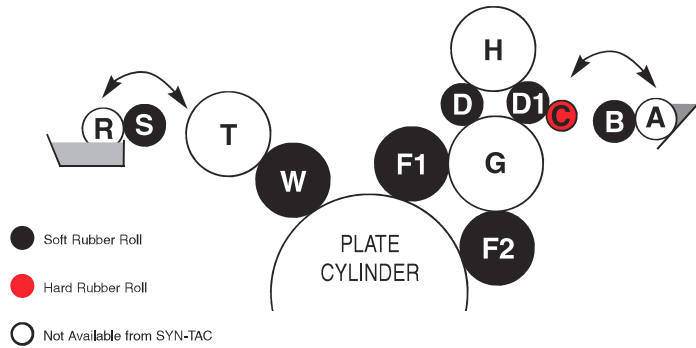


**DAVIDSON DUALITH MODELS 400, 500  
HI-SPEED DUALITH MODELS 400, 500, 501  
PERFECTOR MODELS 502**



Syn-Tac Cat. No.	Key	Description	Mfg. Part No.	Roll Dia.	Roll Face Lgth.	Overall Shaft Lgth.
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**DAVIDSON DUALITH MODELS 400 & 500**

**INK SYSTEM ROLLERS**

50010	F1,F2	INK FORM (with oilite bushings)	88-1512-02	2 <sup>9</sup> / <sub>32</sub>	10	12 <sup>15</sup> / <sub>16</sub>
22020	B,D	INK DISTRIBUTOR or INK DUCTOR	221-268-AA	1 <sup>3</sup> / <sub>8</sub>	10	12 <sup>5</sup> / <sub>16</sub>
22021	D1	INK FRONT DISTRIBUTOR (with sloppy oilite bushings)	221-0282-01	1 <sup>3</sup> / <sub>8</sub>	10	12 <sup>5</sup> / <sub>16</sub>
22022	D1	INK FRONT DISTRIBUTOR (with offset oilite bushings)	221-0282-01	1 <sup>3</sup> / <sub>8</sub>	10	12 <sup>5</sup> / <sub>16</sub>
50125-OS	C	INTERMEDIATE ROLL with GEAR (14 <sup>1</sup> / <sub>2</sub> ° pitch angle black gear)	221-278-AA	1	10	13 <sup>7</sup> / <sub>16</sub>
50125-NS	C	GEARED INK DISTRIBUTOR (20° pitch angle plated gear)	221-0278-01	1	10	13 <sup>7</sup> / <sub>16</sub>

**WATER SYSTEM ROLLERS**

50040	W	WATER FORM (with oilite bushings)	88-1512-01	2 <sup>3</sup> / <sub>16</sub>	11	12 <sup>15</sup> / <sub>16</sub>
50041	W	3M WATER FORM (3M sleeve #23011 not included ... with oilite bushings)	—	2 <sup>5</sup> / <sub>16</sub>	11	12 <sup>15</sup> / <sub>16</sub>
50050	S	WATER DUCTOR	88-1458-01	1 <sup>1</sup> / <sub>4</sub>	11 <sup>7</sup> / <sub>16</sub>	13 <sup>13</sup> / <sub>16</sub>

