

DUPLIMATE TOTAL COST OF OWNERSHIP OVER 10 YEARS

EXAMPLE 1; HEAVY DUTY

Barometer game 10 times a week, 50 weeks per year, where 10 tables are playing 13 2-boards rounds. It is assumed that the boards are shared; therefore “only” 6 duplicates of each board is prepared.

Duplimate machine	3,500	
Maintenance Duplimate machine	1,000	
Value Duplimate after 10 years.....	/ 500	
Boards 520 pcs @ 2.49	1,295	
Value boards after 10 years.....	/ 400	
Cards ¹ 1,800 decks @ 1.25	2,250	
Labour ² (6 x 10 x 50 x 10 = 50,000 sets x 0.072 x 40) ...	<u>86,400</u>	
TOTALLY	\$ 93,545	(= \$18.70/session= 1.87 per table)

Conclusion: High output is crucial when time counts, i.e. when there are plenty duplicates to make.

EXAMPLE 2; MEDIUM SIZE CLUB

Average of 13 tables Mitchell 4 sessions a week, 50 weeks per year.

Duplimate machine	3,500	
Maintenance Duplimate machine.....	500	
Value Duplimate after 10 years.....	/ 700	
Boards 4 sets of 36 @ 2.49	359	
Value boards after 10 years.....	/ 100	
Cards ¹ (13x26x4x50/750 ≈ 900 @ 1.25)	1,125	
Labour ² (4 x 50 x 10=2,000 sets x 0.072 x 40)	<u>5,760</u>	
TOTALLY	\$ 10,444	(= \$5.22/session = 0.40/table)

Conclusion: Time is money — unless you have volunteers doing the duplication. It should also be noted that the playing cards are not as big part of the expenses as you might think.

EXAMPLE 3; SMALL CLUB

One (in average) 13 tables Mitchell a week, 40 weeks per year.

Duplimate machine	3,500	
Maintenance Duplimate machine.....	200	
Value Duplimate after 10 years.....	/ 1,000	
Boards 36 pcs @ 2.49	90	
Value boards after 10 years.....	/ 40	
Cards ¹ (13x26x40x10/750 ≈ 180 @ 1.25).....	225	
Labour ² (40 x 10 = 400 sets x 0.072 x 40)	<u>1,152</u>	
TOTALLY	\$ 4,127	(= \$10.32/session* = 0.79/table)

* \$ 7.43/session (0.57/table) if volunteers do the work.

Conclusion: The purchase price for the machine, and the second hand value of it, becomes increasingly important when there are fewer duplicates to make.

¹ The cards will need to be replaced when the players have picked them in and out from the boards approximately 750 times.

² A good operator can duplicate 10 sets of 36 boards per hour. It is assumed that a good operator is paid \$40 an hour. That is to say, one (average) set of 26 boards takes 26/360 = 0.072 hrs = \$ 2.89.