <sup>19</sup> / <sub>32</sub>	13 <sup>5</sup> / <sub>16</sub>
<b>MOLLETON WATER SYSTEM ROLLERS</b>						
10640	—	WATER FORM	R13-01-1B-6	1 <sup>15</sup> / <sub>16</sub>	12 <sup>5</sup> / <sub>16</sub>	12 <sup>23</sup> / <sub>32</sub>
10641	—	3M WATER FORM (3M sleeve #21014 <u>not</u> included)	R13-01-1C-6	2 <sup>1</sup> / <sub>8</sub>	12 <sup>5</sup> / <sub>16</sub>	12 <sup>23</sup> / <sub>32</sub>
10650*	—	WATER DUCTOR	R13-14-6	1 <sup>3</sup> / <sub>32</sub>	12 <sup>7</sup> / <sub>32</sub>	13 <sup>13</sup> / <sub>16</sub>
<b>BOTTLES FOR ALL MODEL 500 SERIES</b>						
10649	—	for HAMADA	—	—	—	—
10649-2	—	for HAMADA (two-quart size)	—	—	—	—

\*Bushings are NOT included.

### HAMADA MODELS 600, 600-CD & 600-DW



- Soft Rubber Roll
- Metal Roll
- Not Available from SYN-TAC

Syn-Tac Cat. No.	CD DW	Color Head	Description	Mfg. Part No.	Roll Dia.	Roll Face Lgth.	Overall Shaft Lgth.
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#### INK SYSTEM ROLLERS

<b>106-K</b>	•	—	<b>KIT</b> (five soft rubber ink rolls)	—	—	—	—
•10610	F1	F1	<b>INK FORM</b> (small)	I03-47-1A-6	2 <sup>1</sup> / <sub>32</sub>	11 <sup>19</sup> / <sub>32</sub>	12 <sup>15</sup> / <sub>16</sub>
•10611	F2	—	<b>INK FORM</b> (large)	I03-47-1B-6	2 <sup>3</sup> / <sub>8</sub>	11 <sup>19</sup> / <sub>32</sub>	12 <sup>15</sup> / <sub>16</sub>
10612	—	F3	<b>INK FORM</b> (large, gear driven)	G06-01-1A-6	2 <sup>3</sup> / <sub>8</sub>	11 <sup>19</sup> / <sub>32</sub>	12 <sup>23</sup> / <sub>32</sub>
10613	—	F1	<b>INK FORM</b> (gear driven)	G06-01-2A-6	2 <sup>1</sup> / <sub>16</sub>	11 <sup>19</sup> / <sub>32</sub>	12 <sup>23</sup> / <sub>32</sub>
•10620*	D	—	<b>INK DISTRIBUTOR</b> (large)	I03-44-02-6	1 <sup>1</sup> / <sub>8</sub>	11 <sup>9</sup> / <sub>16</sub>	15 <sup>3</sup> / <sub>4</sub>
10621*	D1	—	<b>INK DISTRIBUTOR</b> (small)	I03-44-01-6	7 <sup>7</sup> / <sub>8</sub>	11 <sup>9</sup> / <sub>16</sub>	15 <sup>3</sup> / <sub>4</sub>
10622*	—	D1	<b>INK DISTRIBUTOR</b> (60 color head only)	G07-60-1A-6	1 <sup>1</sup> / <sub>8</sub>	11 <sup>5</sup> / <sub>8</sub>	14 <sup>1</sup> / <sub>4</sub>
10623*	—	D2	<b>INK DISTRIBUTOR</b> (65 color head only)	4107-03001	1 <sup>1</sup> / <sub>8</sub>	11 <sup>15</sup> / <sub>32</sub>	13 <sup>29</sup> / <sub>32</sub>
•10630*	B	B	<b>INK DUCTOR</b>	I03-43-6	1 <sup>1</sup> / <sub>32</sub>	11 <sup>19</sup> / <sub>32</sub>	13 <sup>5</sup> / <sub>16</sub>
10631*	B	—	<b>INK DUCTOR</b> (600DW only)	4110-19426	1 <sup>1</sup> / <sub>32</sub>	11 <sup>11</sup> / <sub>16</sub>	13 <sup>5</sup> / <sub>16</sub>

#### MOLLETON WATER SYSTEM ROLLERS

10640	W	W	<b>WATER FORM</b>	R13-01-1B-6	1 <sup>15</sup> / <sub>16</sub>	12 <sup>5</sup> / <sub>16</sub>	12 <sup>23</sup> / <sub>32</sub>
10641	W	W	<b>3M WATER FORM</b> (3M sleeve #21014 <u>not</u> included)	R13-01-1C-6	2 <sup>1</sup> / <sub>8</sub>	12 <sup>5</sup> / <sub>16</sub>	12 <sup>23</sup> / <sub>32</sub>
10650*	S	S	<b>WATER DUCTOR</b>	R13-14-6	1 <sup>3</sup> / <sub>32</sub>	12 <sup>7</sup> / <sub>32</sub>	13 <sup>13</sup> / <sub>16</sub>

Syn-Tac Cat. No.	CD Only	Color Head	Description	Mfg. Part No.	Roll Dia.	Roll Face Lgth.	Overall Shaft Lgth.
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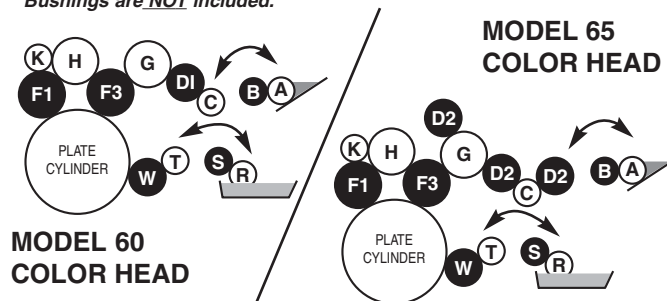
#### BAREBACK WATER SYSTEM ROLLERS

10642	W	W	<b>WATER FORM</b>	—	2 <sup>1</sup> / <sub>8</sub>	12 <sup>11</sup> / <sub>32</sub>	12 <sup>23</sup> / <sub>32</sub>
10652*	S	S	<b>WATER DUCTOR</b>	—	1 <sup>9</sup> / <sub>32</sub>	12 <sup>7</sup> / <sub>32</sub>	13 <sup>13</sup> / <sub>16</sub>
106855-R	T	—	<b>WATER OSCILLATOR</b> (hard rubber)	—	1 <sup>5</sup> / <sub>8</sub>	12 <sup>15</sup> / <sub>16</sub>	14 <sup>5</sup> / <sub>8</sub>
106856-R	—	T	<b>WATER OSCILLATOR</b> (hard rubber)	—	1 <sup>5</sup> / <sub>8</sub>	12 <sup>15</sup> / <sub>16</sub>	15
10655-S	R	—	<b>WATER FOUNTAIN</b> (smooth)	R13-18-0A-6	1 <sup>3</sup> / <sub>8</sub>	12 <sup>13</sup> / <sub>32</sub>	13 <sup>7</sup> / <sub>16</sub>

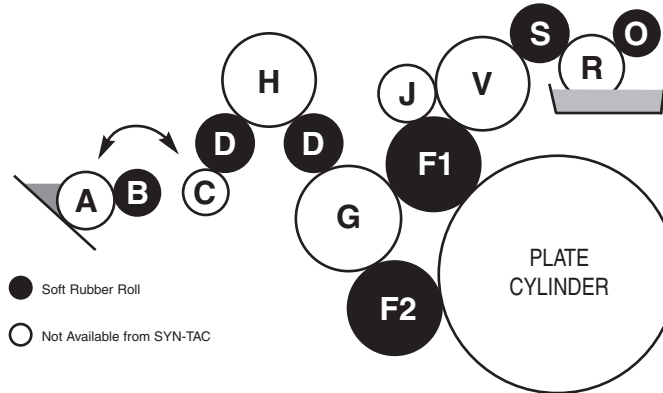
#### PULLOUT ROLL & BOTTLES

10669	—	—	<b>FEEDER PULLOUT ROLL</b>	HO4-35-1B-3	—	—	—
10649	—	—	<b>for HAMADA</b> (one-quart size)	—	—	—	—
10649-2	—	—	<b>for HAMADA</b> (two-quart size)	—	—	—	—
10660	—	—	<b>SEGMENTED FEED ROLL</b>	MO4-51-1A-6	1 <sup>1</sup> / <sub>8</sub>	9 <sup>5</sup> / <sub>16</sub>	14 <sup>1</sup> / <sub>4</sub>
10660-G	—	—	<b>GEAR</b> (for 10660)	—	—	—	—

- The ink train soft rubber roller kit includes these rolls.
- See page 15 for Crestline water unit rolls
- \* Bushings are NOT included.



