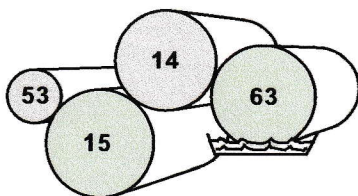




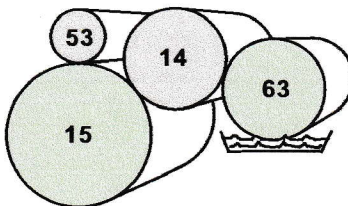
4 Roller Crestline (R) Dampening Systems

(if you have a 5 or 6 roller system, turn to that section for correct replacement rollers)

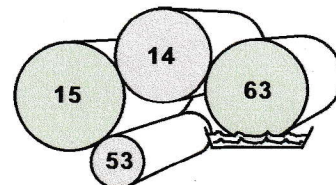
4 Roll; Schematic "A"



4 Roll; Schematic "A2"



4 Roll; Schematic "A3"



Schematic Key :



Metal or Hard Rubber Rollers



Soft Rubber Rollers

on A.B. DICK MODEL 350/360/8800 (4 roll system) - see pg. 7.2: Schematic A

SCHEMATIC NUMBER	LITH-O-ROLL PART NUMBER	DESCRIPTION	OUTSIDE DIAMETER	SURFACE LENGTH	OVERALL LENGTH	PRESS MFG PART NUMBER	ROLLER INCLUDES
14	RY-2814-CL	Hard Metering (complete)	1-1/2	11-13/16	14-1/8	XSA-070201NS	B.B.
14	RY-2814-CLS	Hard Metering (special option- shell only)	1-1/2	11-13/16	-	XSA-070201NS	-
15	AB-3615-CL	Water Form Roller	2-1/4	11-1/4	14-7/8	X07-0101	-
53	AB-3653-CL	Hard Oscillator (complete)	1-1/2	11-3/8	15-1/4	X07-0401	-
63	AB-3663-CL	Water Pan Roller	1-1/2	12-1/4	14-29/32	X07-0318NS	-

on A.B. DICK MODEL 375/9800/9800 (4 roll system) - see pg. 7.2: Schematic A

SCHEMATIC NUMBER	LITH-O-ROLL PART NUMBER	DESCRIPTION	OUTSIDE DIAMETER	SURFACE LENGTH	OVERALL LENGTH	PRESS MFG PART NUMBER	ROLLER INCLUDES
14	--	Hard Metering (not available from LOR)	-	-	-	XSA-070203NS	-
15	AB-3715-CL	Water Form Roller	2-1/4	13	16-15/16	X07-0104	-
53	AB-3753-CL	Hard Oscillator (complete)	1-1/2	12-3/4	17-3/8	X07-0403	-
63	AB-3763-CL	Water Pan Roller	1-1/2	14	16-7/8	X07-0303NS	-

on RYOBI MODEL 2700/2800 (4 roll system) - see pg. 7.2: Schematic A

SCHEMATIC NUMBER	LITH-O-ROLL PART NUMBER	DESCRIPTION	OUTSIDE DIAMETER	SURFACE LENGTH	OVERALL LENGTH	PRESS MFG PART NUMBER	ROLLER INCLUDES
14	RY-2814-CL	Hard Metering Roller (complete)	1-1/2	11-13/16	14-1/8	XSA-070201NS	B.B.
14	RY-2814-CLS	Hard Metering (special option- shell only)	1-1/2	11-13/16	-	XSA-070201NS	-
15	RY-2815-CL	Water Form Roller	2-1/4	11-1/2	15-1/4	X07-0102	-
53	AB-3653-CL	Hard Oscillator (complete)	1-1/2	11-3/8	15-1/4	X07-0401	-
63	RY-2863-CL	Water Pan Roller	1-1/2	12-1/4	15-1/4	X07-0301NS	-

on RYOBI MODEL 3200/ITEK MODEL 975 (4 roll system) - see pg. 7.2: Schematic A

SCHEMATIC NUMBER	LITH-O-ROLL PART NUMBER	DESCRIPTION	OUTSIDE DIAMETER	SURFACE LENGTH	OVERALL LENGTH	PRESS MFG PART NUMBER	ROLLER INCLUDES
14	RY-3214-CL	Hard Metering Roller (complete)	1-1/2	13-13/16	16	XSA-07020NS	B.B.
15	RY-3215-CL	Water Form Roller	2-1/4	12-5/16	17-5/16	X07-0103	-
53	RY-3253-CL	Hard Oscillator (complete)	1-1/2	12-1/4	17-1/4	X07-0402	-
63	RY-3263-CL	Water Pan Roller	1-1/2	13-1/8	17-3/8	X07-0302NS	-

