

Game Name: Match Madness

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CARDS: NUMBER OF DECKS

Match Madness shall be played with one, four, six, seven, or eight 52-card decks of cards with backs of the same color and design.

BASIC CONCEPTS

There will be two wagers named “Match Me” and “Match Me 2”.

Players will have the option to play both bets, or one of the two bets.

Players will be dealt three cards each. And the dealer will have two cards, each of which will be placed at a designated spot, “Match Me” spot or “Match Me 2” spot.

In order to win the “Match Me” bet, the player has to have one or more of his/her three cards match with the dealer’s “Match Me” card in rank.

In order to win the “Match Me 2” bet, the player has to have one or more of his/her three cards match with the dealer’s “Match Me 2” card in rank.

If the game is played with a single deck, for each match bet, there will be four different types of matches for four different payouts:

Un-colored Match (Ex. Player’s King Diamond vs. dealer’s King of Spade);

Colored Match (Ex. Player’s Ace of Club vs. dealer’s Ace of Spade);

Double Match (Ex. Player’s Pair of Fives vs. dealer’s Five);

Triple Match (Ex. Player’s three Eights vs. dealer’s Eight).

Player can only win one of the four payouts for each match bet.

If the game is played with multi-decks (4, 6, or 8 decks), for each match bet, there will be five different types of matches for different payouts:

Un-suited Match (Ex. Player’s Queen of Diamond vs. dealer’s Queen of Heart);

Suited Match (Ex. Player’s Eight of Spade vs. dealer’s Eight Spade);

Double Match (Ex. Player’s pair of Jacks vs. dealer’s Jack);

Triple Match (Ex. Player’s three Aces vs. dealer’s Ace);

Triple Suited (Ex. Player’s three Kings of Heart vs. dealer’s King of Heart).

Player can only win one of the five payouts for each match bet.

PLAY AND DEAL THE GAME FOR SINGLE DECK

- An automatic dealing machine shall be used for this game.
- The player has the option to play both bets, or one of the two bets.
- Once all the bets are placed, the dealer shall deliver the first stack of three cards dispensed by the automated dealing machine face down to the player farthest to the dealer's left who has placed a wager. As the remaining stacks are dispensed, the dealer shall, moving clockwise around the table, deliver a stack to each of the other players who has placed a wager. The dealer will not deal cards to the empty spots.
- After every player receives his/her cards, the dealer will deal three cards to himself face down. The dealer will place the top card on the "Match Me" spot, and place the middle card on the "Match Me 2" spot, and discard the bottom card into the discard rack.
- The dealer shall remove the remaining portion of the deck from the automated dealing machine, and place the cards in the discard rack.
- The dealer will turn over his "Match Me" card.
- After the players look at their cards, and turn the cards over, dealer shall pay or take the "Match Me" bet beginning with the player farthest to the right of the dealer continuing counterclockwise around the table.
- The dealer will turn over the "Match Me 2" card, and pay or take the "Match Me 2" bet beginning with the player farthest to the right of the dealer continuing counterclockwise around the table.
- The dealer will pick up all the cards in order and placed in the discard rack.
- The dealer will start the next round of play.

PLAY AND DEAL THE GAME FOR MULTI-DECK

- A standard Blackjack dealing shoe shall be used. Standard Blackjack shuffling procedure shall be used, or a shuffle machine may be used.
- The dealer shall offer the player to cut the decks with a standard blackjack cut card.
- The dealer shall, starting from the player farthest to the dealer's left moving clockwise around the table, deliver one card to each player who has wagered. After every player receives the first card, the dealer shall deliver one card to himself. And the second and the third card shall be delivered the same way, however, the dealer doesn't not receive the third card. Player's cards shall all be face up. And dealer's cards shall be face down and placed in the designated spots. The first card shall be placed on the "Match Me 2" spot, and the second card shall be placed on the "Match Me" spot.
- The dealer will turn over his "Match Me" card, and pay or take the "Match Me" bet beginning with the player farthest to the right of the dealer continuing counterclockwise around the table.
- The dealer will turn over the "Match Me 2" card, and pay or take the "Match Me 2" bet beginning with the player farthest to the right of the dealer continuing counterclockwise around the table.
- The dealer will pick up all the cards in order and placed in the discard rack.
- The dealer will start the next round of play.