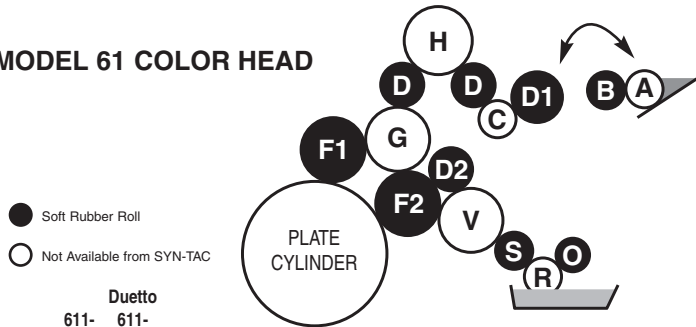
**HAMADA MODELS 611-CD, 611-XL, 611ECD,  
DUETTO & DUETTO II INTEGRATED SYSTEM**



		Duetto		Description	Mfg. Part No.	Roll Dia.	Roll Face Lgth.	Overall Shaft Lgth.
Syn-Tac Cat. No.	611-CD, XL	611-ECD						
<b>INK SYSTEM ROLLERS</b>								
10212	F1	—	—	INK FORM (small)	PC03-62-A	2 <sup>1</sup> / <sub>16</sub>	11 <sup>11</sup> / <sub>16</sub>	15 <sup>1</sup> / <sub>4</sub>
10213	F2	—	—	INK FORM (large)	PC03-63-A	2 <sup>3</sup> / <sub>8</sub>	11 <sup>11</sup> / <sub>16</sub>	15 <sup>1</sup> / <sub>4</sub>
10221*	D	—	—	INK DISTRIBUTOR (small)	CP03-02	1 <sup>3</sup> / <sub>32</sub>	11 <sup>29</sup> / <sub>32</sub>	15 <sup>27</sup> / <sub>32</sub>
10230*	B	—	—	INK DUCTOR	PC03-03	1 <sup>1</sup> / <sub>32</sub>	11 <sup>7</sup> / <sub>8</sub>	13 <sup>5</sup> / <sub>8</sub>
10212-L	—	F1	—	INK FORM (small)	5103-03002A	2 <sup>1</sup> / <sub>16</sub>	12 <sup>1</sup> / <sub>8</sub>	15 <sup>1</sup> / <sub>4</sub>
10213-L	—	F2	—	INK FORM (large)	5103-03001A	2 <sup>3</sup> / <sub>8</sub>	12 <sup>1</sup> / <sub>8</sub>	15 <sup>1</sup> / <sub>4</sub>
10221-L*	—	D	—	INK DISTRIBUTOR (small)	5103-03004	1 <sup>3</sup> / <sub>32</sub>	11 <sup>31</sup> / <sub>32</sub>	15 <sup>27</sup> / <sub>32</sub>
10230-L*	—	B	—	INK DUCTOR	5103-03006	1 <sup>1</sup> / <sub>32</sub>	11 <sup>31</sup> / <sub>32</sub>	13 <sup>5</sup> / <sub>8</sub>

<b>WATER SYSTEM ROLLERS</b>								
10251*	S	S	—	WATER METERING	CP18-69	1 <sup>5</sup> / <sub>8</sub>	12 <sup>11</sup> / <sub>16</sub>	15 <sup>9</sup> / <sub>32</sub>
10253*	O	O	—	WATER SQUEEGEE	CP18-23-A	1 <sup>3</sup> / <sub>16</sub>	13 <sup>5</sup> / <sub>32</sub>	15 <sup>29</sup> / <sub>32</sub>

**MODEL 61 COLOR HEAD**



		Duetto		Description	Mfg. Part No.	Roll Dia.	Roll Face Lgth.	Overall Shaft Lgth.
Syn-Tac Cat. No.	611-CD, XL	611-Color Head	Color Head					
<b>INK SYSTEM ROLLERS</b>								
10212	F1	—	—	INK FORM (small)	PC03-62-A	2 <sup>1</sup> / <sub>16</sub>	11 <sup>11</sup> / <sub>16</sub>	15 <sup>1</sup> / <sub>4</sub>
10213	F2	—	—	INK FORM (large)	PC03-63-A	2 <sup>3</sup> / <sub>8</sub>	11 <sup>11</sup> / <sub>16</sub>	15 <sup>1</sup> / <sub>4</sub>
10220*	D1	—	—	INK DISTRIBUTOR (large)	4807-03032	1 <sup>3</sup> / <sub>16</sub>	11 <sup>29</sup> / <sub>32</sub>	15 <sup>27</sup> / <sub>32</sub>
10221*	D	—	—	INK DISTRIBUTOR (small)	CP03-02	1 <sup>3</sup> / <sub>32</sub>	11 <sup>29</sup> / <sub>32</sub>	15 <sup>27</sup> / <sub>32</sub>
10230*	B	—	—	INK DUCTOR	PC03-03	1 <sup>1</sup> / <sub>32</sub>	11 <sup>7</sup> / <sub>8</sub>	13 <sup>5</sup> / <sub>8</sub>
10212-L	—	F1	—	INK FORM (small)	5103-03002A	2 <sup>1</sup> / <sub>16</sub>	12 <sup>1</sup> / <sub>8</sub>	15 <sup>1</sup> / <sub>4</sub>
10213-L	—	F2	—	INK FORM (large)	5103-03001A	2 <sup>3</sup> / <sub>8</sub>	12 <sup>1</sup> / <sub>8</sub>	15 <sup>1</sup> / <sub>4</sub>
10220-L*	—	D1	—	INK DISTRIBUTOR (large)	4807-03053	1 <sup>3</sup> / <sub>16</sub>	11 <sup>31</sup> / <sub>32</sub>	15 <sup>27</sup> / <sub>32</sub>
10221-L*	—	D	—	INK DISTRIBUTOR (small)	5103-03004	1 <sup>3</sup> / <sub>32</sub>	11 <sup>31</sup> / <sub>32</sub>	15 <sup>27</sup> / <sub>32</sub>
10222-L**	—	D2	—	INK DISTRIBUTOR (geared)	5103-18059	1 <sup>9</sup> / <sub>16</sub>	12 <sup>1</sup> / <sub>8</sub>	14 <sup>15</sup> / <sub>16</sub>
10230-L*	—	B	—	INK DUCTOR	5103-03006	1 <sup>1</sup> / <sub>32</sub>	11 <sup>31</sup> / <sub>32</sub>	13 <sup>5</sup> / <sub>8</sub>

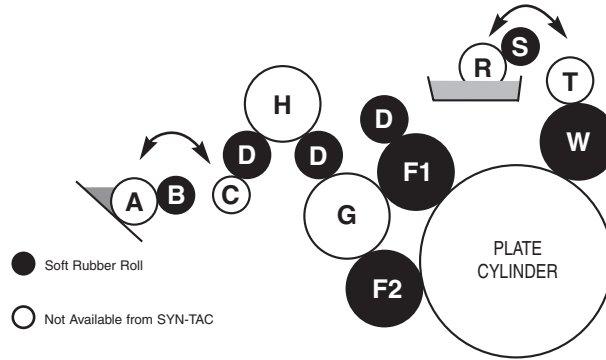
<b>WATER SYSTEM ROLLERS</b>								
10251*	S	S	—	WATER METERING	CP18-69	1 <sup>5</sup> / <sub>8</sub>	12 <sup>11</sup> / <sub>16</sub>	15 <sup>9</sup> / <sub>32</sub>
10253*	O	O	—	WATER SQUEEGEE	CP18-23-A	1 <sup>3</sup> / <sub>16</sub>	13 <sup>5</sup> / <sub>32</sub>	15 <sup>29</sup> / <sub>32</sub>

<b>BOTTLES</b>								
10649	—	—	—	for Hamada	—	—	—	—
10649-2	—	—	—	for Hamada (two-quart size)	—	—	—	—

\* Bushings are NOT included.

\*\* Bushings and gear are NOT included.

**HAMADA MODELS 612-CD, 612-XL, 612ECD,  
DUETTO & DUETTO II MOLLETON SYSTEMS**



Syn-Tac Cat. No.	612-CD, XL	612-ECD	Description	Mfg. Part No.	Roll Dia.	Roll Face Lgth.	Overall Shaft Lgth.
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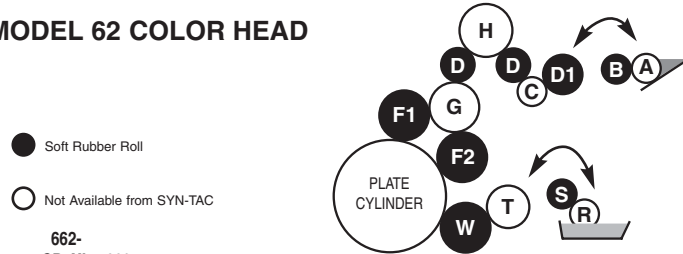
**INK SYSTEM ROLLERS**

10210	F1	—	INK FORM (small)	PC03-70A	2 <sup>1</sup> / <sub>16</sub>	11 <sup>11</sup> / <sub>16</sub>	15 <sup>1</sup> / <sub>4</sub>
10211	F2	—	INK FORM (large)	PC03-71A	2 <sup>3</sup> / <sub>8</sub>	11 <sup>11</sup> / <sub>16</sub>	15 <sup>1</sup> / <sub>4</sub>
10221*	D	—	INK DISTRIBUTOR (small)	CP03-02	1 <sup>3</sup> / <sub>32</sub>	11 <sup>29</sup> / <sub>32</sub>	15 <sup>27</sup> / <sub>32</sub>
10230*	B	—	INK DUCTOR	PC03-03	1 <sup>1</sup> / <sub>32</sub>	11 <sup>7</sup> / <sub>8</sub>	13 <sup>5</sup> / <sub>8</sub>
10210-L	—	F1	INK FORM (small)	5103-11077A	2 <sup>1</sup> / <sub>16</sub>	12 <sup>1</sup> / <sub>8</sub>	15 <sup>1</sup> / <sub>4</sub>
10211-L	—	F2	INK FORM (large)	5103-11078A	2 <sup>3</sup> / <sub>8</sub>	12 <sup>1</sup> / <sub>8</sub>	15 <sup>1</sup> / <sub>4</sub>
10221-L*	—	D	INK DISTRIBUTOR (small)	5103-03004	1 <sup>3</sup> / <sub>32</sub>	11 <sup>31</sup> / <sub>32</sub>	15 <sup>27</sup> / <sub>32</sub>
10230-L*	—	B	INK DUCTOR	5103-03006	1 <sup>1</sup> / <sub>32</sub>	11 <sup>31</sup> / <sub>32</sub>	13 <sup>5</sup> / <sub>8</sub>

