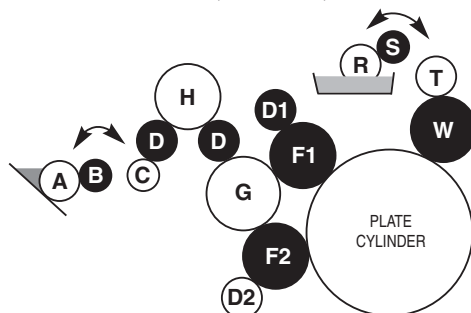


HAMADA MODELS 500, 500-CD, & 500-CDA

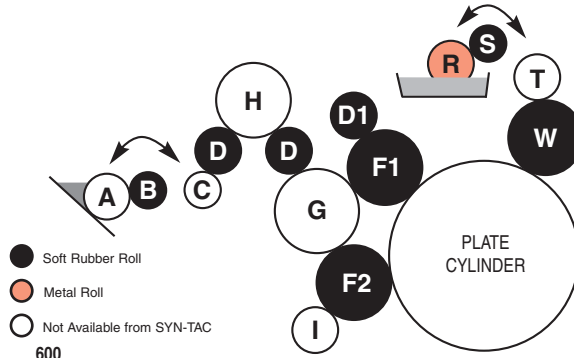


● Soft Rubber Roll ○ Not Available from SYN-TAC

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

*Bushings are NOT included.

HAMADA MODELS 600, 600-CD & 600-DW



| Syn-Tac Cat. No. | CD | Color | Description | Mfg. Part No. | Roll Dia. | Roll Face Lgth. | Overall Shaft Lgth. |
|------------------|----|-------|-------------|---------------|-----------|-----------------|---------------------|
|------------------|----|-------|-------------|---------------|-----------|-----------------|---------------------|

INK SYSTEM ROLLERS

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

MOLLETON WATER SYSTEM ROLLERS

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

| Syn-Tac Cat. No. | CD | Color | Description | Mfg. Part No. | Roll Dia. | Roll Face Lgth. | Overall Shaft Lgth. |
|------------------|----|-------|-------------|---------------|-----------|-----------------|---------------------|
|------------------|----|-------|-------------|---------------|-----------|-----------------|---------------------|

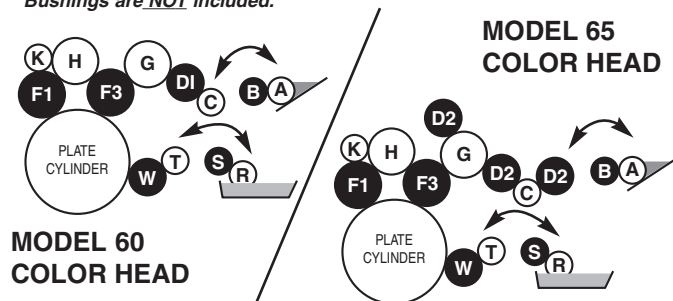
BAREBACK WATER SYSTEM ROLLERS

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

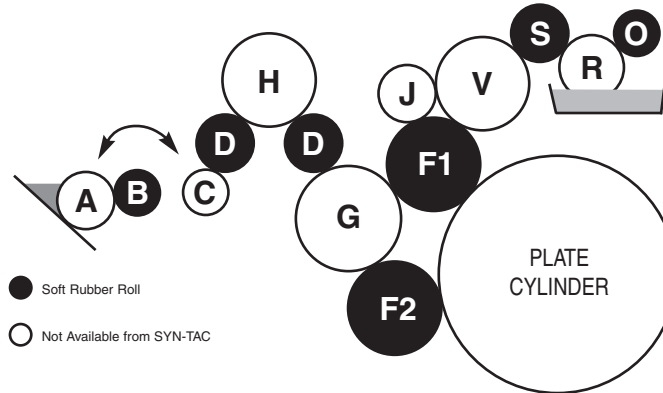
PULLOUT ROLL & BOTTLES

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

• The ink train soft rubber roller kit includes these rolls.
See page 16 for Crestline water unit rolls
* Bushings are NOT included.