PAYOUTS AND OTHER STATISTICS

The statistics provided in this section is calculated using mathematical probability methods. A statistical analysis report using computer simulation provided by Caliber Consulting Group is enclosed.

Single Deck

	<u>Payout</u>	<u>Hit Rate</u>
Uncolored match	3 to 1	1/9.2
Colored match	6 to 1	1/18.5
Double match	10 to 1	1/145
Triple match	200 to 1	1/20,825
	<u>Total Hit Rate</u>	<u>1/5.9 (16.95%)</u>
	<u>House advantage</u>	<u>10.18%</u>

Four Decks

	<u>Payout</u>	<u>Hit Rate</u>
Unsuited match	1 to 1	1/6.6
Suited match	6 to 1	1/26.5
Double match	20 to 1	1/72.3
Triple match	100 to 1	1/3,209.1
Triple suited	1000 to 1	1/1,456,935
	<u>Total Hit Rate</u>	<u>1/4.9 (20.29%)</u>
	<u>House advantage</u>	<u>11.092%</u>

Six Decks
(Option 1)

	<u>Payout</u>	<u>Hit Rate</u>
Unsuited match	1 to 1	1/6.7
Suited match	6 to 1	1/24.0
Double match	18 to 1	1/68.1
Triple match	100 to 1	1/2819.5
Triple suited	1000 to 1	1/496,512
	<u>Total Hit Rate</u>	<u>1/4.8 (20.65%)</u>
	<u>House advantage</u>	<u>9.235%</u>

Six Decks
(Option 2)

	<u>Payout</u>	<u>Hit Rate</u>
Unsuited match	1 to 1	1/6.7
Suited match	5 to 1	1/24.0
Double match	20 to 1	1/68.1
Triple match	100 to 1	1/2819.5
Triple suited	1000 to 1	1/496,512
	<u>Total Hit Rate</u>	<u>1/4.8 (20.65%)</u>
	<u>House advantage</u>	<u>10.462%</u>

<u>Seven Decks</u>	(Option 1)	<u>Payout</u>	<u>Hit Rate</u>
Unsuited match		1 to 1	1/6.7
Suited match		6 to 1	1/23.4
Double match		16 to 1	1/67.0
Triple match		125 to 1	1/2,721.6
Triple suited		1000 to 1	1/395,313
		<u>Total Hit Rate</u>	<u>1/4.82 (20.75%)</u>
		<u>House advantage</u>	<u>10.883%</u>

<u>Seven Decks</u>	(Option 2)	<u>Payout</u>	<u>Hit Rate</u>
Unsuited match		1 to 1	1/6.7
Suited match		5 to 1	1/23.4
Double match		20 to 1	1/67.0
Triple match		100 to 1	1/2,721.6
Triple suited		1000 to 1	1/395,313
		<u>Total Hit Rate</u>	<u>1/4.82 (20.75%)</u>
		<u>House advantage</u>	<u>9.187%</u>

Eight Decks
(Option 1)

	<u>Payout</u>	<u>Hit Rate</u>
Unsuited match	1 to 1	1/6.7
Suited match	6 to 1	1/23.0
Double match	16 to 1	1/66.2
Triple match	100 to 1	1/2651.6
Triple suited	1000 to 1	1/337,893
	<u>Total Hit Rate</u>	<u>1/4.8 (20.82%)</u>
	<u>House advantage</u>	<u>9.912%</u>

Eight Decks
(Option 2)

	<u>Payout</u>	<u>Hit Rate</u>
Unsuited match	1 to 1	1/6.7
Suited match	5 to 1	1/23.0
Double match	20 to 1	1/66.2
Triple match	100 to 1	1/2651.6
Triple suited	1000 to 1	1/337,893
	<u>Total Hit Rate</u>	<u>1/4.8 (20.82%)</u>
	<u>House advantage</u>	<u>8.225%</u>