



Dye Sublimation Calenders

- Entry Level - Sampling - Light Production
- InPress - Light - Medium Production
- NexxPress - Medium - Commercial Production
- Oil or Infra-Red Options

HIGHLIGHTS



Maximize Impact

Expand product offerings



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Hillsboro, OR 97124
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Entry Level Roll-To-Roll Calender

An under the drum circuit leads to easy roll-to-roll webbing. Easily sublimate banners, displays, flags, and more.



EX-130

- 10" diameter infra-red drum
- Includes take-ups for fabric and tissue & transfer paper
- 2.3 feet per minute at a 30 second dwell time
- Anti-ghosting technology
- Universal core adapters

Entry Level Piece & Piece-To-Roll Calender

An over the drum circuit allows users to see the image as they align cut pieces of fabrics for full bleed sublimation.



LX-130

- 10" diameter infra-red drum
- Production speeds of 2.7 feet per minute at a 30 second dwell time
- Universal core adapters for unwind and rewriter take-ups
- Includes take-ups for fabric, tissue and transfer paper
- Feed table with idle bar included

Category	Roll-To-Roll	Piece
Model	EX-130	LX-130
Width	45"	45"
Heat Type	Infra-Red	Infra-Red
30 Second Dwell Time Speed	2.3 ft./min.	2.7 ft./min.
40 Second Dwell Time Speed	1.8 ft./min.	2.2 ft./min.
Warm Up Time	1 hour	1 hour
Cool Down Time	2 hours	2 hours
Power Requirements	1 Ø 220 Volt 25 Amp	1 Ø 220 Volt 25 Amp
Work Table	Included	Included
Dimensions (WxDxH)	51" x 21"x 43"	67" x 22" x 43"
1 Year Warranty	✓	✓

Roll-To-Roll Calender

An under the drum circuit for simple roll-to-roll sublimation. Practical applications include flags, banners, apparel, and more.



CX-180 & CX-181

- 10" diameter infra-red or oil drum
- 2.3 feet per minute at a 30 second dwell time
- Anti-ghosting & automatic belt centering technology
- Programmable pre-heat & cool-down timers
- Sampling feed table included

Piece & Piece-To-Roll Calender

An over the drum circuit allows for piece-to-roll sublimation. Practical applications include sports wear apparel, flags & more.



PX-180F & PX-181F

- 10" diameter infra-red or oil drum
- Production speeds of 3.9 feet per minute at a 30 second dwell time
- Programmable pre-heat scheduler & cool-down timer
- Anti-ghosting & automatic belt centering technology
- Feed table with idle bar included standard

Category	Roll-To-Roll		Piece	
Model	CX-180	CX-181	PX-180F	PX-181F
Width	65"	67"	65"	67"
Heat Type	Infra-Red	Oil	Infra-Red	Oil
30 Sec. Dwell	2.3 ft./min.	2.3 ft./min.	3.9 ft./min.	3.97 ft./min.
40 Sec. Dwell	1.8 ft./min.	1.8 ft./min.	3.0 ft./min.	3.0 ft./min.
Warm Up Time	1 hour	2 hours	1 hours	2 hours
Cool Down Time	2 hours	3 hours	2 hours	3 hours
Power Req.	1 Ø 220 Volt 32 Amp	3 Ø 220 Volt 36 Amp	1 Ø 220 Volt 32 Amp	3 Ø 220 Volt 36 Amp
Work Table	Included	Included	Included	Included
Dimensions (WxDXH)	91" x 32" x 65"	97" x 39" x 67"	91" x 39" x 55"	99" x 39" x 55"
1 Year Warranty	✓	✓	✓	✓

Infra-Red Roll-To-Roll Calender

Easy roll-to-roll webbing via an under the drum circuit.

Practical applications include displays, banners, apparel, and more.



14" Infra-Red Quartz Drum

- Less than one hour warm up times
- Independent take-up speed control
- 3.3 feet per minute at a 30 second dwell time
- Anti-ghosting & automatic belt centering technology
- Sampling feed table included

Oil Roll-To-Roll Calender

Maximize roll-to-roll production with an easy to web under the drum production circuit. Applications include flags, banners and more.