**DAVIDSON HI-SPEED DUALITH MODELS 400, 500 & 501  
PERFECTOR MODEL 502**

**INK SYSTEM ROLLERS**

50110	F1	INK FORM (upper) with ball bearings	88-3617-02	2 <sup>3</sup> / <sub>32</sub>	10 <sup>1</sup> / <sub>16</sub>	11 <sup>9</sup> / <sub>16</sub>
50111	F2	INK FORM (lower) with ball bearings	88-3617-05	2 <sup>5</sup> / <sub>8</sub>	10 <sup>1</sup> / <sub>16</sub>	11 <sup>9</sup> / <sub>16</sub>
22020	B,D	INK DISTRIBUTOR or INK DUCTOR (with oilite bushings)	221-268-AA	1 <sup>3</sup> / <sub>8</sub>	10	12 <sup>5</sup> / <sub>16</sub>
22021	D1	INK FRONT DISTRIBUTOR (with sloppy oilite bushings)	221-0282-01	1 <sup>3</sup> / <sub>8</sub>	10	12 <sup>5</sup> / <sub>16</sub>
22022	D1	INK FRONT DISTRIBUTOR (with offset oilite bushings)	221-0282-01	1 <sup>3</sup> / <sub>8</sub>	10	12 <sup>5</sup> / <sub>16</sub>
50125-OS	C	INTERMEDIATE ROLL with GEAR (14 <sup>1</sup> / <sub>2</sub> ° pitch angle black gear)	221-278-AA	1	10	13 <sup>7</sup> / <sub>16</sub>
50125-NS	C	INTERMEDIATE ROLL with GEAR (20° pitch angle plated gear)	221-0278-01	1	10	13 <sup>7</sup> / <sub>16</sub>
50126	C	INTERMEDIATE ROLL with GEAR (20° pitch angle plated gear)	88-7190-02	1	10	18 <sup>9</sup> / <sub>16</sub>

**WATER SYSTEM ROLLERS**

50140	W	WATER FORM	88-3617-01	2 <sup>3</sup> / <sub>16</sub>	10 <sup>7</sup> / <sub>8</sub>	11 <sup>9</sup> / <sub>16</sub>
50141	W	3M WATER FORM (3M sleeve #23011 not included)	88-3862-01	2 <sup>5</sup> / <sub>16</sub>	10 <sup>7</sup> / <sub>8</sub>	11 <sup>9</sup> / <sub>16</sub>
50050	S	WATER DUCTOR (with oilite bearings)	88-1458-01	1 <sup>1</sup> / <sub>4</sub>	11 <sup>7</sup> / <sub>16</sub>	13 <sup>13</sup> / <sub>16</sub>

**DAVIDSON DUALITH MODELS 600 & 700**  
**HI-SPEED DUALITH MODELS 600, 601, 700 & 701**  
**PERFECTOR MODELS 702**  
**DIAGRAM ON PAGE 17**