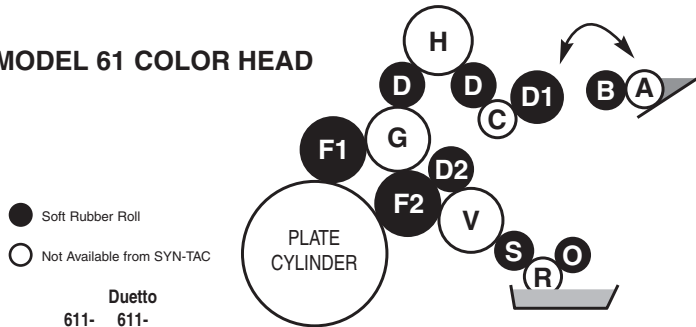
**HAMADA MODELS 611-CD, 611-XL, 611ECD,
DUETTO & DUETTO II INTEGRATED SYSTEM**



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

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

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-ECD | Color Head | | | | | |
| INK SYSTEM ROLLERS | | | | | | | | |
| 10212 | F1 | — | — | INK FORM (small) | PC03-62-A | 2 ¹ / ₁₆ | 11 ¹¹ / ₁₆ | 15 ¹ / ₄ |
| 10213 | F2 | — | — | INK FORM (large) | PC03-63-A | 2 ³ / ₈ | 11 ¹¹ / ₁₆ | 15 ¹ / ₄ |
| 10220* | D1 | — | — | INK DISTRIBUTOR (large) | 4807-03032 | 1 ³ / ₁₆ | 11 ²⁹ / ₃₂ | 15 ²⁷ / ₃₂ |
| 10221* | D | — | — | INK DISTRIBUTOR (small) | CP03-02 | 1 ³ / ₃₂ | 11 ²⁹ / ₃₂ | 15 ²⁷ / ₃₂ |
| 10230* | B | — | — | INK DUCTOR | PC03-03 | 1 ¹ / ₃₂ | 11 ⁷ / ₈ | 13 ⁵ / ₈ |
| 10212-L | — | F1 | — | INK FORM (small) | 5103-03002A | 2 ¹ / ₁₆ | 12 ¹ / ₈ | 15 ¹ / ₄ |
| 10213-L | — | F2 | — | INK FORM (large) | 5103-03001A | 2 ³ / ₈ | 12 ¹ / ₈ | 15 ¹ / ₄ |
| 10220-L* | — | D1 | — | INK DISTRIBUTOR (large) | 4807-03053 | 1 ³ / ₁₆ | 11 ³¹ / ₃₂ | 15 ²⁷ / ₃₂ |
| 10221-L* | — | D | — | INK DISTRIBUTOR (small) | 5103-03004 | 1 ³ / ₃₂ | 11 ³¹ / ₃₂ | 15 ²⁷ / ₃₂ |
| 10222-L** | — | D2 | — | INK DISTRIBUTOR (geared) | 5103-18059 | 1 ⁹ / ₁₆ | 12 ¹ / ₈ | 14 ¹⁵ / ₁₆ |
| 10230-L* | — | B | — | INK DUCTOR | 5103-03006 | 1 ¹ / ₃₂ | 11 ³¹ / ₃₂ | 13 ⁵ / ₈ |

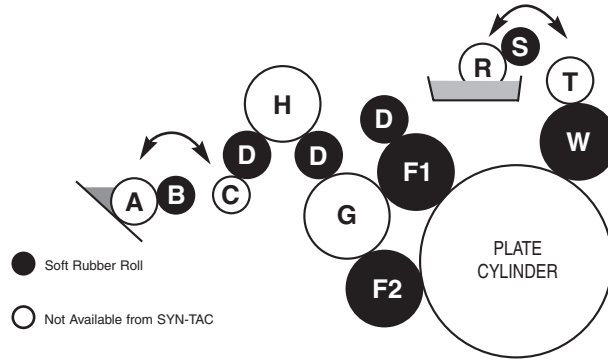
| WATER SYSTEM ROLLERS | | | | | | | | |
|-----------------------------|---|---|---|----------------|-----------|--------------------------------|----------------------------------|----------------------------------|
| 10251* | S | S | — | WATER METERING | CP18-69 | 1 ⁵ / ₈ | 12 ¹¹ / ₁₆ | 15 ⁹ / ₃₂ |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