**4 Roller; continued from page 7.2****on RYOBI MODEL 3200E (4 roll system) - see pg. 7.2: Schematic A**

SCHEMATIC NUMBER	LITH-O-ROLL PART NUMBER	DESCRIPTION	OUTSIDE DIAMETER	SURFACE LENGTH	OVERALL LENGTH	PRESS MFG PART NUMBER	ROLLER INCLUDES
14	RY-3214-CLE	Hard Metering (complete)	1-1/2	13-3/4	16	XSA-070243	-
14	RY-3214-CLES	Hard Metering (special option- shell only)	1-1/2	13-3/4	-	XSA-070243	-
15	RY-3215-CLB	Water Form Roller	2-1/4	13-5/16	17-1/8	X07-0106	-
53	AB-3753-CL	Hard Oscillator (complete)	1-1/2	12-3/4	17-3/8	X07-0403	-
63	RY-3263-CLE	Water Pan Roller	1-1/2	14	17-1/8	X07-0352	-

on RYOBI MODEL 3302/ A.B.DICK 9985/ ITEK 3985 (4 roll system) - see pg. 7.2: Schematic A

SCHEMATIC NUMBER	LITH-O-ROLL PART NUMBER	DESCRIPTION	OUTSIDE DIAMETER	SURFACE LENGTH	OVERALL LENGTH	PRESS MFG PART NUMBER	ROLLER INCLUDES
14	--	Hard Metering (not available from LOR)	-	-	-	XSA-070204NS	-
15	RY-3315-CL	Water Form Roller	2-1/4	13-1/4	16-11/16	X07-0105	-
53	RY-3353-CL	Hard Oscillator (complete)	1-5/8	12-15/16	17	X07-0404	-
63	RY-3363-CL	Water Pan Roller	1-3/4	14	16-7/8	X07-0304NS	-

on HAMADA MODEL 665- 2ND HD. Old Style (4 roll sys.) - see pg. 7.2: Schematic A3

SCHEMATIC NUMBER	LITH-O-ROLL PART NUMBER	DESCRIPTION	OUTSIDE DIAMETER	SURFACE LENGTH	OVERALL LENGTH	PRESS MFG PART NUMBER	ROLLER INCLUDES
14	--	Hard Metering (not available from LOR)	-	-	-	XSA-070213NS	-
15	HSC-615-CL	Water Form Roll (old style)	2-1/4	11-3/4	14-5/8	X07-0113	-
53	--	Hard Oscillator (not available from LOR)	-	-	-	X07-0412	-
63	HSC-663-CL	Water Pan Roller (old style)	1-3/4	12-15/16	14-5/8	X07-0312NS	-

on HAMADA MODEL 665- 2ND HD. New Style Style (4 roll sys.) - see pg. 7.2: Schematic A2

SCHEMATIC NUMBER	LITH-O-ROLL PART NUMBER	DESCRIPTION	OUTSIDE DIAMETER	SURFACE LENGTH	OVERALL LENGTH	PRESS MFG PART NUMBER	ROLLER INCLUDES
14	--	Hard Metering (not available from LOR)	-	-	-	XSA-070205	-
15	HSC-615-CLB	Water Form Roll (new style) (w/ ball bearings)	2-1/8	11-3/4	12-3/4	X07-0107	B.B.
53	--	Hard Oscillator (not available from LOR)	-	-	-	X07-0437	-
63	HSC-663-CLB	Water Pan Roller (new style)	1-7/8	12-1/4	15-3/16	X07-0306	-

on HAMADA MODEL 775- 2ND HD. / E47- 2ND HD. Old Style (4 roll sys.) - see pg. 7.2: Schematic A3

