

## DUPLIMATE TOTAL COST OF OWNERSHIP OVER 10 YEARS

### EXAMPLE 1; HEAVY DUTY

Teams (or barometer)

30 sets of 32 (in average) per week, 50 weeks a year.

Duplimate machine.....	2,680	
Maintenance Duplimate machine .....	100	
Value Duplimate after 10 years...../.	500	
Boards 960 pcs @ 1.41.....	1,350	
Value boards after 10 years...../.	500	
Cards <sup>1</sup> 1,280 decks @ 0.85.....	1,088	
Labour (30x50x10 = 15,000 sets x 0.072x30).....	<u>32,400</u>	
TOTALLY.....	€ 36,618	(= € 2.44/set)

**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.....	2,680	
Maintenance Duplimate machine.....	100	
Value Duplimate after 10 years...../.	700	
Boards 4 sets of 36 @ 1.41.....	233	
Value boards after 10 years...../.	80	
Cards <sup>1</sup> (13x26x4x50x10/750 ≈ 900 @ 0.85).....	765	
Labour <sup>2</sup> (4 x 50 x 10=2,000 sets x 0.072 x 30).....	<u>4,320</u>	
TOTALLY.....	€ 7,318	(= € 3.66/set)

**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

Playing (in average) 9 tables a week, 50 weeks per year.

Duplimate machine.....	2,680	
Maintenance Duplimate machine.....	0	
Value Duplimate after 10 years...../.	800	
Boards 36 pcs @ 1.62.....	58	
Value boards after 10 years...../.	30	
Cards <sup>1</sup> (9x27x50x10/750 ≈ 162 @ 0.85).....	138	
Labour <sup>2</sup> (50 x 10 = 500 sets x 0.075 x 30).....	<u>502</u>	
TOTALLY.....	€ 2,548	(= €5.10/set)

\* € 4.09/set 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.

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

<sup>2</sup> A good operator can duplicate 10 sets of 36 boards per hour. It is assumed that a good operator is paid € 30 an hour. That is to say, one (average) set of 26 boards takes  $26/360 = 0.072$  hrs = € 1.94.

Note that the aforementioned are **examples** and that you should make should make your own calculations.