| BOTTLES | | | | | | | | |
|----------------|---|---|---|-----------------------------|---|---|---|---|
| 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 | Duetto Description | Mfg. Part No. | Roll Dia. | Roll Face Lgth. | Overall Shaft Lgth. |
|------------------|------------|---------|--------------------|---------------|-----------|-----------------|---------------------|
|------------------|------------|---------|--------------------|---------------|-----------|-----------------|---------------------|

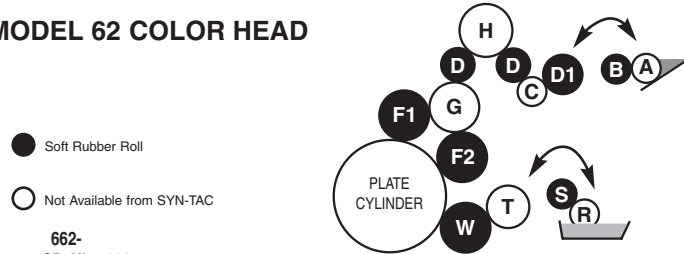
INK SYSTEM ROLLERS

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

MOLLETON WATER SYSTEM ROLLERS

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

MODEL 62 COLOR HEAD



| Syn-Tac Cat. No. | 662-CD, XL | 662-ECD Color Head | Duetto Color Head Description | Mfg. Part No. | Roll Dia. | Roll Face Lgth. | Overall Shaft Lgth. |
|------------------|------------|--------------------|-------------------------------|---------------|-----------|-----------------|---------------------|
|------------------|------------|--------------------|-------------------------------|---------------|-----------|-----------------|---------------------|

INK SYSTEM ROLLERS

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

MOLLETON WATER SYSTEM ROLLERS

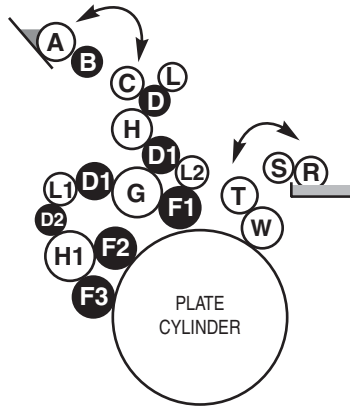
| | | | | | | | |
|---------|---|---|--|-------------|---------------------------------|----------------------------------|---------------------------------|
| 10240 | W | — | WATER FORM | PC11-26-A | 1 ³¹ / ₃₂ | 13 | 14 ¹ / ₃₂ |
| 10241 | W | — | 3M WATER FORM (3M sleeve #21014 <u>not</u> included)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

BOTTLES

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

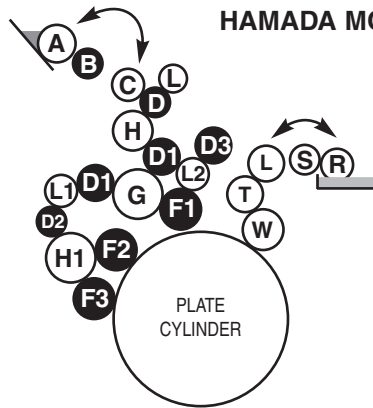
* Bushings are NOT included.