**MOLLETON WATER SYSTEM ROLLERS**

10240	W	—	WATER FORM	PC11-26-A	1 <sup>31</sup> / <sub>32</sub>	13	14 <sup>1</sup> / <sub>32</sub>
10241	W	—	3M WATER FORM (3M sleeve #21014 <u>not</u> included)	—	2 <sup>1</sup> / <sub>8</sub>	13 <sup>3</sup> / <sub>16</sub>	14 <sup>1</sup> / <sub>32</sub>
10240-L	—	W	WATER FORM	5103-11090A	1 <sup>31</sup> / <sub>32</sub>	12 <sup>15</sup> / <sub>16</sub>	13 <sup>3</sup> / <sub>4</sub>
10250*	S	S	WATER DUCTOR	PC11-25	1 <sup>5</sup> / <sub>32</sub>	12 <sup>7</sup> / <sub>8</sub>	14 <sup>1</sup> / <sub>2</sub>

**MODEL 62 COLOR HEAD**



Syn-Tac Cat. No.	662-CD, XL	662-ECD Color	Description	Mfg. Part No.	Roll Dia.	Roll Face Lgth.	Overall Shaft Lgth.
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**INK SYSTEM ROLLERS**

10210	F1	—	INK FORM (small)	PC03-70A	2 <sup>1</sup> / <sub>16</sub>	11 <sup>11</sup> / <sub>16</sub>	15 <sup>1</sup> / <sub>4</sub>
10211	F2	—	INK FORM (large)	PC03-71A	2 <sup>3</sup> / <sub>8</sub>	11 <sup>11</sup> / <sub>16</sub>	15 <sup>1</sup> / <sub>4</sub>
10220*	D1	—	INK DISTRIBUTOR (large)	4807-03032	1 <sup>3</sup> / <sub>16</sub>	11 <sup>29</sup> / <sub>32</sub>	15 <sup>27</sup> / <sub>32</sub>
10221*	D	—	INK DISTRIBUTOR (small)	CP03-02	1 <sup>3</sup> / <sub>32</sub>	11 <sup>29</sup> / <sub>32</sub>	15 <sup>27</sup> / <sub>32</sub>
10230*	B	—	INK DUCTOR	PC03-03	1 <sup>1</sup> / <sub>32</sub>	11 <sup>7</sup> / <sub>8</sub>	13 <sup>5</sup> / <sub>8</sub>
10210-L	—	F1	INK FORM (small)	5103-11077A	2 <sup>1</sup> / <sub>16</sub>	12 <sup>1</sup> / <sub>8</sub>	15 <sup>1</sup> / <sub>4</sub>
10211-L	—	F2	INK FORM (large)	5103-11078A	2 <sup>3</sup> / <sub>8</sub>	12 <sup>1</sup> / <sub>8</sub>	15 <sup>1</sup> / <sub>4</sub>
10220-L*	—	D1	INK DISTRIBUTOR (large)	4807-03053	1 <sup>3</sup> / <sub>16</sub>	11 <sup>31</sup> / <sub>32</sub>	15 <sup>27</sup> / <sub>32</sub>
10221-L*	—	D	INK DISTRIBUTOR (small)	5103-03004	1 <sup>3</sup> / <sub>32</sub>	11 <sup>31</sup> / <sub>32</sub>	15 <sup>27</sup> / <sub>32</sub>
10230-L*	—	B	INK DUCTOR	5103-03006	1 <sup>1</sup> / <sub>32</sub>	11 <sup>31</sup> / <sub>32</sub>	13 <sup>5</sup> / <sub>8</sub>

**MOLLETON WATER SYSTEM ROLLERS**

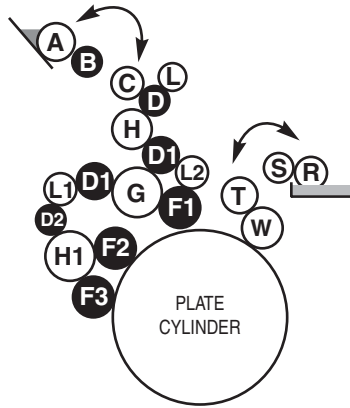
10240	W	—	WATER FORM	PC11-26-A	1 <sup>31</sup> / <sub>32</sub>	13	14 <sup>1</sup> / <sub>32</sub>
10241	W	—	3M WATER FORM (3M sleeve #21014 <u>not</u> included)	—	2 <sup>1</sup> / <sub>8</sub>	13 <sup>3</sup> / <sub>16</sub>	14 <sup>1</sup> / <sub>32</sub>
10240-L	—	W	WATER FORM	5103-11090A	1 <sup>31</sup> / <sub>32</sub>	12 <sup>15</sup> / <sub>16</sub>	13 <sup>3</sup> / <sub>4</sub>
10250*	S	S	WATER DUCTOR	PC11-25	1 <sup>5</sup> / <sub>32</sub>	12 <sup>7</sup> / <sub>8</sub>	14 <sup>1</sup> / <sub>2</sub>

**BOTTLES**

10649	—	—	for HAMADA	—	—	—	—
10649-2	—	—	for HAMADA (two-quart size)	—	—	—	—

\* Bushings are NOT included.

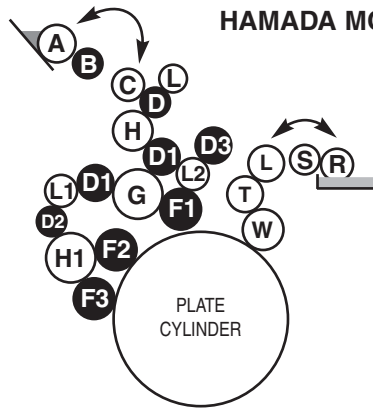
### HAMADA MODEL H234-E



● Soft Rubber Roll      ○ Not Available from SYN-TAC

Syn-Tac Cat. No.	Key	Description	Mfg. Part No.	Roll Dia.	Roll Face Lgth.	Overall Shaft Lgth.
<b>MODEL H234-E</b>						
<b>INK SYSTEM ROLLERS</b>						
<b>234H-K</b>	•	<b>KIT</b> (eight soft rubber ink rolls)	—	—	—	—
•234HA10	F1	<b>INK FORM</b> (small)	7403-03007A	2	12 <sup>11</sup> / <sub>16</sub>	14 <sup>9</sup> / <sub>32</sub>
•234HA11	F2	<b>INK FORM</b> (medium)	7403-03008A	2 <sup>5</sup> / <sub>32</sub>	12 <sup>11</sup> / <sub>16</sub>	14 <sup>9</sup> / <sub>32</sub>
•234HA12	F3	<b>INK FORM</b> (large)	7403-03009A	2 <sup>7</sup> / <sub>32</sub>	12 <sup>11</sup> / <sub>16</sub>	14 <sup>9</sup> / <sub>32</sub>
•234HA20	D	<b>INK DISTRIBUTOR</b> (small)	7403-04008A	1 <sup>23</sup> / <sub>32</sub>	12 <sup>11</sup> / <sub>16</sub>	14 <sup>3</sup> / <sub>4</sub>
•234HA21	D1	<b>INK DISTRIBUTOR</b> (large)	7403-04006A	2 <sup>1</sup> / <sub>16</sub>	12 <sup>11</sup> / <sub>16</sub>	14 <sup>3</sup> / <sub>4</sub>
•234HA22	D2	<b>INK DISTRIBUTOR</b> (medium)	7403-04007A	1 <sup>29</sup> / <sub>32</sub>	12 <sup>11</sup> / <sub>16</sub>	14 <sup>3</sup> / <sub>4</sub>
•234HA30	B	<b>INK DUCTOR</b>	7403-06001A	1 <sup>9</sup> / <sub>32</sub>	12 <sup>11</sup> / <sub>16</sub>	15 <sup>17</sup> / <sub>32</sub>
234HA18*	—	<b>BLANKET WASH ROLLER</b>	6803-09035	1 <sup>19</sup> / <sub>32</sub>	13 <sup>3</sup> / <sub>8</sub>	15 <sup>11</sup> / <sub>16</sub>