SCHEMATIC NUMBER	LITH-O-ROLL PART NUMBER	DESCRIPTION	OUTSIDE DIAMETER	SURFACE LENGTH	OVERALL LENGTH	PRESS MFG PART NUMBER	ROLLER INCLUDES
14	--	Hard Metering Roll (not available from LOR)	-	-	-	SA-070214NS	-
15	HSC-715-CL	Water Form Roller	2-1/4	18-1/8	21-3/16	X07-0114	-
53	HSC-753-CL	Hard Oscillator (complete)	1-3/16	18-1/16	19-15/16	X07-0413	-
63	HSC-763-CL	Water Pan Roller (old style)	1-3/4	19	21-3/16	X07-0313NS	-

on HAMADA MODEL 775/ E47- 2ND HD. New Style (4 roll sys.) - see pg. 7.2: Schematic A2

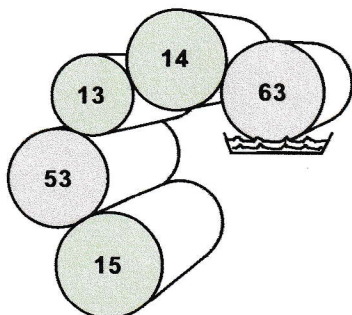
SCHEMATIC NUMBER	LITH-O-ROLL PART NUMBER	DESCRIPTION	OUTSIDE DIAMETER	SURFACE LENGTH	OVERALL LENGTH	PRESS MFG PART NUMBER	ROLLER INCLUDES
14	--	Hard Metering (not available from LOR)	-	-	-	XSA-070206	-
15	HSC-4715-CL	Water Form (new style) (with ball bearings)	2-1/8	18-1/8	19-1/4	X07-0142	B.B.
53	--	Hard Oscillator (not available from LOR)	-	-	-	X07-0438	-
63	HSC-4763-CL	Water Pan Roller (new style)	1-7/8	18-5/8	21-11/16	X07-0349	-



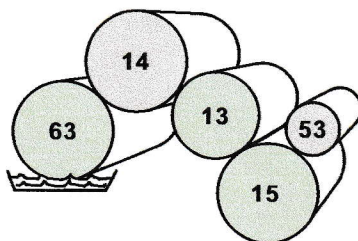
5 Roller Crestline (R) Dampening Systems

(if you have a 4 or 6 roller system, turn to that section for correct replacement rollers)

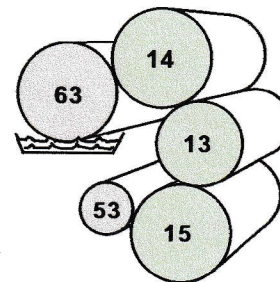
5 Roll; Schematic "B" (ALTRA Series)



5 Roll; Schematic "B2"



5 Roll; Schematic "B3"



Schematic Key :



Metal or Hard Rubber Rollers



Soft Rubber Rollers

on RYOBI MODEL 3200 MCD (5 roll system) -see pg. 7.4: Schematic B2

SCHEMATIC NUMBER	LITH-O-ROLL PART NUMBER	DESCRIPTION	OUTSIDE DIAMETER	SURFACE LENGTH	OVERALL LENGTH	PRESS MFG PART NUMBER	ROLLER INCLUDES
13	RY-3213-CLB	Intermediate Roller (complete)	1-7/8	13-5/16	16-1/4	XSA-07051NS	B.B.
13	RY-3213-CLBS	Intermediate (special option- shell only *)	1-7/8	13-5/16	-	(XSA-07051NS)	B.B.
14	--	Hard Metering (not available from LOR)	-	-	-	XSA-070208NS	-
15	RY-3215-CLB	Water Form Roller	2-1/4	13-5/16	17-1/8	X07-0106	-
53	RY-3253-CLB	Hard Oscillator (complete)	1-3/16	13-1/4	15-7/8	X07-0405	-
63	RY-3263-CLB	Water Pan Roller	1-1/2	14	16-13/16	X07-0305NS	-

on RYOBI MODEL 3302/ A.B.DICK 9985/ ITEK 3985 (5 roll sys.) -see pg. 7.4: Schematic B