HAMADA MODEL H234-E



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

HAMADA MODEL H234-C



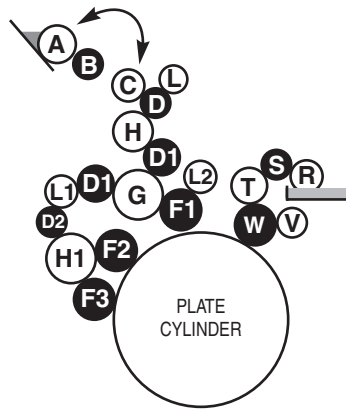
| MODEL H234-C | | | | | | |
|---------------------------|----|---------------------------------|-------------|---------------------------------|----------------------------------|----------------------------------|
| INK SYSTEM ROLLERS | | | | | | |
| 234HA10 | F1 | INK FORM (small) | 7403-03007A |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

• 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. |
|-----------------------------|-----|--------------------------|------------------|---------------------------------|---------------------------------|----------------------------------|
| MODEL H234-A | | | | | | |
| INK SYSTEM ROLLERS | | | | | | |
| 234HA14 | F1 | INK FORM (small) | 8203-03005 | 1 ³¹ / ₃₂ | 13 ⁷ / ₃₂ | 14 ¹ / ₄ |
| 234HA15 | F2 | INK FORM (medium) | 8203-03006 | 2 ¹ / ₁₆ | 13 ⁷ / ₃₂ | 14 ¹ / ₄ |
| 234HA16 | F3 | INK FORM (large) | 8203-03007 | 2 ⁷ / ₃₂ | 13 ⁷ / ₃₂ | 14 ¹ / ₄ |
| 234HA26 | D | INK DISTRIBUTOR (small) | 8203-04006 | 1 ²³ / ₃₂ | 13 ¹ / ₂ | 15 ⁹ / ₃₂ |
| 234HA27 | D1 | INK DISTRIBUTOR (large) | 8203-04008 | 2 ¹ / ₁₆ | 13 ¹ / ₂ | 15 ⁹ / ₃₂ |
| 234HA28 | D2 | INK DISTRIBUTOR (medium) | 8203-04007 | 1 ²⁹ / ₃₂ | 13 ¹ / ₂ | 15 ⁹ / ₃₂ |
| 234HA31 | B | INK DUCTOR | 8203-06001 | 1 ⁹ / ₃₂ | 13 ⁷ / ₃₂ | 15 ¹⁷ / ₃₂ |
| 234HA19* | — | BLANKET WASH ROLLER | 8203-09001 | 1 ¹⁷ / ₃₂ | 13 ⁷ / ₈ | 16 ⁵ / ₃₂ |
| WATER SYSTEM ROLLERS | | | | | | |
| 234HA43P | W | WATER FORM | 8203-13004 | 2 ⁵ / ₃₂ | 13 ⁹ / ₃₂ | 16 ⁵ / ₁₆ |
| 234HA53P | S | WATER METERING | 8203-13003 | 1 ²¹ / ₃₂ | 15 ³ / ₈ | 17 ³ / ₈ |

* Bushings are NOT included.

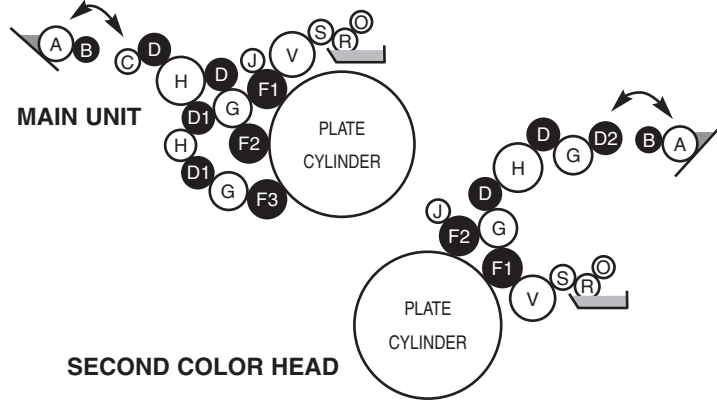
PRINT WORKS CHEMICAL TIP:

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 | Description | Mfg. Part No. | Roll Dia. | Roll Face Lgth. | Overall Shaft Lgth. |
|---------------------|--|------|-------------|------------------|--------------|-----------------------|---------------------------|
|---------------------|--|------|-------------|------------------|--------------|-----------------------|---------------------------|