14", 22" & 34" Self-Contained Oil Drums

- Pneumatic belt tensioning (22" & 34" Drums)
- Programmable pre-heat & cool-down timers
- Up to 7.4 feet per minute at a 30 second dwell time
- Anti-ghosting & automatic belt centering technology
- Sampling feed table included

Model	Transfer Width	Drum Diameter	40s/Dwell	30s/Dwell	Electrical	Dimensions w/ Table (WxDxH)
RHCI-1835*	65"	14"	2.5 ft./min.	3.3 ft./min.	3 Φ 220 V 24A	93" x 59" x 67"
RHCO-1835**	67"	14"	2.5 ft./min.	3.3 ft./min.	3 Φ 220 V 48A	97" x 67" x 65"
RHCI-2135*	77"	14"	2.5 ft./min.	3.3 ft./min.	3 Φ 220 V 32A	104" x 59" x 67"
RHCO-2135**	79"	14"	2.5 ft./min.	3.3 ft./min.	3 Φ 220 V 55A	109" x 67" x 65"
RHCO-2535**	95"	14"	2.5 ft./min.	3.3 ft./min.	3 Φ 220 V 71A	126" x 83" x 67"
RHCO-1855**	67"	22"	4.3 ft./min.	5.6 ft./min.	3 Φ 220 V 84A	102" x 79" x 75"
RHCO-2155**	79"	22"	4.3 ft./min.	5.6 ft./min.	3 Φ 220 V 100A	114" x 79" x 75"
RHCO-2555**	95"	22"	4.3 ft./min.	5.6 ft./min.	3 Φ 220 V 124A	130" x 83" x 79"
RHCO-3255**	122"	22"	4.3 ft./min.	5.6 ft./min.	3 Φ 220 V 166A	161" x 91" x 83"
RHCO-1885**	67"	34"	5.9 ft./min.	7.4 ft./min.	3 Φ 220 V 132A	106" x 91" x 89"
RHCO-2185**	79"	34"	5.9 ft./min.	7.4 ft./min.	3 Φ 220 V 158A	118" x 91" x 89"
RHCO-2585**	95"	34"	5.9 ft./min.	7.4 ft./min.	3 Φ 220 V 192A	134" x 95" x 91"
RHCO-3285**	122"	34"	5.9 ft./min.	7.4 ft./min.	3 Φ 220 V 260A	165" x 102" x 95"

* Infra-red
 **Oil

Piece-To-Roll Calenders



Infra-Red Piece-To-Roll Calender

Easily align cut pieces with an over the drum production circuit. Applications include sports & active wear apparel, flags, and more.



14" Infra-Red Quartz Drums

- Less than 1 hour warm up time
- 4.6 feet per minute at a 30 second well time
- Anti-ghosting & automatic belt centering technology
- Programmable pre-heat & cool-down timers
- Cut piece production table included

Oil Piece-To-Roll Calender

High volume cut piece production with an over the drum circuit. Optimize production of sports & active wear apparel, flags and more.



14", 22" & 34" Self-Contained Oil Drums

- Programmable pre-Heat & cool-down timers
- Up to 11.7 feet per minute at a 30 second dwell time
- Anti-ghosting & automatic belt centering technology
- Pneumatic belt tensioning & conveyor belt (22" & 34" drums)
- Cut piece production table included