### HAMADA MODEL H234-C



● Soft Rubber Roll      ○ Not Available from SYN-TAC

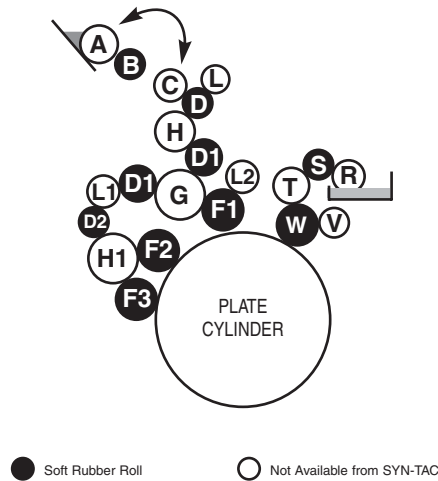
<b>MODEL H234-C</b>						
<b>INK SYSTEM ROLLERS</b>						
234HA10	F1	<b>INK FORM</b> (small)	7403-03007A	2	12 <sup>11</sup> / <sub>16</sub>	14 <sup>9</sup> / <sub>32</sub>
234HA11	F2	<b>INK FORM</b> (medium)	7403-03008A	2 <sup>5</sup> / <sub>32</sub>	12 <sup>11</sup> / <sub>16</sub>	14 <sup>9</sup> / <sub>32</sub>
234HA12	F3	<b>INK FORM</b> (large)	7403-03009A	2 <sup>7</sup> / <sub>32</sub>	12 <sup>11</sup> / <sub>16</sub>	14 <sup>9</sup> / <sub>32</sub>
234HA20	D	<b>INK DISTRIBUTOR</b> (small)	7403-04008A	1 <sup>23</sup> / <sub>32</sub>	12 <sup>11</sup> / <sub>16</sub>	14 <sup>3</sup> / <sub>4</sub>
234HA21	D1	<b>INK DISTRIBUTOR</b> (large)	7403-04006A	2 <sup>1</sup> / <sub>16</sub>	12 <sup>11</sup> / <sub>16</sub>	14 <sup>3</sup> / <sub>4</sub>
234HA22	D2	<b>INK DISTRIBUTOR</b> (medium)	7403-04007A	1 <sup>29</sup> / <sub>32</sub>	12 <sup>11</sup> / <sub>16</sub>	14 <sup>3</sup> / <sub>4</sub>
234HA30	B	<b>INK DUCTOR</b>	7403-06001A	1 <sup>9</sup> / <sub>32</sub>	12 <sup>11</sup> / <sub>16</sub>	15 <sup>17</sup> / <sub>32</sub>
234HA51	D3	<b>BRIDGE ROLLER</b>	7403-20017A	1 <sup>9</sup> / <sub>32</sub>	12 <sup>9</sup> / <sub>16</sub>	16 <sup>1</sup> / <sub>2</sub>
234HA18*	—	<b>BLANKET WASH ROLLER</b>	6803-09035	1 <sup>19</sup> / <sub>32</sub>	13 <sup>3</sup> / <sub>8</sub>	15 <sup>11</sup> / <sub>16</sub>

• The ink train soft rubber roller kit includes these rolls

See page 16 for Crestline water unit rolls

\* Bushings are NOT included.

## HAMADA MODEL H234-A



Syn-Tac Cat. No.	Key	Description	Mfg. Part No.	Roll Dia.	Roll Face Lgth.	Overall Shaft Lgth.
<b>MODEL H234-A</b>						
<b>INK SYSTEM ROLLERS</b>						
234HA14	F1	INK FORM (small)	8203-03005	1 <sup>31</sup> / <sub>32</sub>	13 <sup>7</sup> / <sub>32</sub>	14 <sup>1</sup> / <sub>4</sub>
234HA15	F2	INK FORM (medium)	8203-03006	2 <sup>1</sup> / <sub>16</sub>	13 <sup>7</sup> / <sub>32</sub>	14 <sup>1</sup> / <sub>4</sub>
234HA16	F3	INK FORM (large)	8203-03007	2 <sup>7</sup> / <sub>32</sub>	13 <sup>7</sup> / <sub>32</sub>	14 <sup>1</sup> / <sub>4</sub>
234HA26	D	INK DISTRIBUTOR (small)	8203-04006	1 <sup>23</sup> / <sub>32</sub>	13 <sup>1</sup> / <sub>2</sub>	15 <sup>9</sup> / <sub>32</sub>
234HA27	D1	INK DISTRIBUTOR (large)	8203-04008	2 <sup>1</sup> / <sub>16</sub>	13 <sup>1</sup> / <sub>2</sub>	15 <sup>9</sup> / <sub>32</sub>
234HA28	D2	INK DISTRIBUTOR (medium)	8203-04007	1 <sup>29</sup> / <sub>32</sub>	13 <sup>1</sup> / <sub>2</sub>	15 <sup>9</sup> / <sub>32</sub>
234HA31	B	INK DUCTOR	8203-06001	1 <sup>9</sup> / <sub>32</sub>	13 <sup>7</sup> / <sub>32</sub>	15 <sup>17</sup> / <sub>32</sub>
234HA19*	—	BLANKET WASH ROLLER	8203-09001	1 <sup>17</sup> / <sub>32</sub>	13 <sup>7</sup> / <sub>8</sub>	16 <sup>5</sup> / <sub>32</sub>
<b>WATER SYSTEM ROLLERS</b>						
234HA43P	W	WATER FORM	8203-13004	2 <sup>5</sup> / <sub>32</sub>	13 <sup>9</sup> / <sub>32</sub>	16 <sup>5</sup> / <sub>16</sub>
234HA53P	S	WATER METERING	8203-13003	1 <sup>21</sup> / <sub>32</sub>	15 <sup>3</sup> / <sub>8</sub>	17 <sup>3</sup> / <sub>8</sub>

\* Bushings are NOT included.

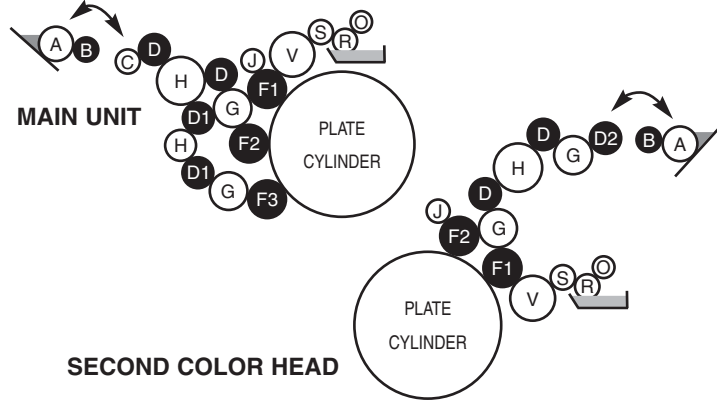
### CARE CHEMICAL TIP:

Here is a safe and easy way to remove calcium carbonate glaze from your rollers:

Wash all ink from the rollers with **X75-122** followed with **X75-123**. Disengage the clean-up attachment and pour **X75-111** deglazer over the rollers. Let the press run for five to ten minutes, adding more of the **X75-111** as needed. Engage the clean-up attachment to remove all of the **X75-111**.

Remember: the amount of **X75-111** needed will depend on the amount of alkaline build-up. The alkaline will neutralize the **X75-111** as the calcium carbonate is dissolved.

**HAMADA MODELS RS34-S & VS34-S  
(integrated system)**



● Soft Rubber Roll      ○ Not Available from SYN-TAC

Syn-Tac Cat. No.	RS, VS 34-S & Color 34-M Heads	Both Color Heads	Description	Mfg. Part No.	Roll Dia.	Roll Face Lgth.	Overall Shaft Lgth.
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**INK SYSTEM ROLLERS RS/VS34-S & RS/VS34-M**

10310	F1	F1	INK FORM (small)	6803-03001A	2 <sup>1</sup> / <sub>16</sub>	12 <sup>11</sup> / <sub>16</sub>	14 <sup>9</sup> / <sub>16</sub>
10311	F2	F2	INK FORM (medium)	6803-03002A	2 <sup>1</sup> / <sub>8</sub>	12 <sup>11</sup> / <sub>16</sub>	14 <sup>9</sup> / <sub>16</sub>
10312	F3	—	INK FORM (large)	6903-03001	2 <sup>7</sup> / <sub>32</sub>	12 <sup>11</sup> / <sub>16</sub>	14 <sup>9</sup> / <sub>16</sub>
10320*	D	D	INK DISTRIBUTOR (medium)	6803-04005	1 <sup>7</sup> / <sub>16</sub>	12 <sup>11</sup> / <sub>16</sub>	15 <sup>5</sup> / <sub>16</sub>
10321	D1	—	INK DISTRIBUTOR (large)	6903-04001	1 <sup>21</sup> / <sub>32</sub>	12 <sup>11</sup> / <sub>16</sub>	12 <sup>27</sup> / <sub>32</sub>
10322*	—	D2	INK DISTRIBUTOR (small)	6907-03002	1 <sup>1</sup> / <sub>8</sub>	12 <sup>11</sup> / <sub>16</sub>	16 <sup>15</sup> / <sub>32</sub>
10330	B	B	INK DUCTOR	6803-06001	1 <sup>9</sup> / <sub>32</sub>	12 <sup>11</sup> / <sub>16</sub>	14 <sup>1</sup> / <sub>32</sub>

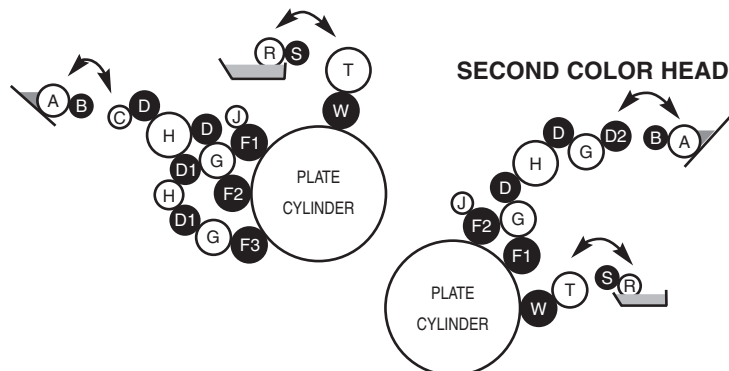
**WATER SYSTEM ROLLERS RS34-M & VS34-M ONLY**