SCHEMATIC NUMBER	LITH-O-ROLL PART NUMBER	DESCRIPTION	OUTSIDE DIAMETER	SURFACE LENGTH	OVERALL LENGTH	PRESS MFG PART NUMBER	ROLLER INCLUDES
13	RY-3313-CLA	Intermedite Roll (alternate Crestline # -07006)	2-1/4	13-1/2	15-1/4	XSA-0705332	B.B.
13	RY-3313-CLAS	Intermediate (special option- shell only *)	2-1/4	13-1/2	-	(XSA-0705332)	B.B.
14	RY-3314-CLA	Water Metering Roller (complete)	1-7/8	14	15-3/16	XSA-070234	B.B.
14	RY-3314-CLAS	Water Metering (special option- shell only *)	1-7/8	14	-	(XSA-070234)	B.B.
15	RY-3315-CLA	Water Form Roller (with ball bearings)	2-3/16	13-1/2	16-1/2	X07-0135	B.B.
53	RY-3353-CLA	Hard Osc. Roll (complete)	1-21/32	13-11/16	21-3/4	X07-0431	-
63	RY-3363-CLA	Hard Pan Roll	1-3/4	14-3/8	18-1/32	X07-0338	-

on HAMADA MODEL C-248 (5 roll system) -see pg. 7.4: Schematic B

SCHEMATIC NUMBER	LITH-O-ROLL PART NUMBER	DESCRIPTION	OUTSIDE DIAMETER	SURFACE LENGTH	OVERALL LENGTH	PRESS MFG PART NUMBER	ROLLER INCLUDES
13	HS-213-CL	Intermediate Roller (complete)	1-9/16	18-9/16	20-27/32	XSA-070529	B.B.
13	HS-213-CLS	Intermediate (special option- shell only *)	1-9/16	18-9/16	-	(XSA-070529)	B.B.
14	HS-214-CL	Water Metering Roller (complete)	2-1/32	19-13/16	20-13/16	XSA-070228	B.B.
14	HS-214-CLS	Water Metering (special option- shell only *)	2-1/32	19-13/16	-	(XSA-070228)	B.B.
15	HS-215-CL	Water Form Roller (with ball bearings)	2-1/8	19	22-3/32	X07-0145	B.B.
53	HS-253-CL	Hard Oscillator (complete)	1-1/4	19-1/8	22-3/16	X07-0439	-
63	--	Hard Pan Roll (not available from LOR)	-	-	-	X07-0330	-

* For special savings, items noted as "shell only" do not include the center shafts or other misc. hardware items that can be reused from your old roller. Save and re-install such parts into the new Lith-O-Roll shell provided.

**5 Roller; continued from page 7.4****on HAMADA MODEL 234 (5 roll system) - see pg. 7.4: Schematic B**

SCHEMATIC NUMBER	LITH-O-ROLL PART NUMBER	DESCRIPTION	OUTSIDE DIAMETER	SURFACE LENGTH	OVERALL LENGTH	PRESS MFG PART NUMBER	ROLLER INCLUDES
13	HS-234-13-CL	Intermediate Roller (complete)	1-3/4	13-3/8	15	XSA-070532	B.B.
14	HSC-3414-CL	Water Metering Roller (complete)	1-7/8	13-15/16	15	XSA-070241	B.B.
15	HS-234-15-CL	Water Form Roller (with ball bearings)	2	12-7/8	14-1/4	X07-0144	B.B.
53	--	Hard Osc. Roll (not available from LOR)	-	-	-	X07-0445	-
63	--	Hard Pan Roll (not available from LOR)	-	-	-	X07-0446	-

on HAMADA MODEL RS34/VS34 Parent/DU 34 Upper(5 roll system) - see pg. 7.4: Schematic B3

SCHEMATIC NUMBER	LITH-O-ROLL PART NUMBER	DESCRIPTION	OUTSIDE DIAMETER	SURFACE LENGTH	OVERALL LENGTH	PRESS MFG PART NUMBER	ROLLER INCLUDES
13	HS-3413-CL	Intermediate Roller	1-7/8	12-7/8	14-3/8	XSA-070533	B.B.
13	HS-3413-CLS	Intermediate Roll (special option- shell only *)	1-7/8	12-7/8	-	XSA-070533	B.B.
14	HS-3414-CL	Water Metering Roller (complete)	1-15/16	13-1/4	14-3/8	XSA-070538	B.B.
14	HS-3414-CLS	Metering Roll (special option- shell only *)	1-15/16	13-1/4	-	XSA-070538	B.B.
15	HS-3415-CL	Water Form Roller	2-1/4	12-7/8	14-7/16	X07-0143	-
53	--	Hard Osc. Roll (not available from LOR)	-	-	-	X07-0442	-
63	--	Hard Pan Roll (not available from LOR)	-	-	-	X07-0350	-