INK SYSTEM ROLLERS RS/VS34-S & RS/VS34-M

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

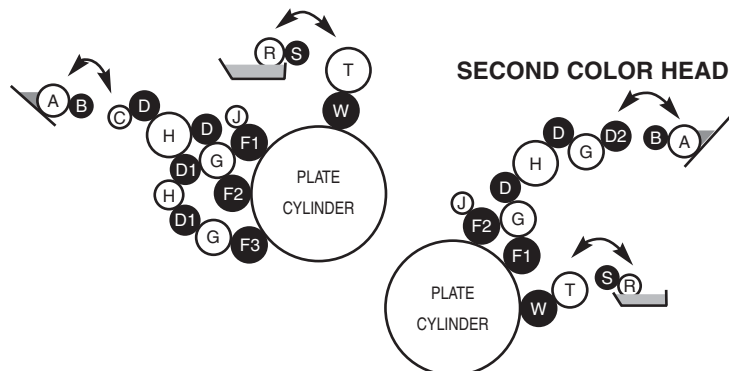
WATER SYSTEM ROLLERS RS34-M & VS34-M ONLY

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

BOTTLES

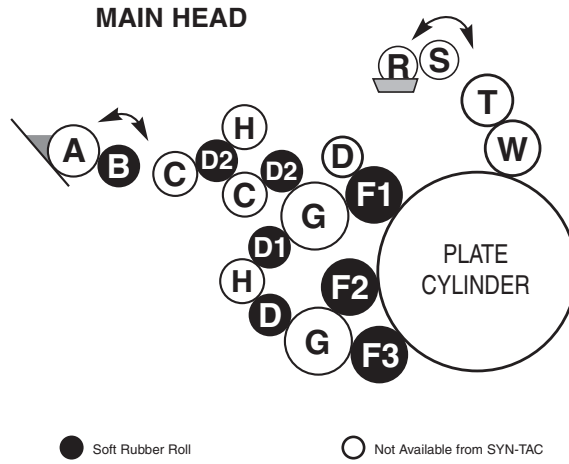
| | | | | | | | |
|---------|---|---|-----------------------------|---|---|---|---|
| 10649 | — | — | for HAMADA | — | — | — | — |
| 10649-2 | — | — | for HAMADA (two-quart size) | — | — | — | — |

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



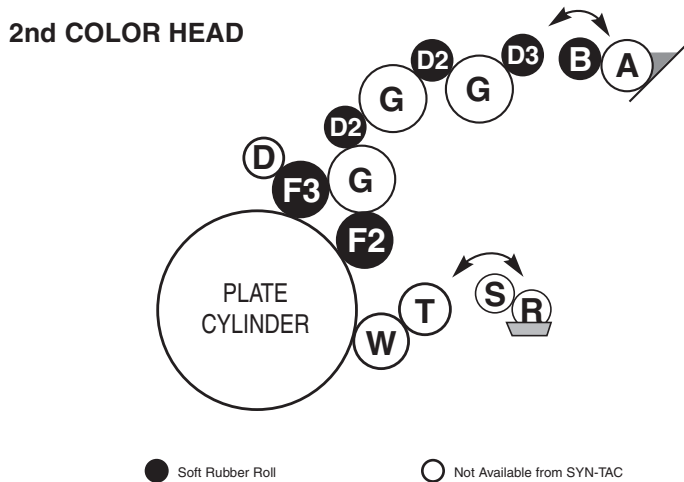
*Bushings are **NOT** included.
See page 16 or 17 for Crestline water unit rolls.