10340	W	W	WATER FORM	6803-12013	1 <sup>7</sup> / <sub>8</sub>	13 <sup>3</sup> / <sub>8</sub>	14 <sup>3</sup> / <sub>8</sub>
10341	W	W	3M WATER FORM (3M sleeve #20514 <u>not</u> included)	6803-12066A	2 <sup>1</sup> / <sub>16</sub>	13 <sup>3</sup> / <sub>8</sub>	14 <sup>3</sup> / <sub>8</sub>
10350	S	S	WATER DUCTOR	6803-12001	1 <sup>1</sup> / <sub>8</sub>	13 <sup>11</sup> / <sub>32</sub>	14 <sup>1</sup> / <sub>32</sub>

**BOTTLES**

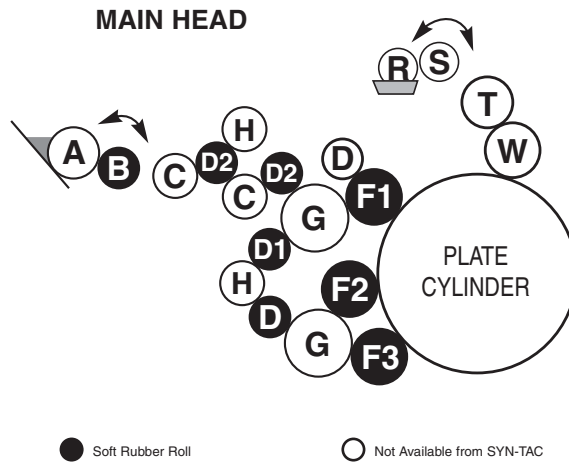
10649	—	—	for HAMADA	—	—	—	—
10649-2	—	—	for HAMADA (two-quart size)	—	—	—	—

**HAMADA MODELS RS34-M & VS34-M  
(molleton system)**



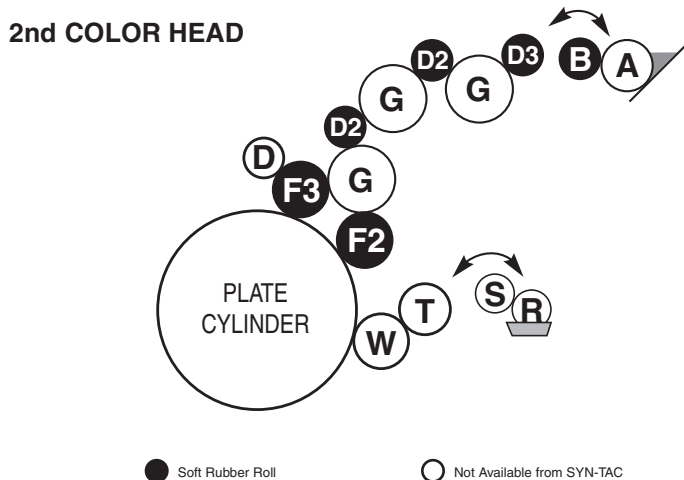
\*Bushings are **NOT** included.  
See page 15 or 16 for Crestline water unit rolls.

**HAMADA MODELS RS34II, RS34LII, RS34LSII, VS34II, VS34LII, VS34LSII**



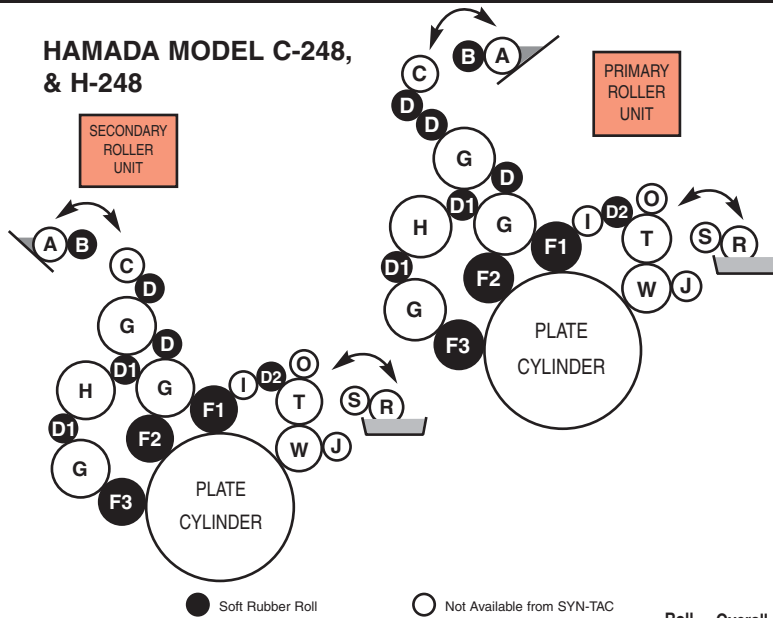
Syn-Tac Cat. No.	MAIN HEAD	2nd HEAD	Description	Mfg. Part No.	Roll Dia.	Roll Face Lgth.	Overall Shaft Lgth.
<b>INK SYSTEM ROLLERS</b>							
234HA10	F1	—	1st FORM	7403-03007A	2	12 <sup>11</sup> / <sub>16</sub>	14 <sup>9</sup> / <sub>32</sub>
234HA11	F2	F2	2nd FORM (main head), 1ST FORM (color head)	7403-03008A	2 <sup>5</sup> / <sub>32</sub>	12 <sup>11</sup> / <sub>16</sub>	14 <sup>9</sup> / <sub>32</sub>
234HA13	F3	F3	3rd FORM (main head), 2nd FORM (color head)	7503-03009A	2 <sup>19</sup> / <sub>32</sub>	12 <sup>11</sup> / <sub>16</sub>	14 <sup>9</sup> / <sub>32</sub>
234HA20	D	—	INK DISTRIBUTOR	7403-04008A	1 <sup>23</sup> / <sub>32</sub>	12 <sup>11</sup> / <sub>16</sub>	14 <sup>3</sup> / <sub>4</sub>
234HA21	D1	—	INK DISTRIBUTOR	7403-04006A	2 <sup>1</sup> / <sub>16</sub>	12 <sup>11</sup> / <sub>16</sub>	14 <sup>3</sup> / <sub>4</sub>
234HA23*	D2	D2	INK DISTRIBUTOR	6803-04005	1 <sup>7</sup> / <sub>16</sub>	12 <sup>11</sup> / <sub>16</sub>	15 <sup>5</sup> / <sub>16</sub>
234HA24	—	D3	INK DISTRIBUTOR	6907-03002A	1 <sup>1</sup> / <sub>8</sub>	12 <sup>11</sup> / <sub>16</sub>	16 <sup>15</sup> / <sub>32</sub>
234HA30	B	B	INK DUCTOR	7403-06001	1 <sup>9</sup> / <sub>32</sub>	12 <sup>11</sup> / <sub>16</sub>	15 <sup>17</sup> / <sub>32</sub>
234HA18*	—	—	BLANKET WASH	6803-09035	1 <sup>19</sup> / <sub>32</sub>	13 <sup>3</sup> / <sub>8</sub>	15 <sup>11</sup> / <sub>16</sub>

\* Bushings are NOT included.





**HAMADA MODEL C-248,  
& H-248**



Syn-Tac Cat. No.	Key	Description	Mfg. Part No.	Roll Dia.	Roll Face Lgth.	Overall Shaft Lgth.
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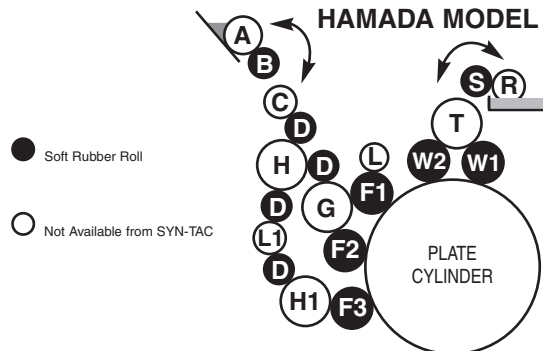
**HAMADA C-248 & H-248**

**INK SYSTEM ROLLERS**

10410	F1	INK FORM (small)	7203-03001A	2 <sup>1</sup> / <sub>16</sub>	18 <sup>1</sup> / <sub>2</sub>	20 <sup>7</sup> / <sub>8</sub>
10411	F2	INK FORM (medium)	7203-03002A	2 <sup>1</sup> / <sub>8</sub>	18 <sup>1</sup> / <sub>2</sub>	20 <sup>7</sup> / <sub>8</sub>
10412	F3	INK FORM (large)	7203-03003A	2 <sup>7</sup> / <sub>32</sub>	18 <sup>1</sup> / <sub>2</sub>	20 <sup>7</sup> / <sub>8</sub>
10420	D	INK IDLER (small)	7203-04007	1 <sup>7</sup> / <sub>16</sub>	18 <sup>1</sup> / <sub>2</sub>	18 <sup>21</sup> / <sub>32</sub>
10421	D1	INK IDLER (large) (for presses with serial numbers lower than CT-3B117)	7203-04005	1 <sup>21</sup> / <sub>32</sub>	18 <sup>1</sup> / <sub>2</sub>	18 <sup>21</sup> / <sub>32</sub>
10422	D1	INK IDLER (larger) (for presses with serial number CT-3B117 and higher)	7203-04042	1 <sup>25</sup> / <sub>32</sub>	18 <sup>1</sup> / <sub>2</sub>	18 <sup>21</sup> / <sub>32</sub>
10430	B	INK DUCTOR	7203-06001	1 <sup>9</sup> / <sub>32</sub>	18 <sup>1</sup> / <sub>2</sub>	19 <sup>17</sup> / <sub>32</sub>
10451	D2	INK IDLER (bridge)	7203-16401A	1 <sup>3</sup> / <sub>16</sub>	18 <sup>1</sup> / <sub>2</sub>	20 <sup>3</sup> / <sub>8</sub>

See page 16 for Crestline water unit rolls.