on HAMADA MODEL 600 (5 roll sys.) - see pg. 7.4: Schematic B2

SCHEMATIC NUMBER	LITH-O-ROLL PART NUMBER	DESCRIPTION	OUTSIDE DIAMETER	SURFACE LENGTH	OVERALL LENGTH	PRESS MFG PART NUMBER	ROLLER INCLUDES
13	HS-613-CL	Intermediate Roller (complete)	2	11-13/16	15-15/32	XSA-070504	B.B.
13	HS-613-CLS	Intermediate (special option- shell only *)	2	11-13/16	-	(XSA-070504)	B.B.
14	--	Hard Metering Roll (not available from LOR)	-	-	-	XSA-070209NS	-
15	HS-615-CL	Water Form Roller	2-1/4	11-25/32	17-7/32	X07-0117	-
53	HS-653-CL	Hard Oscillator (complete)	1-3/16	11-11/16	14-3/4	X07-0408	-
63	HS-663-CL	Water Pan Roller	2	12-3/4	17-5/16	X07-0308NS	-

on HAMADA MODEL 700/E47/MULTILITH 1850 (5 roll system) - see pg. 7.4: Schematic B2

SCHEMATIC NUMBER	LITH-O-ROLL PART NUMBER	DESCRIPTION	OUTSIDE DIAMETER	SURFACE LENGTH	OVERALL LENGTH	PRESS MFG PART NUMBER	ROLLER INCLUDES
13	HS-713-CL	Intermediate Roller (complete)	2	18-1/8	21-29/32	XSA-070505	B.B.
13	HS-713-CLS	Intermediate (special option- shell only *)	2	18-1/8	-	(XSA-070505)	B.B.
14	--	Hard Metering Roll (not available from LOR)	-	-	-	SA-070210NS	-
15	HS-715-CL	Water Form Roller	2-1/4	18-1/8	23-9/16	X07-0110	-
53	HS-753-CL	Hard Oscillator (complete)	1-3/16	18-1/16	21-9/16	X07-0409	-
63	HS-763-CL	Water Pan Roller	2	19-1/8	23-9/16	X07-0309NS	-

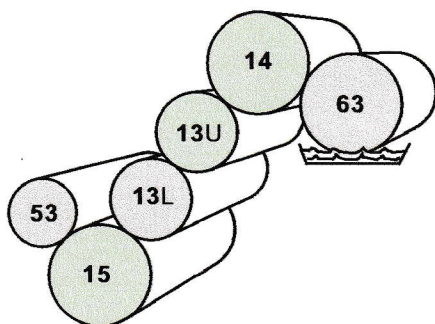
* For special savings, items noted as "shell only" do not include the center shafts or other misc. hardware items that can be reused from your old roller. Save and re-install such parts into the new Lith-O-Roll shell provided.



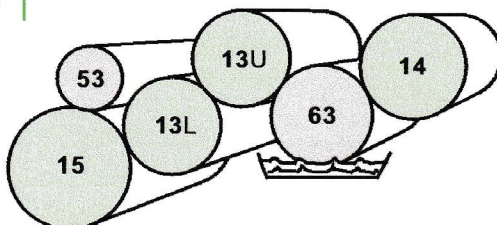
6 Roller Crestline (R) Dampening Systems

(if you have a 4 or 5 roller system, turn to that section for correct replacement rollers)

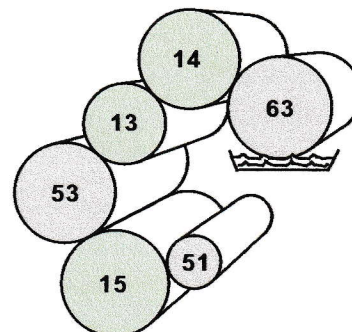
6 Roll; Schematic "C"



6 Roll; Schematic "C2"



6 Roll; Schematic "C3"



Schematic Key :