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

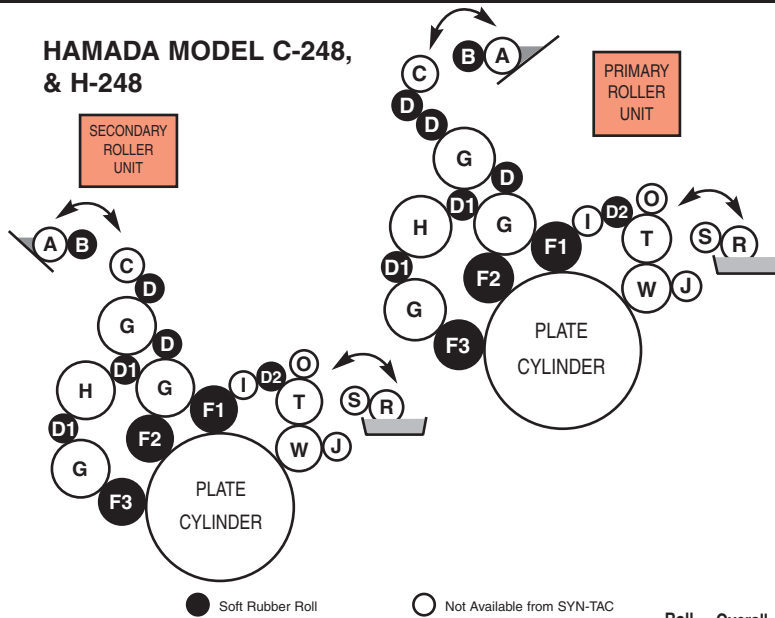


| Syn-Tac Cat. No. | MAIN HEAD | 2nd HEAD | Description | Mfg. Part No. | Roll Dia. | Roll Face Lgth. | Overall Shaft Lgth. |
|---------------------------|-----------|----------|--|---------------|---------------------------------|----------------------------------|----------------------------------|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

* 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. |
|---------------------|-----|-------------|------------------|--------------|-----------------------|---------------------------|
|---------------------|-----|-------------|------------------|--------------|-----------------------|---------------------------|

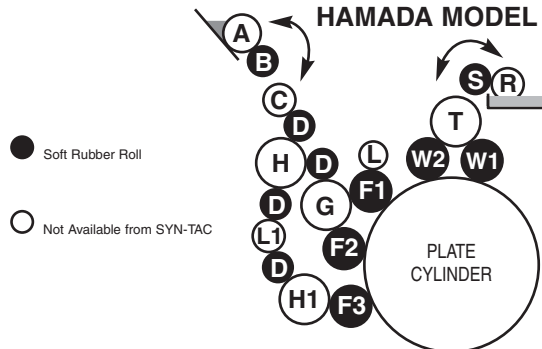
HAMADA C-248 & H-248

INK SYSTEM ROLLERS

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

See page 16 for Crestline water unit rolls.