**HAMADA MODEL C-252 & H252**



**HAMADA C-252 & H252**

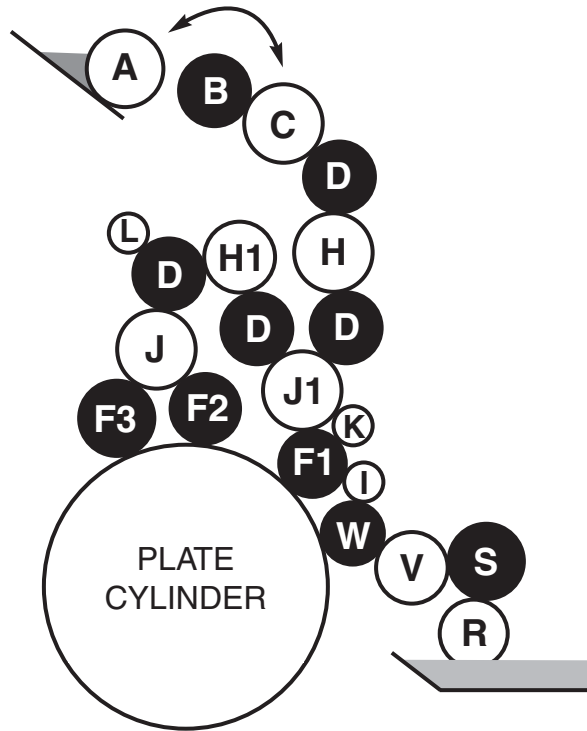
**INK SYSTEM ROLLERS**

10710	F1	INK FORM (small)	7303-03001	1 <sup>13</sup> / <sub>16</sub>	20 <sup>3</sup> / <sub>32</sub>	22 <sup>7</sup> / <sub>16</sub>
10711	F2	INK FORM (medium)	7303-03002	1 <sup>31</sup> / <sub>32</sub>	20 <sup>3</sup> / <sub>32</sub>	22 <sup>7</sup> / <sub>16</sub>
10712	F3	INK FORM (large)	7303-03003	2 <sup>1</sup> / <sub>16</sub>	20 <sup>3</sup> / <sub>32</sub>	22 <sup>7</sup> / <sub>16</sub>
10720	D	INK IDLER	7303-04003	1 <sup>21</sup> / <sub>32</sub>	20 <sup>3</sup> / <sub>32</sub>	21 <sup>1</sup> / <sub>2</sub>
10730	B	INK DUCTOR	7303-06001	1 <sup>7</sup> / <sub>16</sub>	20 <sup>3</sup> / <sub>32</sub>	21 <sup>9</sup> / <sub>32</sub>

**WATER SYSTEM ROLLERS**

10740	W1	1st WATER FORM	7303-12061	1 <sup>11</sup> / <sub>16</sub>	20 <sup>7</sup> / <sub>8</sub>	22 <sup>15</sup> / <sub>16</sub>
10741	W2	2nd WATER FORM	7303-12062	1 <sup>3</sup> / <sub>4</sub>	20 <sup>7</sup> / <sub>8</sub>	22 <sup>15</sup> / <sub>16</sub>
10742	W1	1st 3M WATER FORM (3M sleeve #18522 not included)	7303-12084	1 <sup>7</sup> / <sub>8</sub>	20 <sup>7</sup> / <sub>8</sub>	22 <sup>15</sup> / <sub>16</sub>
10743	W2	2nd 3M WATER FORM (3M sleeve #18822 not included)	7303-12085	1 <sup>29</sup> / <sub>32</sub>	20 <sup>7</sup> / <sub>8</sub>	22 <sup>15</sup> / <sub>16</sub>
10750	S	WATER DUCTOR	7303-12055A	1 <sup>9</sup> / <sub>32</sub>	20 <sup>25</sup> / <sub>32</sub>	22 <sup>1</sup> / <sub>16</sub>

**HAMADA MODEL B252 B452 & B452A  
INTEGRATED SYSTEMS**



● Soft Rubber Roll

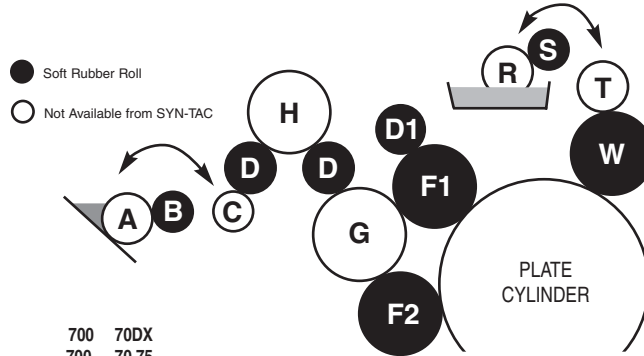
○ Not Available from SYN-TAC

Syn-Tac Cat. No.	Key	Description	Mfg. Part No.	Roll Dia.	Roll Face Lgth.	Overall Shaft Lgth.
<b>INK SYSTEM ROLLERS</b>						
452HA10PF*	F1	INK FORM (small oscillating shell)	7803-03055	1 <sup>15</sup> / <sub>16</sub>	20 <sup>1</sup> / <sub>4</sub>	—
452HA11	F2	INK FORM (medium)	7803-03011	2	20 <sup>13</sup> / <sub>32</sub>	22 <sup>15</sup> / <sub>16</sub>
452HA12	F3	INK FORM (large)	7803-03012	2 <sup>3</sup> / <sub>16</sub>	20 <sup>13</sup> / <sub>32</sub>	24 <sup>1</sup> / <sub>32</sub>
452HA13PF*	F3	INK FORM (large oscillating shell)	7803-03068	2 <sup>3</sup> / <sub>16</sub>	20 <sup>1</sup> / <sub>4</sub>	—
452HA20	D	INK DISTRIBUTOR	7803-04019	2 <sup>1</sup> / <sub>16</sub>	20 <sup>3</sup> / <sub>32</sub>	25 <sup>3</sup> / <sub>16</sub>
452HA30	B	INK DUCTOR	52R03-12	2 <sup>1</sup> / <sub>16</sub>	20 <sup>1</sup> / <sub>16</sub>	21 <sup>31</sup> / <sub>32</sub>
452HA18*	—	BLANKET WASH ROLLER	7803-09007	1 <sup>19</sup> / <sub>32</sub>	20 <sup>23</sup> / <sub>32</sub>	23 <sup>3</sup> / <sub>32</sub>
<b>WATER SYSTEM ROLLERS</b>						
452HA40	W	WATER FORM	7803-13037	1 <sup>13</sup> / <sub>16</sub>	20 <sup>7</sup> / <sub>16</sub>	24 <sup>9</sup> / <sub>16</sub>
452HA51P	S	WATER METERING	7803-13027	2 <sup>3</sup> / <sub>16</sub>	22 <sup>7</sup> / <sub>32</sub>	24 <sup>9</sup> / <sub>16</sub>

\* Bushings and, or Bearings are **NOT** included.

HERE'S A TIP ... Rest your blanket often. Keep spare **SYN-TAC** blankets on hand. If the surface is not cut or broken but there are low spots, try soaking the blanket overnight in water. Hang it up for a thorough drying before using it again. The low spots are gone.