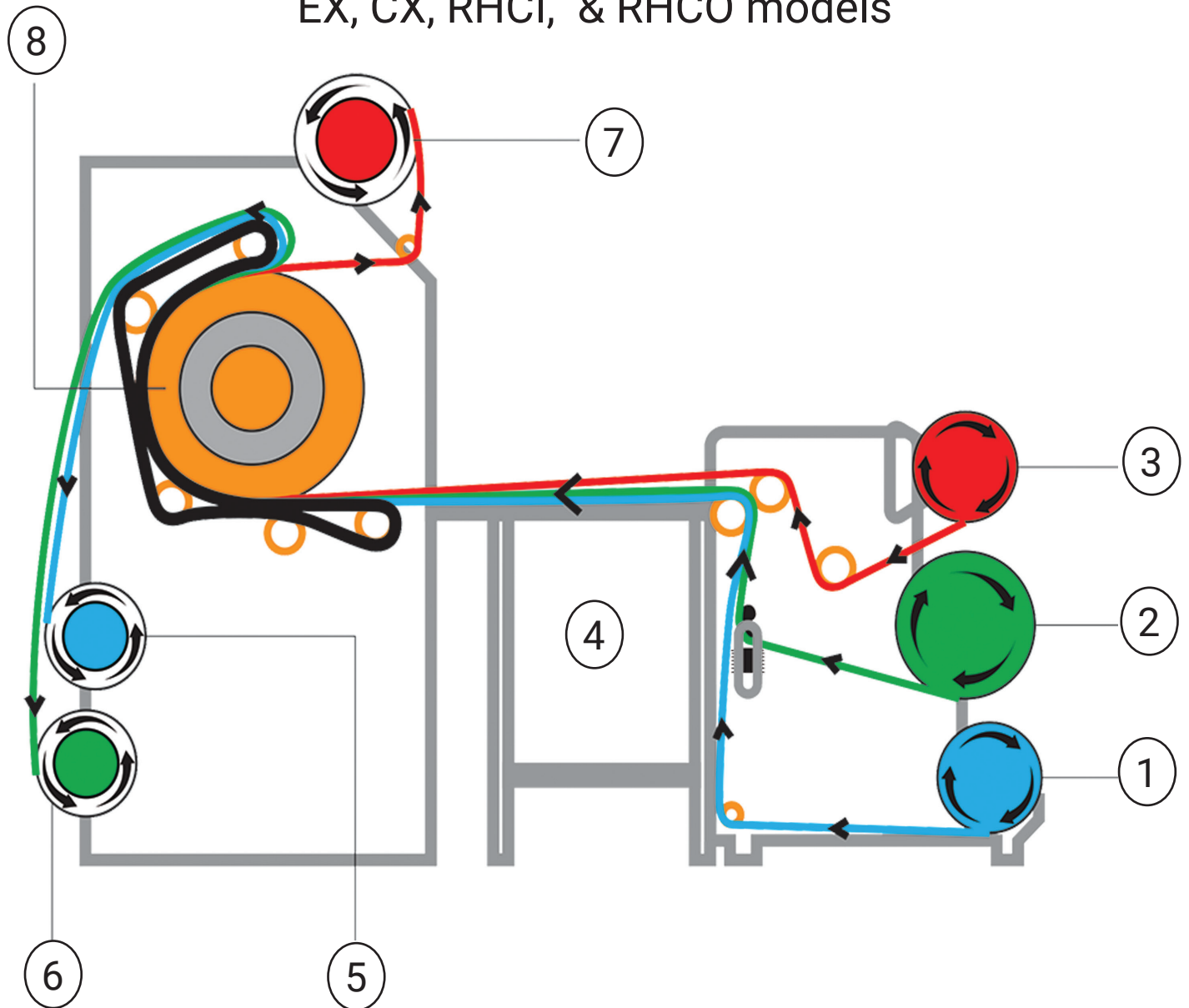
Model	Transfer Width	Drum Diameter	40s/Dwell	30s/Dwell	Electrical	Dimensions w/ Table (WxDXH)
RHPI-1835*	65"	14"	3.5 ft./min.	4.6 ft./min.	3 Φ 220 V 24A	93" x 77" x 67"
RHPO-1835**	67"	14"	3.5 ft./min.	4.6 ft./min.	3 Φ 220 V 48A	99" x 73" x 59"
RHPI-2135*	77"	14"	3.5 ft./min.	4.6 ft./min.	3 Φ 220 V 32A	104" x 77" x 67"
RHPO-2135**	79"	14"	3.5 ft./min.	4.6 ft./min.	3 Φ 220 V 55A	110" x 77" x 59"
RHPO-2535**	95"	14"	3.5 ft./min.	4.6 ft./min.	3 Φ 220 V 71A	130" x 81" x 63"
RHPO-1855**	67"	22"	5.7 ft./min.	7.6 ft./min.	3 Φ 220 V 84A	106" x 85" x 67"
RHPO-2155**	79"	22"	5.7 ft./min.	7.6 ft./min.	3 Φ 220 V 100A	118" x 85" x 67"
RHPO-2555**	95"	22"	5.7 ft./min.	7.6 ft./min.	3 Φ 220 V 124A	138" x 91" x 71"
RHPO-3255**	122"	22"	5.7 ft./min.	7.6 ft./min.	3 Φ 220 V 168A	177" x 99" x 79"
RHPO-1885**	67"	34"	8.8 ft./min.	11.7 ft./min.	3 Φ 220 V 132A	110" x 98" x 75"
RHPO-2185**	79"	34"	8.8 ft./min.	11.7 ft./min.	3 Φ 220 V 158A	122" x 98" x 75"
RHPO-2585**	95"	34"	8.8 ft./min.	11.7 ft./min.	3 Φ 220 V 192A	142" x 102" x 77"
RHPO-3285**	122"	34"	8.8 ft./min.	11.7 ft./min.	3 Φ 220 V 260A	177" x 114" x 83"

