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House Way Pai Gow is a new casino table game developed by New Vision Gaming. Players have the option of placing three Pai Gow bets along with three Bonus Bets. The game is dealt from a single standard deck of cards with a joker and can be played by up to 6 players on a standard blackjack-size table. The joker can be used as an Ace or to complete a straight, flush and straight flush.

As with traditional Pai Gow a 5% commission is charged to all winning Pai Gow bets. No commission is charged on any winning Bonus Bets.

House Way Pai Gow provides a game where no knowledge of the rules of Pai Gow Poker will be necessary to play the game.

Players have the option of wagering on three separate Pai Gow Poker hands as well as three separate Bonus bets. Players can only make bonus bets on hand(s) that they make Pai Gow bets on.

To play the game, players only have to choose one out of the three Pai Gow hands. Bonus Bets will be optional for the player to participate in. There will be three circles with the following names for players to place their wagers on, hand 1, hand 2, and hand 3. Each of the three pai gow hands will have a correlating Bonus spot representing each of the Pai Gow hands for each player to make an optional bonus bet.

To start the game players choose which number(s) they believe will be a winning hand. Players choosing to make a bonus bet must also place their bet(s) at this time.

After all wagers have been placed, the dealer will deal one Banker hand and three player hands. Both the Banker hand and the player hands will be arranged by the dealer using the casino's House Way of setting the cards to determine the winner. The Banker hand is first to be revealed and arranged according to the casino's House Way. After arranging the Banker hand, player hand number 1 will be revealed. Hand 2 and Hand 3 will repeat this procedure comparing their hand to the banker hand.

Players that have wagered on qualifying bonus hand(s) will be paid according to one of the following Pai Gow Bonus pay tables:

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Pai Gow Bonus Pay Tables

Hand Type	Table A	Table B	Table C
5 Aces	1000	500	500
Royal Flush	250	250	200
Straight Flush	50	50	40
Four of a Kind	25	25	25
Full House	5	5	5
Flush	4	4	4
Three of a Kind	3	3	3
Straight	2	2	2

Hand Type	Table D	Table E
5 Aces	500	500
Royal Flush	200	200
Straight Flush	50	50
Straight Flush with Joker	30	30
Four of a Kind	25	25
Full House	5	6
Flush	4	4
Three of a Kind	3	3
Straight	2	2

All payoff odds are "to 1."

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Pai Gow Bonus Bet

There are $C_{53,7} = 154,143,080$ ways to deal seven cards from a 53-card deck. A computer program was written to determine the probability distribution below.

Pay Table A

Hand Type	Ways	Probability in %	Pay	Contribution in %
5 Aces	1128	0.00073179	1000	0.731788
Royal Flush	26132	0.01695308	250	4.238270
Straight Flush	184832	0.11990937	50	5.995469
Four of a Kind	307472	0.19947182	25	4.986795
Full House	4188528	2.71729876	5	13.586494
Flush	6172088	4.00412915	4	16.016517
Three of a Kind	7672500	4.97751829	3	14.932555
Straight	11034204	7.15841671	2	14.316833
Nothing	124556196	80.80557103	-1	-80.805571
Total	154143080	100.00000000		-6.000851

Pay Table B

Hand Type	Ways	Probability in %	Pay	Contribution in %
5 Aces	1128	0.00073179	500	0.365894
Royal Flush	26132	0.01695308	250	4.238270
Straight Flush	184832	0.11990937	50	5.995469
Four of a Kind	307472	0.19947182	25	4.986795
Full House	4188528	2.71729876	5	13.586494
Flush	6172088	4.00412915	4	16.016517
Three of a Kind	7672500	4.97751829	3	14.932555
Straight	11034204	7.15841671	2	14.316833
Nothing	124556196	80.80557103	-1	-80.805571
Total	154143080	100.00000000		-6.366744

Pay Table C

Hand Type	Ways	Probability in %	Pay	Contribution in %
5 Aces	1128	0.00073179	500	0.365894
Royal Flush	26132	0.01695308	200	3.390616
Straight Flush	184832	0.11990937	40	4.796375
Four of a Kind	307472	0.19947182	25	4.986795
Full House	4188528	2.71729876	5	13.586494
Flush	6172088	4.00412915	4	16.016517
Three of a Kind	7672500	4.97751829	3	14.932555
Straight	11034204	7.15841671	2	14.316833
Nothing	124556196	80.80557103	-1	-80.805571
Total	154143080	100.00000000		-8.413492