HAMADA MODEL C-252 & H252



HAMADA C-252 & H252

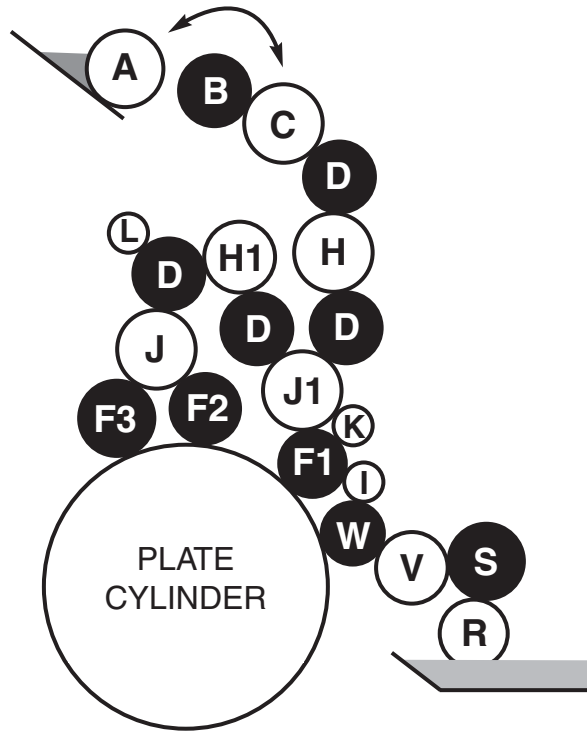
INK SYSTEM ROLLERS

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

WATER SYSTEM ROLLERS

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

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



● Soft Rubber Roll

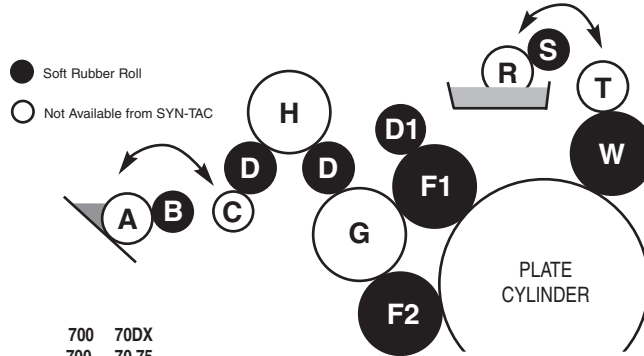
○ Not Available from SYN-TAC

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

* 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. | CDX E-47 | Color Head | Description | Mfg. Part No. | Roll Dia. | Roll Face Lgth. | Overall Shaft Lgth. |
|------------------|----------|------------|-------------|---------------|-----------|-----------------|---------------------|
|------------------|----------|------------|-------------|---------------|-----------|-----------------|---------------------|

INK SYSTEM ROLLERS

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

MOLLETON WATER SYSTEM ROLLERS

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

| Syn-Tac Cat. No. | CDX E-47 | Color Head Only | Description | Mfg. Part No. | Roll Dia. | Roll Face Lgth. | Overall Shaft Lgth. |
|------------------|----------|-----------------|-------------|---------------|-----------|-----------------|---------------------|
|------------------|----------|-----------------|-------------|---------------|-----------|-----------------|---------------------|

BAREBACK WATER SYSTEM ROLLERS

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

BOTTLES

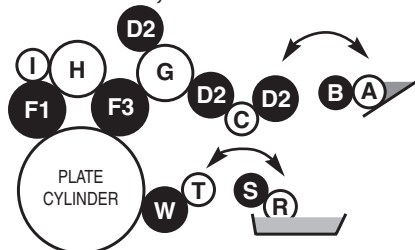
| | | | | | | | |
|---------|---|---|-----------------------------|---|---|---|---|
| 10649 | — | — | for HAMADA | — | — | — | — |
| 10649-2 | — | — | for HAMADA (two-quart size) | — | — | — | — |

* Bushings are NOT included.

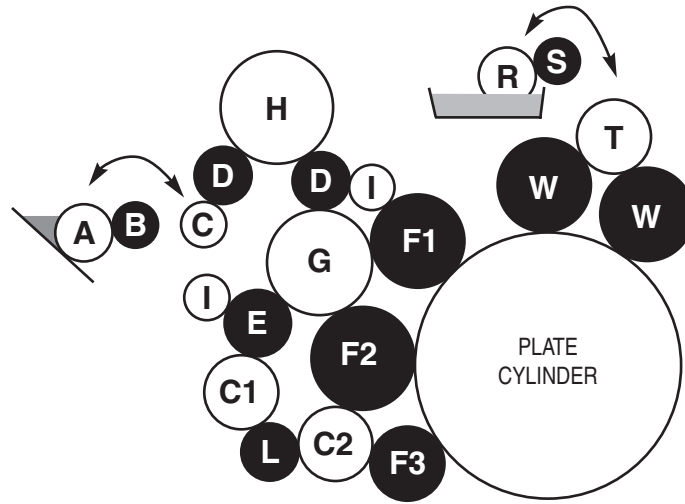
See page 16 and 17 for Crestline water unit rolls.