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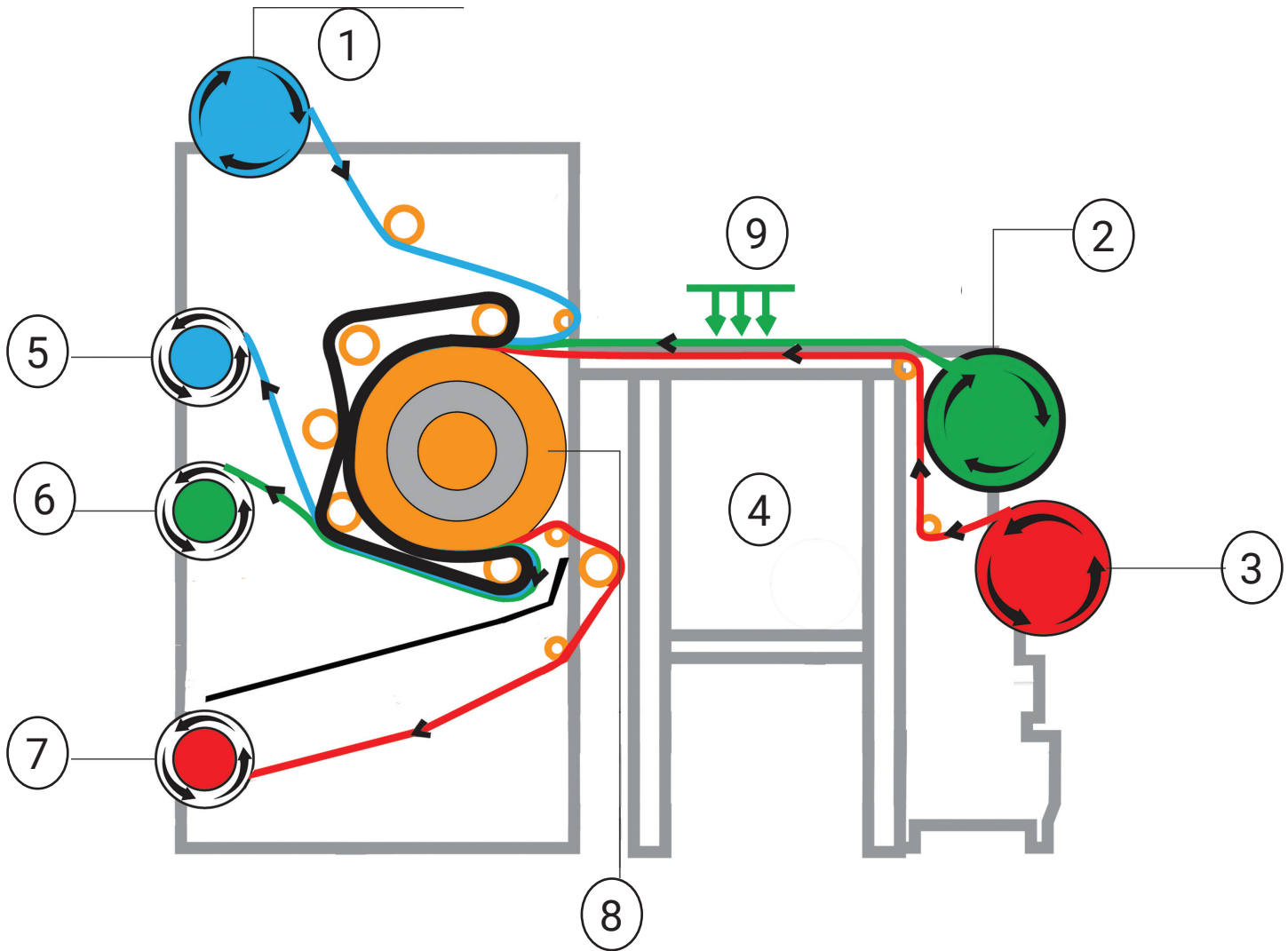
EX, CX, RHCI, & RHCO models



1	Tissue Paper Feeding System	5	Tissue Paper Take Up System
2	Fabric System Feeding System (Print Side Facing Up)	6	Fabric Take Up System
3	Transfer Paper Feeding System (Print Side Facing Down)	7	Transfer Paper Take Up System
4	Work Table	8	Oil or Infra-Red Drum

Piece To Roll Calenders

LX, PX, RHPI, & RHPO models



1	Tissue Paper Feeding System	5	Tissue Paper Take Up System
2	Fabric System Feeding System (Print Side Facing Down)	6	Fabric Take Up System
3	Transfer Paper Feeding System (Print Side Facing Up)	7	Transfer Paper Take Up System
4	Work Table	8	Oil or Infra-Red Drum
9	Cut Piece - Fabric (Print Side Facing Down)		



**VERSATILE SUBLIMATION OPTIONS
45" - 122" WIDTHS
10", 14", 22" & 34" DRUM DIAMETERS**

Contact Your Local Royal Sovereign Dealer

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