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Pay Table D

Hand Type	Ways	Probability in %	Pay	Contribution in %
5 Aces	1128	0.00073179	500	0.365894
Royal Flush	26132	0.01695308	200	3.390616
Straight Flush	38728	0.02512471	50	1.256235
St. Flush with Joker	146104	0.09478466	30	2.843540
Four of a Kind	307472	0.19947182	25	4.986795
Full House	4188528	2.71729876	5	13.586494
Flush	6172088	4.00412915	4	16.016517
Three of a Kind	7672500	4.97751829	3	14.932555
Straight	11034204	7.15841671	2	14.316833
Nothing	124556196	80.80557103	-1	-80.805571
Total	154143080	100.00000000		-9.110092

Pay Table E

Hand Type	Ways	Probability in %	Pay	Contribution in %
5 Aces	1128	0.00073179	500	0.365894
Royal Flush	26132	0.01695308	200	3.390616
Straight Flush	38728	0.02512471	50	1.256235
St. Flush with Joker	146104	0.09478466	30	2.843540
Four of a Kind	307472	0.19947182	25	4.986795
Full House	4188528	2.71729876	6	16.303793
Flush	6172088	4.00412915	4	16.016517
Three of a Kind	7672500	4.97751829	3	14.932555
Straight	11034204	7.15841671	2	14.316833
Nothing	124556196	80.80557103	-1	-80.805571
Total	154143080	100.00000000		-6.392793

The hit frequency is 19.19%.

A Summary of House Advantages

Pay Table	A	B	C	D	E
House Advantage	6.00%	6.37%	8.41%	9.11%	6.39%

As in traditional Pai Gow Poker, the house advantage on the regular Pai Gow bet should be between 2.4% and 2.8%, depending on the house-way strategy.

House Way Pai Gow should enhance player appeal for Pai Gow Poker players where only even money payoffs are possible. For players who thrill at winning a large bonus award, the three bonus side bets should give them a chance to take a shot at it.

HOUSE WAY PAI GOW

Poker

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The object of the game is for the player to choose a number representing a winning Pai Gow Poker hand. Players have the option to wager on one or all three Pai Gow hands.

A single standard deck of playing cards with a Joker will be used in dealing House Way Pai Gow.

To start the game, players need to select at least one of the three Pai Gow hands in order to participate in the game. Players shall place their wagers on any of the three numbered circles prior to the start of each round; this will indicate which hand(s) each player chooses to wager on.

Bonus bets are optional, and must be placed on the circle marked Bonus prior to the start of each round. It will be at the casino's discretion to allow players to make a bonus bet without placing a wager on the correlating Pai Gow Poker hand.

When all wagers are in place, the dealer shall deal three Player hands and one Banker hand to the appropriate spots on the table layout. All three Player hands will be compared to the one banker hand. Both the Banker hand and the Players hands will be set according to the Casino's House Way.

The dealer will first reveal the banker hand, proceeded by revealing Hand 1 of the players hand. Starting from the dealers right to left, Bonus Bets and Pai Gow Bets will be settled for Hand 1, the same process will continue for hands two and three.

A 5% commission will be taken on all winning Pai Gow Poker hands. No commission will be taken on winning Bonus Bets.

Players that have a qualifying bonus hand(s) will be paid according to the following pay schedule.

5 Aces	500 to 1
Royal Flush	200 to 1
Straight Flush	50 to 1
St. Flush with Joker	30 to 1
Four of a Kind	25 to 1
Full House	5 to 1
Flush	4 to 1
Three of a Kind	3 to 1
Straight	2 to 1

Players will be paid their bonus money even if the dealer beats their hand.

John Feola
New Vision Gaming
Patent Pending

BANKER PLAYER

HOUSE WAY PAI GOW

Bonus 1 Bonus 2 Bonus 3
Pai Gow Bet Pai Gow Bet Pai Gow Bet
Hand 1 Hand 2 Hand 3

Bonus 1 Bonus 2 Bonus 3
Pai Gow Bet Pai Gow Bet Pai Gow Bet
Hand 1 Hand 2 Hand 3

Bonus 1 Bonus 2 Bonus 3
Pai Gow Bet Pai Gow Bet Pai Gow Bet
Hand 1 Hand 2 Hand 3

Bonus 1 Bonus 2 Bonus 3
Pai Gow Bet Pai Gow Bet Pai Gow Bet
Hand 1 Hand 2 Hand 3

Bonus 1 Bonus 2 Bonus 3
Pai Gow Bet Pai Gow Bet Pai Gow Bet
Hand 1 Hand 2 Hand 3

Bonus 1 Bonus 2 Bonus 3
Pai Gow Bet Pai Gow Bet Pai Gow Bet
Hand 1 Hand 2 Hand 3

Hand 1
Hand 2
Hand 3