### HAMADA MODELS 700, 700DX, 700-CD, 700-CDX & E-47



Syn-Tac Cat. No.	700 700- CD CDX E-47	70DX 70,75 E7S Color Head	Description	Mfg. Part No.	Roll Dia.	Roll Face Lgth.	Overall Shaft Lgth.
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#### INK SYSTEM ROLLERS

*10110	F1	F1	INK FORM (small)	I03-47-1A-7	2 <sup>1</sup> / <sub>16</sub>	18	19 <sup>15</sup> / <sub>32</sub>
*10111	F2	—	INK FORM (large)	I03-47-1B-7	2 <sup>3</sup> / <sub>8</sub>	18	19 <sup>15</sup> / <sub>32</sub>
*10112	—	—	INK FORM (medium)	I23-50-1A-7	2 <sup>3</sup> / <sub>16</sub>	18	19 <sup>15</sup> / <sub>32</sub>
10113	—	F3	INK FORM (large) gear driven	G06-01-1A-7	2 <sup>3</sup> / <sub>8</sub>	18	19 <sup>1</sup> / <sub>16</sub>
10114	—	F1	INK FORM (small) gear driven	G06-01-2A-7	2 <sup>1</sup> / <sub>16</sub>	18	19 <sup>1</sup> / <sub>16</sub>
*10120*	D	—	INK DISTRIBUTOR (large)	I03-44-1A-7	1 <sup>1</sup> / <sub>8</sub>	18 <sup>1</sup> / <sub>4</sub>	22 <sup>5</sup> / <sub>16</sub>
10121*	D1	—	INK DISTRIBUTOR (small)	I03-44-1B-7	7 <sup>1</sup> / <sub>8</sub>	18 <sup>1</sup> / <sub>4</sub>	22 <sup>5</sup> / <sub>16</sub>
*10122*	—	—	INK INTERMEDIATE ROLL	I24-19-1A-7	17 <sup>1</sup> / <sub>16</sub>	18 <sup>1</sup> / <sub>8</sub>	19 <sup>21</sup> / <sub>32</sub>
*10123*	—	—	INK IDLING DISTRIBUTOR	I24-54-1A-7	1 <sup>9</sup> / <sub>16</sub>	18 <sup>5</sup> / <sub>32</sub>	20 <sup>9</sup> / <sub>16</sub>
10124-A*	—	D2	INK DISTRIBUTOR (old style)	S-27-61-7	1 <sup>1</sup> / <sub>8</sub>	18 <sup>3</sup> / <sub>8</sub>	21 <sup>1</sup> / <sub>8</sub>
10124-B*	—	D2	INK DISTRIBUTOR (old style)	G07-56-1A-7	1 <sup>19</sup> / <sub>32</sub>	18 <sup>5</sup> / <sub>32</sub>	20 <sup>1</sup> / <sub>4</sub>
10125*	—	D2	INK DISTRIBUTOR (new style)	G07-73-1A-7	1 <sup>1</sup> / <sub>8</sub>	18 <sup>3</sup> / <sub>32</sub>	20 <sup>7</sup> / <sub>16</sub>
*10130*	B	B	INK DUCTOR	I03-43-7	1 <sup>1</sup> / <sub>32</sub>	18 <sup>1</sup> / <sub>4</sub>	19 <sup>27</sup> / <sub>32</sub>

#### MOLLETON WATER SYSTEM ROLLERS

*10140	W	W	WATER FORM	R03-01-1A-7	1 <sup>3</sup> / <sub>32</sub>	18 <sup>3</sup> / <sub>4</sub>	19 <sup>1</sup> / <sub>4</sub>
*10141	W	W	3M WATER FORM (3M sleeve #21019 <u>not</u> included)	R03-01-1C-7	2 <sup>1</sup> / <sub>8</sub>	18 <sup>3</sup> / <sub>4</sub>	19 <sup>1</sup> / <sub>4</sub>
10150*	S	S	WATER METERING ROLL	—	1 <sup>3</sup> / <sub>16</sub>	18 <sup>3</sup> / <sub>4</sub>	19 <sup>29</sup> / <sub>32</sub>
*10151*	S	S	WATER DUCTOR	R13-14-7	1 <sup>1</sup> / <sub>16</sub>	18 <sup>29</sup> / <sub>32</sub>	20 <sup>3</sup> / <sub>8</sub>

Syn-Tac Cat. No.	700 700- CD CDX E-47	75 E7S Color Only	Description	Mfg. Part No.	Roll Dia.	Roll Face Lgth.	Overall Shaft Lgth.
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#### BAREBACK WATER SYSTEM ROLLERS

10142	W	W	WATER FORM	—	2 <sup>1</sup> / <sub>8</sub>	18 <sup>3</sup> / <sub>4</sub>	19 <sup>1</sup> / <sub>4</sub>
10152*	S	S	WATER DUCTOR	—	1 <sup>9</sup> / <sub>32</sub>	18 <sup>29</sup> / <sub>32</sub>	20 <sup>3</sup> / <sub>8</sub>
101855-R	T	—	WATER OSCILLATOR (hard rubber)	—	1 <sup>5</sup> / <sub>8</sub>	19 <sup>7</sup> / <sub>16</sub>	21 <sup>3</sup> / <sub>16</sub>
101856-R	—	T	WATER OSCILLATOR (hard rubber)	—	1 <sup>5</sup> / <sub>8</sub>	19 <sup>7</sup> / <sub>16</sub>	21 <sup>1</sup> / <sub>2</sub>

#### BOTTLES

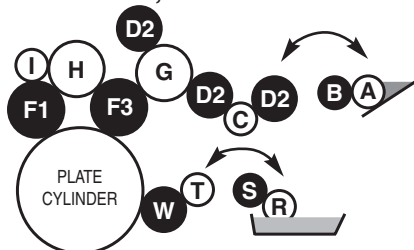
10649	—	—	for HAMADA	—	—	—	—
10649-2	—	—	for HAMADA (two-quart size)	—	—	—	—

\* Bushings are NOT included.

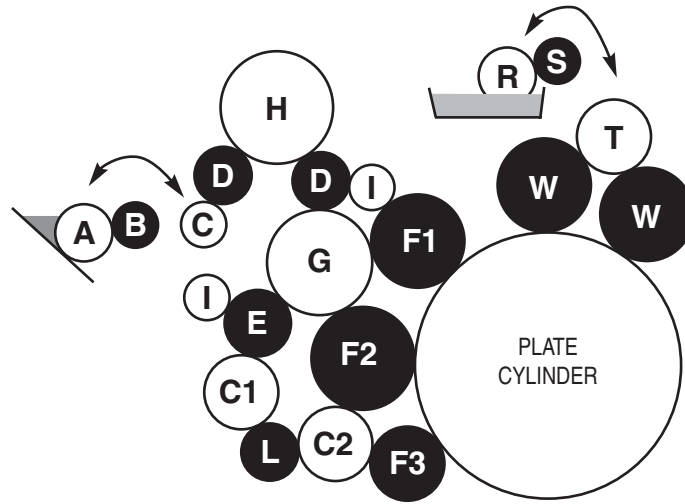
See page 15 and 16 for Crestline water unit rolls.

\* Indicates rolls used on the 700DX main head. This head needs two of 10120 and one of all other indicated rollers.

### HAMADA MODEL 70DX, 70 75 & E7S COLOR HEAD



**HAMADA MODELS 800-DX, 800-SX & 800-CDX**

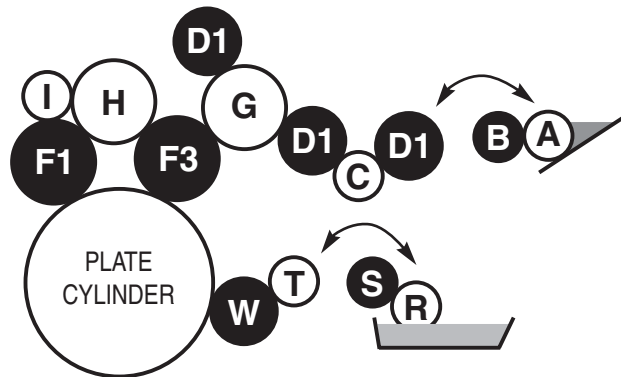


● Soft Rubber Roll      ○ Not Available from SYN-TAC

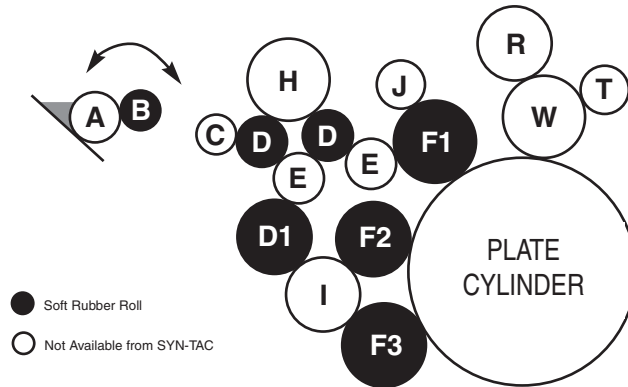
Syn-Tac Cat. No.	80,85 Color Head	Description	Mfg. Part No.	Roll Dia.	Face Lgth.	Overall Shaft Lgth.
<b>INK SYSTEM ROLLERS</b>						
10810	F1	F1 INK FORM (small)	I23-50-1A-8	2 <sup>1</sup> / <sub>16</sub>	20 <sup>5</sup> / <sub>32</sub>	21 <sup>3</sup> / <sub>4</sub>
10811	F2	F2 INK FORM (large)	I23-50-1B-8	2 <sup>3</sup> / <sub>8</sub>	20 <sup>5</sup> / <sub>32</sub>	21 <sup>3</sup> / <sub>4</sub>
10812	F3	F3 INK FORM (medium) gear driven	I23-50-1C-8	2 <sup>3</sup> / <sub>16</sub>	20 <sup>1</sup> / <sub>8</sub>	22 <sup>5</sup> / <sub>32</sub>
10813	—	F3 INK FORM (large) gear driven	G26-01-1A-8	2 <sup>3</sup> / <sub>8</sub>	20 <sup>5</sup> / <sub>32</sub>	21 <sup>9</sup> / <sub>16</sub>
10814	—	F1 INK FORM (small) gear driven	G26-01-2A-8	2 <sup>1</sup> / <sub>16</sub>	20 <sup>5</sup> / <sub>32</sub>	21 <sup>9</sup> / <sub>16</sub>
10820*	D	D INK DISTRIBUTOR	I24-83-1A-8	1 <sup>1</sup> / <sub>8</sub>	20 <sup>1</sup> / <sub>2</sub>	24 <sup>19</sup> / <sub>32</sub>
10821*	E	E INK INTERMEDIATE ROLL	I24-19-1A-8	1 <sup>7</sup> / <sub>16</sub>	20 <sup>11</sup> / <sub>32</sub>	21 <sup>31</sup> / <sub>32</sub>
10822*	L	L INK IDLING DISTRIBUTOR	I24-54-1A-8	1 <sup>9</sup> / <sub>32</sub>	20 <sup>13</sup> / <sub>32</sub>	22 <sup>29</sup> / <sub>32</sub>
10823*	—	D1 INK DISTRIBUTOR (old style)	G27-56-8	1 <sup>9</sup> / <sub>32</sub>	20 <sup>13</sup> / <sub>32</sub>	22 <sup>21</sup> / <sub>32</sub>
10824*	—	D1 INK DISTRIBUTOR	G27-73-1A-8	1 <sup>1</sup> / <sub>8</sub>	20 <sup>3</sup> / <sub>16</sub>	22 <sup>3</sup> / <sub>4</sub>
10830*	B	B INK DUCTOR	I24-82-8	1 <sup>1</sup> / <sub>16</sub>	20 <sup>13</sup> / <sub>32</sub>	21 <sup>31</sup> / <sub>32</sub>
<b>MOLLETON WATER SYSTEM ROLLERS</b>						
10840	W	W WATER FORM	R13-01-1B-8	1 <sup>3</sup> / <sub>32</sub>	20 <sup>7</sup> / <sub>8</sub>	21 <sup>7</sup> / <sub>16</sub>
10841	W	3M WATER FORM (3M sleeve #21022 <u>not</u> included)	R13-01-1C-8	2 <sup>1</sup> / <sub>8</sub>	20 <sup>7</sup> / <sub>8</sub>	21 <sup>7</sup> / <sub>16</sub>
10850	S	S WATER DUCTOR	R13-14-8	1 <sup>1</sup> / <sub>16</sub>	20 <sup>7</sup> / <sub>8</sub>	22 <sup>11</sup> / <sub>16</sub>
<b>BOTTLES</b>						
10649	—	for HAMADA	—	—	—	—
10649-2	—	for HAMADA (two-quart size)	—	—	—	—