Syn-Tac Cat. No.	Key	Description	Mfg. Part No.	Roll Dia.	Roll Face Lgth.	Overall Shaft Lgth.
<b>DAVIDSON DUALITH MODELS 600 &amp; 700</b>						
<b>INK SYSTEM ROLLERS</b>						
70010	F1,F2	INK FORM (with oilite bushings)	88-1512-05	2 <sup>9</sup> / <sub>32</sub>	17 <sup>1</sup> / <sub>2</sub>	19 <sup>29</sup> / <sub>32</sub>
23020	B,D	INK DISTRIBUTOR or INK DUCTOR	233-0008-01	1 <sup>3</sup> / <sub>8</sub>	17	19 <sup>5</sup> / <sub>16</sub>
23021	D1	INK FRONT DISTRIBUTOR (with sloppy oilite bushings)	233-0162-01	1 <sup>3</sup> / <sub>8</sub>	17	19 <sup>5</sup> / <sub>16</sub>
23022	D1	INK FRONT DISTRIBUTOR (with offset oilite bushings)	233-0162-01	1 <sup>3</sup> / <sub>8</sub>	17	19 <sup>5</sup> / <sub>16</sub>
70125-OS	C	INTERMEDIATE ROLL with GEAR (14 <sup>1</sup> / <sub>2</sub> ° pitch angle black gear)	233-9-AA	1	17	20 <sup>7</sup> / <sub>16</sub>
70125-NS	C	INTERMEDIATE ROLL with GEAR (20° pitch angle plated gear)	233-0009-01	1	17	20 <sup>7</sup> / <sub>16</sub>
<b>WATER SYSTEM ROLLERS</b>						
70040	W	WATER FORM (with oilite bushings)	88-1512-06	2 <sup>3</sup> / <sub>16</sub>	18	19 <sup>29</sup> / <sub>32</sub>
70041	W	3M WATER FORM (3M sleeve #23019 <u>not</u> included ... with oilite bushings)	—	2 <sup>5</sup> / <sub>16</sub>	18	19 <sup>29</sup> / <sub>32</sub>
70050	S	WATER DUCTOR (rubber ... with oilite bushings)	223-43-AAA	1 <sup>1</sup> / <sub>4</sub>	17 <sup>5</sup> / <sub>8</sub>	20
<b>DAVIDSON HI-SPEED DUALITH MODELS 600, 601, 700 &amp; 701</b> <b>PERFECTOR MODEL 702</b>						
<b>INK SYSTEM ROLLERS</b>						
70110	F1	INK FORM (upper) with ball bearings	88-3617-04	2 <sup>9</sup> / <sub>32</sub>	17 <sup>1</sup> / <sub>4</sub>	18 <sup>9</sup> / <sub>16</sub>
70111	F2	INK FORM (lower) with ball bearings	88-3617-06	2 <sup>5</sup> / <sub>8</sub>	17 <sup>1</sup> / <sub>4</sub>	18 <sup>9</sup> / <sub>16</sub>
23020	B,D	INK DISTRIBUTOR or INK DUCTOR (with oilite bushings)	233-0008-01	1 <sup>3</sup> / <sub>8</sub>	17	19 <sup>5</sup> / <sub>16</sub>
23021	D1	INK FRONT DISTRIBUTOR (with sloppy oilite bushings)	233-0162-01	1 <sup>3</sup> / <sub>8</sub>	17	19 <sup>5</sup> / <sub>16</sub>
23022	D1	INK FRONT DISTRIBUTOR (with offset oilite bushings)	233-0162-01	1 <sup>3</sup> / <sub>8</sub>	17	19 <sup>5</sup> / <sub>16</sub>
70125-OS	C	INTERMEDIATE ROLL with GEAR (14 <sup>1</sup> / <sub>2</sub> ° pitch angle black gear)	233-9-AA	1	17	20 <sup>7</sup> / <sub>16</sub>
70125-NS	C	INTERMEDIATE ROLL with GEAR (20° pitch angle plated gear)	233-0009-01	1	17	20 <sup>7</sup> / <sub>16</sub>
70126	C	INTERMEDIATE ROLL with GEAR (20° pitch angle plated gear)	88-7190-01	1	17	25 <sup>3</sup> / <sub>16</sub>
<b>WATER SYSTEM ROLLERS</b>						
70140	W	WATER FORM (with ball bearings)	88-3617-03	2 <sup>3</sup> / <sub>16</sub>	18 <sup>1</sup> / <sub>8</sub>	18 <sup>9</sup> / <sub>16</sub>
70141	W	3M WATER FORM (3M sleeve #23019 <u>not</u> included ... with ball bearings)	88-3862-02	2 <sup>5</sup> / <sub>16</sub>	18 <sup>1</sup> / <sub>4</sub>	18 <sup>9</sup> / <sub>16</sub>
70150	S	WATER DUCTOR (rubber ... with oilite bushings)	88-3945-01	1 <sup>1</sup> / <sub>4</sub>	18 <sup>7</sup> / <sub>8</sub>	21
<b>PULL OUT ROLL &amp; BOTTLES FOR ALL DAVIDSON MODELS</b>						
22069	—	PAPER FEEDER PULLOUT	816-615-A	1 <sup>9</sup> / <sub>16</sub>	3/4	3/4
22049	—	WATER FOUNTAIN BOTTLE (plastic, quart size, with cap & valve)	88-2338-01	—	—	—
22049-2	—	WATER FOUNTAIN BOTTLE (plastic, two-quart size, with cap & valve)	—	—	—	—