	DOCUMENT NUMBER	TRO-09-001	
	Equipment and Capabilities List		
SPECIFICATION	PROCESS OWNER	REVISION	DATE ISSUED
DOCUMENTED QUALITY SYSTEM	Plant Managers / VP of Operations	Rev. 13	03/14/2016

FACILITIES - GENERAL


- 179,800 square feet – Trojan Building
- Company leased trucks and tractors; as well as company owned trailers

PREPRESS

Task or Function	Equipment	Software/Capabilities
Digital	(5) Desk Top Work Stations (MAC)	Adobe Acrobat Adobe Illustrator Adobe Photoshop Adobe InDesign Macromedia Freehand QuarkXPress ScenicSoft PREPs Artios – Esko Graphics Rampage Client Barcode Pro Digital Assistant Management
	Dell PowerVault Tape Library	
	Rampage RIP Workflow System	All files are trapped, ripped, and imposed through our Rampage workflow as ROOM (rip-once-output-many) files. PDF Rip Capabilities work flow
Digital Color Proofing	Fuji Final Proof	
	Epson 9880 (2)	
	Epson 9900	
	GRACoL ISO Standard	G7 Process
	SWOP	
Output Devices (3)	Supresetter 75	23" x 29"

DESIGN

Task or Function	Equipment	Software/Capabilities
Digital	(3) Desk Top Work Stations (1) – MAC and (2) – PC	Adobe Creative Suite Artios – Esko Graphics Strata
	(1) Rip Workstation	Rampage Client
Proofing/Printing	Canon 9500 Plotter	Rolls up to 60" wide
	Epson R2000 Photo Printer	13" x 19"


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DESIGN

Task or Function	Equipment	Software/Capabilities
Laminating	Advanced Greig Laminator (AGL 6400)	Sheet size: 55"
CAD	KONIGSBERG XP CAD TABLE	Sheet size: 87" x 126"


PRESS

Process	Equipment	Details	MIN/MAX Sizes
Folding Carton and Single-Face Litho Lam	KBA Rapida 142	Print units Size Sheet Size Gripper Other	8 color plus coating 40 x 56 23 5/8" x 28 11/32" MIN, 40 5/32" x 55 29/32" MAX 3/8" Qualitronics
	KBA Rapida 142	Print units Size Sheet Size Max Image Size Gripper	6 color plus coating 40 x 56 23 5/8" x 28 11/32" MIN, 40 5/32" x 55 29/32" MAX 39 46/64" x 55 29/32" 3/8"
	Heidelberg XL75 Anicolor	Print units Size Sheet Size Max Image Size Gripper Other	7 Color + Coating 23" x 29" 10" x 14" MIN, 23" x 29 1/8" MAX 23 3/100" x 29 13/100" 3/8" 1 over 6 perfecter
Sheeter	Pemco	Sheet Size	Maximum sheet width 57", Maximum cut off 59", minimum cut off 15 3/4"
Ink Kitchen	X-Rite Color Quality 5.1 Spectroeye Spectrophotometer	Spectrostart software	
	Proof press		
	Grind gauge		
	Sutherland rub tester		
	Scales	Digital Lab Digital Batch	
	Computer Data Storage System		
	Gloss Meter		
	Hockmeyer	Ink Mixer	
Fusion UV Curing Light			

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MANUFACTURING

Process	Equipment	Details	MIN/MAX Sizes
Laminating	Bobst Asitrade	Size Flutes: B, C, F, E, S	21 x 22" MIN, 62 x 72" MAX roll to roll, 63 x 65" MAX top sheet
Die Cutting	Bobst SP 142 CER (blanker)	Size	20 x 28" MIN, 39 x 55" MAX
	Bobst SP 160	Size	15 3/4" x 27 1/2" MIN, 43 x 63" MAX
	Bobst SP 142 E-SP	Size	20 x 28" MIN, 39 x 55" MAX
	Bobst SP 1260	Foil and Emboss Size	13.875 x 19.75" MIN, 36.25 x 49.5" MAX
	Brause 1050 SEF	Foil and Emboss Size	14.5 x 15.75 MIN, 29.25 x 41.125 MAX
	Brause 1050 SE		14.5 x 15.75 MIN, 28 x 40 MAX
Labelaire	(4) Label-Aire 3111/14	Size	1" x 1" MIN
Ream Cutting	Itoh 147	Sheet Size	58 x 58" MAX
	(1) Polar 115 EMC Monitor Cutter	Sheet Size	Will accommodate any minimum, 45 x 45" MAX
Finishing	Bobst Domino 165 II		7 x 6" MIN folded size, 43 x 65" MAX blank size
	Bobst Domino 165		6 x 6" MIN folded size, 43 x 65" MAX blank size
	Video Jet Printer	Print Size Print in-line	2" MAX Height x Any Length
	Handle Applicator	On Turbox only	
	Pack Smart		55" x 55" Sheet size
	Brause 1100-C6		2 3/4 x 2 3/4" MIN folded size, 40" wide MAX blank size
	Post CPL Straight Line		6 x 6" MIN folded size, 54" (feed) MAX blank size, 50" (machine)
	Bahmuller Folder Gluer with TopMatcher (6) Kleen Stick Applicator Heads	Tape Size	1/2" - 2"
Window Machine		Blank Size Window Size	4 x 3 1/8" MIN, 40 1/8 x 26" MAX 1 1/4 x 2" MIN, 40 1/8 x 18 5/16" MAX
Window Patcher & Die Cutter		Blank Size Window Size	1 1/2" X 2" MIN, 2" MAX 22 1/2 "MIN X 22 3/4" MAX
Overprint	(2) OTC Model 5"s	Tractor fed high speed laser label printers	
	Dot Matrix Printer	24 pin	
Single Task	Crathern & Smith™ Laminator	Label Size Board Size	12 x 4" MIN, 45 x 77" MAX 15 x 15" MIN, 45 x 100" MAX

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		Maximum Label Cover	1/8" smaller than stock
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PACK & ASSEMBLY

Task or Function	Equipment	Software/Capabilities
Shrink Film Applicator	Shanklin	
	Shanklin heat tunnel	

DOCUMENT CHANGE HISTORY:

REV No.	DATE ISSUED	DESCRIPTION OF CHANGE(S)
Draft	08/03/10	New document issued
Release	08/26/10	Document approved for use
Rev. 7	04/30/14	Removed Angle, added Pack Smart, Design equipment and P&A
Rev. 8	01/16/15	Remove Akiyama, various adds/removals to Manufacturing section
Rev. 9	04/16/15	Change Max size for Brausse 1050 SE per D. Stroklund, remove Sugano, update Prep devices, add Heidelberg information per M. Schoeppach.
Rev. 10	04/21/15	Video Jet/Handler Applicator added to Finishing section.
Rev.11	08/07/15	Added the Min/Max sizes for window patcher and die cutter
Rev. 12	12/07/15	Updated min/max for Heidelberg.
Rev. 13	03/14/16	Added max image size to KBA and Heidelberg, Updated minimum size for 160