* 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

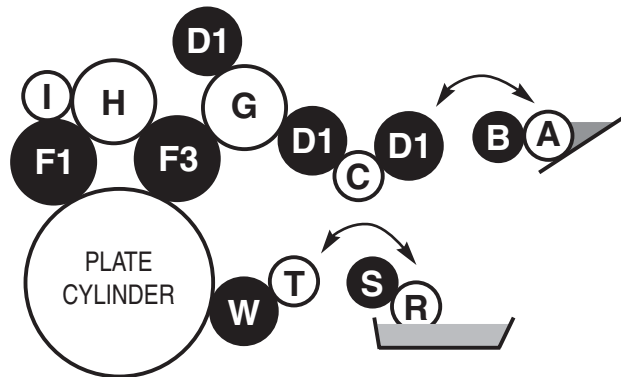


● Soft Rubber Roll ○ Not Available from SYN-TAC

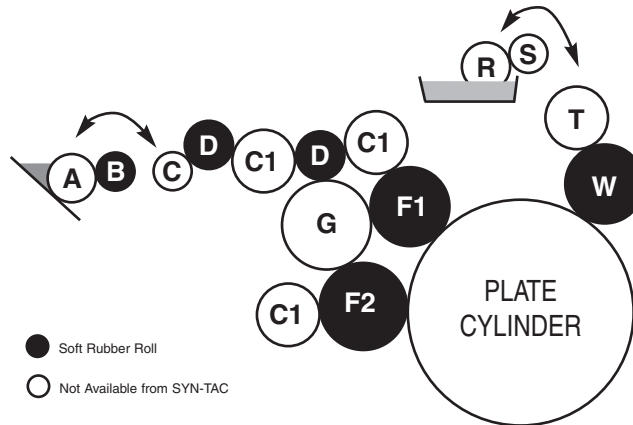
| Syn-Tac Cat. No. | 80,85 Color Head | Description | Mfg. Part No. | Roll Dia. | Face Lgth. | Overall Shaft Lgth. |
|--------------------------------------|------------------------|--|------------------|--------------------------------|----------------------------------|----------------------------------|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

*Bushings are NOT included.

MODEL 80 & 85 COLOR HEAD



HAMADA MODELS DU34II UPPER UNIT



| Lower DU34II Syn-Tac Cat. No. | Main Head | Color Head | Description | Mfg. Part No. | Roll Dia. | Roll Face Lgth. | Overall Shaft Lgth. |
|--------------------------------------|-----------|------------|--|---------------|---------------------------------|----------------------------------|---------------------------------|
| HAMADA MODEL DU34II | | | | | | | |
| INK SYSTEM ROLLERS | | | | | | | |
| 234HA11 | F1 | F1 | 1st INK FORM (small) | 7403-03008A | 2 ⁵ / ₃₂ | 12 ¹¹ / ₁₆ | 14 ⁹ / ₃₂ |
| 234HA13 | F2 | F2 | 2nd INK FORM (large) | 7503-03009A | 2 ¹³ / ₃₂ | 12 ¹¹ / ₁₆ | 14 ⁹ / ₃₂ |
| 234HA23 | D | — | INK DISTRIBUTOR | 6803-04005 | 17 ¹ / ₁₆ | 12 ¹¹ / ₁₆ | 15 ⁵ / ₁₆ |
| 234HA25 | — | D1 | INK INTERMEDIATE ROLL | 7503-04052A | 1 ¹⁹ / ₃₂ | 12 ¹¹ / ₁₆ | 14 ³ / ₄ |
| 234HA20 | — | D2 | INK IDLING DISTRIBUTOR | 7403-04008A | 1 ²⁹ / ₃₂ | 12 ¹¹ / ₁₆ | 14 ³ / ₄ |
| 234HA30 | B | B | INK DUCTOR | 7403-06001 | 1 ⁹ / ₃₂ | 12 ¹¹ / ₁₆ | 15 ⁷ / ₃₂ |
| MOLLETON WATER SYSTEM ROLLERS | | | | | | | |
| 234HA40 | W | W | WATER FORM | 7403-12003A | 17 ¹ / ₈ | 13 ³ / ₈ | 14 ¹ / ₄ |
| 234HA41 | W | W | 3M WATER FORM (3M sleeve #20514 <u>not</u> included) | — | 2 ¹ / ₁₆ | 13 ³ / ₈ | 14 ¹ / ₄ |
| BOTTLES | | | | | | | |
| 10649 | — | — | for HAMADA | — | — | — | — |
| 10649-2 | — | — | for HAMADA (two-quart size) | — | — | — | — |

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

**HAMADA MODEL DU34II LOWER UNIT
 COLOR HEAD**

