

THE UNFAIR ADVANTAGE

INSTA.COLOR | LED-UV CURING | 8-UP PRINTING | 16,000 SPH



RYOBI MHI
Graphic Technology Ltd.



9 SERIES

graphco

RMGT 9 SERIES

Plate Size & Usage Comparison Producing 16 Page Signature

RMGT 9 SERIES

36"

26"



8% WASTE

THE TALE OF THE TAPE:

936 Square Inches Total Plate Surface

-864 Square Inches Total Image Area

72 Square Inches Wasted Plate

Average Plate Cost: \$6.50

8% Waste Factor (\$0.52)

Average Savings Per 4-Color Job: \$11

Average 8-10 Runs / Shift = \$99 / Savings Per Shift

Days Per Month (21) = \$2,079 / Savings Per Month

Annual Savings Per Shift = \$24,948

Annual Savings Per Two Shifts = \$49,896

Annual Savings Per Three Shifts = \$74,844

KOMORI GL 40

41"

HEIDELBERG XL 105



32"

THE TALE OF THE TAPE:

1312 Square Inches Total Plate Surface

-864 Square Inches Total Image Area

448 Square Inches Wasted Plate

Average Plate Cost: \$9.25

34% Waste Factor (\$3.15)

Average Cost Increase Per 4-Color Job: \$11

Average 8-10 Runs / Shift = \$99 / Cost Increase Per Shift

Days Per Month (21) = \$2,079 / Cost Increase Per Month

Annual Cost Increase Per Shift = \$24,948

Annual Cost Increase Per Two Shifts = \$49,896

Annual Cost Increase Per Three Shifts = \$74,844

RMGT's LED-UV Leadership Brings These Benefits to Your Pressroom

RMGT Production Advantages with LED-UV

- Significantly higher press speeds yield higher production levels and more profit
- Much faster turnaround improves cash flow
- All major special effects printing (Chemical Emboss, High Gloss, Satin and Matte Coatings, etc.) open doors to high value-added print
- Zero heat distortion on thin stocks and plastics
- Zero dry back means scanning and quality control is instant and consistent
- Much lower ink usage through elimination of daily ink wash ups
- Weekly wash ups saves hours per week (5-6 on average)
- Blanket, impression, ink roller and overall press cleaning is much faster because LED-UV inks only cure with on press LED-UV lamps

Powder-Free Pressroom

- Cleaner pressroom environment saves on maintenance in all areas
- No down stream finishing pollution in folders, binders, etc.
- UV coat, laminate, foil stamp, etc. without issue
- Fewer blanket washes for higher throughput
- Fewer hickeys for higher print quality
- Less cutter draw from powder slippage
- Consistent and even press lifts for second side print and finishing

Environmental Advantages of LED-UV for Your Pressroom

- Massive energy savings (80%+ versus Hot UV / 60% versus IR/Hot Air)
- Much lower pressroom temperatures means much less A/C cost
- Low energy chillers do not require mounting outside the building for easy maintenance and low cost installation
- Cooler press means less wear and tear and lower maintenance costs
- Instant curing means no offsetting
- Instant On and Off technology saves energy every day
- Virtually maintenance free with 15,000+ hour lamp life
- Zero ozone emissions means a safer and healthier pressroom



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