Metal or Hard Rubber Rollers



Soft Rubber Rollers

on RYOBI MODEL 3302/A.B.DICK 9985/ITEK 3985 (6 roll sys.) - see pg. 7.6: Schematic C

SCHEMATIC NUMBER	LITH-O-ROLL PART NUMBER	DESCRIPTION	OUTSIDE DIAMETER	SURFACE LENGTH	OVERALL LENGTH	PRESS MFG PART NUMBER	ROLLER INCLUDES
13 U	RY-3313-CL	Upper Intermediate Roller (complete)	1-3/4	13-1/4	15-7/8	XSA-070513	B.B.
13 U	RY-3313-CLS	Upper Intermediate (special option- shell only *)	1-3/4	13-1/4	-	(XSA-070513)	B.B.
13 L	--	Lower Intermediate (not available from LOR)	-	-	-	-	-
14	RY-3314-CL	Water Metering Roller (complete)	1-3/4	13-3/4	16-1/8	XSA-070219NS	B.B.
14	RY-3314-CLS	Water Metering (special option- shell only *)	1-3/4	13-3/4	-	(XSA-070219NS)	B.B.
15	RY-3315-CL	Water Form Roller	2-1/4	13-1/4	16-11/16	X07-0105	-
53	RY-3353-CL	Hard Oscillator (complete)	1-5/8	12-15/16	17	X07-0404	-
63	--	Hard Pan Roll (not available from LOR)	-	-	-	X07-0321	-

on HAMADA MODEL RS34/VS34 2nd. HD/ DU 34 Lower(6 roll sys.) - see pg. 7.6: Schematic C2

SCHEMATIC NUMBER	LITH-O-ROLL PART NUMBER	DESCRIPTION	OUTSIDE DIAMETER	SURFACE LENGTH	OVERALL LENGTH	PRESS MFG PART NUMBER	ROLLER INCLUDES
13 U	HS-3414-CL	Upper Intermediate Roll (complete)	2	13-1/4	14-3/8	XSA-070538	B.B.
13 U	HS-3414-CLS	Upper Inter Roll (special option - shell only)	2	13-1/4	-	XSA-070538	B.B.
13 L	HS-3413-CL	Intermediate Roller (complete)	1-7/8	12-7/8	14-3/8	XSA-070533	B.B.
13 L	HS-3413-CLS	Intermediate Roll (special option - shell only)	1-7/8	12-7/8	-	XSA-070533	B.B.
14	HSC-3413-CL	Water Metering Roller (complete)	1-5/8	13-7/8	15-3/16	XSA-070240	B.B.
15	HS-3415-CL	Water Form Roller	2-1/4	12-7/8	16-7/16	X07-143	-
53	--	Hard Osc. Roll (not available from LOR)	-	-	-	X07-0444	-
63	--	Hard Pan Roll (not available from LOR)	-	-	-	X07-0350	-

on HAMADA MODEL 234 (6 roll system) - see pg. 7.6: Schematic C3

SCHEMATIC NUMBER	LITH-O-ROLL PART NUMBER	DESCRIPTION	OUTSIDE DIAMETER	SURFACE LENGTH	OVERALL LENGTH	PRESS MFG PART NUMBER	ROLLER INCLUDES
13	HS-234-13-CL	Intermediate Roller (complete)	1-3/4	13-3/8	15	XSA-070532	B.B.
13	HS-234-13-CLS	Intermediate Roll (special option- shell only)	1-3/4	13-3/8	-	XSA-070532	B.B.
14	HSC-3414-CL	Water Metering Roller (complete)	1-7/8	13-15/16	15	XSA-070241	B.B.
15	HS-234-15-CL	Water Form Roller (with ball bearings)	2	12-7/8	14-1/4	X07-0144	B.B.
51	--	Aux. Hard Osc. Roll (not available from LOR)	-	-	-	X07-0446	-
53	--	Hard Osc. Roll (not available from LOR)	-	-	-	X07-0445	-
63	--	Hard Pan Roll (not available from LOR)	-	-	-	X07-0446	-

* For special savings, items noted as "shell only" do not include the center shafts or other misc. hardware items that can be reused from your old roller. Save and re-install such parts into the new Lith-O-Roll shell provided.

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