\*Bushings are NOT included.

**MODEL 80 & 85 COLOR HEAD**



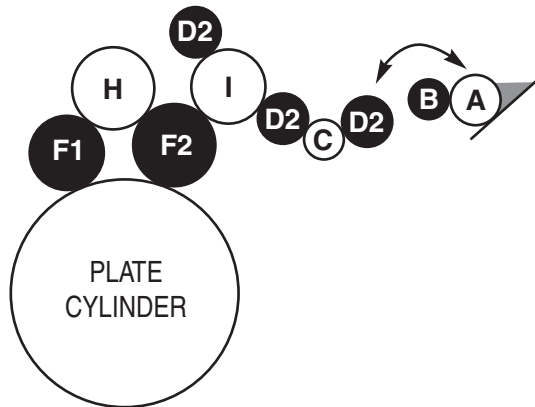
**HAMADA MODEL SU-47**



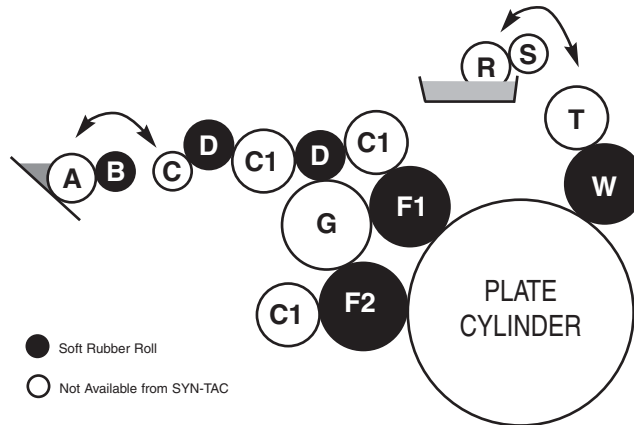
Syn-Tac Cat. No.	Color SU-47	Head	Description	Mfg. Part No.	Roll Dia.	Roll Face Lgth.	Overall Shaft Lgth.
<b>HAMADA MODEL SU47</b>							
<b>INK SYSTEM ROLLERS</b>							
10110	F1	—	INK FORM (medium)	I03-47-1A-7	2 <sup>1</sup> / <sub>16</sub>	18	19 <sup>15</sup> / <sub>32</sub>
10115	F2	—	INK FORM (small)	6503-03215A	1 <sup>25</sup> / <sub>32</sub>	18	18 <sup>1</sup> / <sub>2</sub>
10114	—	F1	INK FORM (med.) gear driven	G06-01-2A-7	2 <sup>1</sup> / <sub>16</sub>	18	19 <sup>1</sup> / <sub>16</sub>
10113	—	F2	INK FORM (large) gear driven	G06-01-1A-7	2 <sup>3</sup> / <sub>8</sub>	18	19 <sup>1</sup> / <sub>16</sub>
10111	—	F3	INK FORM (large)	I03-47-1B-7	2 <sup>3</sup> / <sub>8</sub>	18	19 <sup>15</sup> / <sub>32</sub>
10126	—	D	INK DISTRIBUTOR (small)	6503-04108A	1 <sup>1</sup> / <sub>32</sub>	18	20 <sup>23</sup> / <sub>32</sub>
10127	—	D1	INK DISTRIBUTOR (large)	6503-04105B	2 <sup>1</sup> / <sub>2</sub>	18	18 <sup>3</sup> / <sub>32</sub>
10125	—	D2	INK DISTRIBUTOR (small)	G07-73-1A-7	1 <sup>1</sup> / <sub>8</sub>	18 <sup>3</sup> / <sub>32</sub>	20 <sup>7</sup> / <sub>16</sub>
10131	—	B	INK DUCTOR	6503-06101A	1 <sup>9</sup> / <sub>32</sub>	18	19 <sup>29</sup> / <sub>32</sub>
10130*	—	B	INK DUCTOR	I03-43-7	1 <sup>1</sup> / <sub>32</sub>	18 <sup>1</sup> / <sub>4</sub>	19 <sup>27</sup> / <sub>32</sub>
<b>BOTTLES</b>							
10649	—	—	for HAMADA	—	—	—	—
10649-2	—	—	for HAMADA (two-quart size)	—	—	—	—

**HAMADA MODEL SU47 COLOR HEAD**

See page 15 and 16 for Crestline water unit rolls.  
\*Bushings are NOT included.



**HAMADA MODELS DU34II UPPER UNIT**



		Lower DU34II Unit				Mfg. Part No.	Roll Dia.	Roll Face Lgth.	Overall Shaft Lgth.
Syn-Tac Cat. No.	Main Head	Color Head	Description						
<b>HAMADA MODEL DU34II</b>									
<b>INK SYSTEM ROLLERS</b>									
234HA11	F1	F1	1st INK FORM (small)	7403-03008A	2 <sup>5</sup> / <sub>32</sub>	12 <sup>11</sup> / <sub>16</sub>	14 <sup>9</sup> / <sub>32</sub>		
234HA13	F2	F2	2nd INK FORM (large)	7503-03009A	2 <sup>13</sup> / <sub>32</sub>	12 <sup>11</sup> / <sub>16</sub>	14 <sup>9</sup> / <sub>32</sub>		
234HA23*	D	—	INK DISTRIBUTOR	6803-04005	1 <sup>7</sup> / <sub>16</sub>	12 <sup>11</sup> / <sub>16</sub>	15 <sup>5</sup> / <sub>16</sub>		
234HA25	—	D1	INK INTERMEDIATE ROLL	7503-04052A	1 <sup>19</sup> / <sub>32</sub>	12 <sup>11</sup> / <sub>16</sub>	14 <sup>3</sup> / <sub>4</sub>		
234HA20	—	D2	INK IDLING DISTRIBUTOR	7403-04008A	1 <sup>23</sup> / <sub>32</sub>	12 <sup>11</sup> / <sub>16</sub>	14 <sup>3</sup> / <sub>4</sub>		
234HA30	B	B	INK DUCTOR	7403-06001	1 <sup>9</sup> / <sub>32</sub>	12 <sup>11</sup> / <sub>16</sub>	15 <sup>7</sup> / <sub>32</sub>		
234HA18*	—	—	BLANKET WASH	6803-09035	1 <sup>19</sup> / <sub>32</sub>	13 <sup>3</sup> / <sub>8</sub>	15 <sup>11</sup> / <sub>16</sub>		
<b>MOLLETON WATER SYSTEM ROLLERS</b>									
234HA40	W	W	WATER FORM	7403-12003A	1 <sup>7</sup> / <sub>8</sub>	13 <sup>3</sup> / <sub>8</sub>	14 <sup>1</sup> / <sub>4</sub>		
234HA41	W	W	3M WATER FORM (3M sleeve #20514 <u>not</u> included)	—	2 <sup>1</sup> / <sub>16</sub>	13 <sup>3</sup> / <sub>8</sub>	14 <sup>1</sup> / <sub>4</sub>		
<b>BOTTLES</b>									
10649	—	—	for HAMADA	—	—	—	—	—	—
10649-2	—	—	for HAMADA (two-quart size)	—	—	—	—	—	—

See page 15 and 16 for Crestline water unit rolls.  
 \*Bushings are NOT included.

**HAMADA MODEL DU34II LOWER UNIT COLOR HEAD**

