



JOE LOMBARDO  
Governor

## NEVADA GAMING CONTROL BOARD

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April 1, 2024

Las Vegas  
(702) 383-7500  
Fax: (702) 486-2230

Mr. William E. Stevens III  
Product Quality Manager  
AGS, LLC  
5475 South Decatur Boulevard, Suite 100  
Las Vegas, Nevada 89118  
[w.stevens@playags.com](mailto:w.stevens@playags.com)

Re: Case #24LV00285  
"Bonus Spin Xtreme for Blackjack – Version 4"

Dear Mr. Stevens:

The Nevada Gaming Control Board's Enforcement Division has reviewed your information regarding the game variation, "Bonus Spin Xtreme for Blackjack – Version 4." "Bonus Spin Xtreme for Blackjack – Version 4" can be configured for standard Blackjack games using 1, 2, 6, or 8 standard 52-card decks. The amount of the wager is \$1, \$2, or \$5.

"Bonus Spin Xtreme for Blackjack – Version 4" offers a "Power Up" award feature. An electronic virtual wheel is spun when a qualifying trigger event occurs. The trigger event is met when the Player is dealt an initial Blackjack (an Ace and a ten-valued card) on the hand the wager was placed on, then the player will be awarded a spin of the base prize wheel. If the player achieves a result of "Power Up" on the base prize wheel they will then be awarded a spin of the outer wheel, which is the "Power Up" prize. The base prize wheel and the power up prize wheel payout according to the enclosed paytables.

Note: The operator can configure the side wager as optional or mandatory and the progressives are designed to be linkable across other games using Bonus Spin Xtreme (locally only).

The Nevada Gaming Control Board's Technology Division reviewed the mathematical analysis certification from a Nevada independent test laboratory. This review determined that the theoretical returns for the paytables submitted for the game were within regulatory limits.

Approval is granted to operate "Bonus Spin Xtreme for Blackjack – Version 4" as a variation to Blackjack, which is a statutorily approved game; a field trial will not be necessary.

Further questions regarding this matter should be directed to the Enforcement Division's Operations Unit at 555 East Washington Avenue, Suite 2600, Las Vegas, Nevada 89101.

Sincerely,

Kristi S. Torgerson  
Chief of Enforcement

KST/SJC

By email

cc: Enforcement (Las Vegas/Laughlin/Carson City/Reno/Elko)

Enclosures

## PAYTABLES

Triggering Event	\$1, \$2, \$5 Wager
Player's Initial Hand is a Ace and a 10-valued Card (Blackjack)	Wheel

### Base Wheel

Pay - \$1 Wager	Pay - \$2 Wager	Pay - \$5 Wager
\$30	\$50	\$150
\$25	\$40	\$125
\$15	\$35	\$100
\$12	\$30	\$75
POWER UP	POWER UP	POWER UP
\$10	\$17	\$50
\$7	\$12	\$35
\$5	\$10	\$25

### Power Up Wheel

Pay - \$1 Wager	Pay - \$2 Wager	Pay - \$5 Wager
Primary	Primary	Primary
Secondary	Secondary	Secondary
\$200	\$500	\$500
\$100	\$250	\$400
\$75	\$200	\$350
\$60	\$150	\$300
\$55	\$125	\$275
\$50	\$100	\$250
\$45	\$80	\$225
\$40	\$75	\$200

AGS  
5475 S. Decatur Blvd., Suite 100. Las Vegas, NV 89118  
Tel 702-722-6700  
PlayAGS.com



MARCH 12, 2024

Sent via Federal Express:

Nevada Gaming Control Board  
555 East Washington, Suite 2600  
Las Vegas, NV 89101

**RECEIVED**

MAR 13 2024

GCB LAS VEGAS  
ENFORCEMENT DIVISION

# 24LV00285

AGS, LLC respectfully requests review and approval by the Nevada Gaming Control Board, of our game Blackjack Bonus Spin Xtreme version 4 Power Up.

Modification:

- New Math Paytable
  - Adding the Power Up Feature
- Wager may be configured as either \$1, \$2, or \$5
- The Trigger Event is based on the Player's Hand and not the Dealer's.
- Can be used with 1,2,6, or 8 Decks of cards
  - Previous versions were 1,2,4,6 or 8 Decks of cards.
- Prize Wheel now consists of an inner Prize Wheel and Outer Prize Wheel ("Power Up")
  - Previous versions had a Community Prize Wheel (inner wheel), The Hot-Spot Wheel (middle wheel), and the Hot Spot Prize Wheel (outer wheel)

The required release forms should be on file with NGCB from previous submissions. Please deduct any fees needed to process this submission from the AGS revolving account #32786-01.

If you have any questions or require more information, please do not hesitate to contact me at 702.724.1108 (office), 702.569.8662(cell), or via email at [w.stevens@playags.com](mailto:w.stevens@playags.com).

Respectfully,

A handwritten signature in black ink, appearing to read 'W. Stevens III'.

William E Stevens III

PRODUCT QUALITY MANAGER



## Bonus Spin Xtreme (BSX) for Blackjack Games

### Rules of Play Version 4 Power Up

***Bonus Spin Xtreme - Power Up*** for Blackjack games can be configured as optional or mandatory side wager and features an electronic virtual wheel which is spun when a qualifying trigger event occurs. Bonus Spin Xtreme – Power Up for Blackjack can be configured for standard Blackjack games using 1, 2, 6, or 8 standard 52-card decks. The amount of the wager is \$1, \$2, or \$5. If configured as optional the player may place the Bonus Spin Xtreme wager at the beginning of the game, at the same time as their mandatory main wager. If configured as mandatory the player will place the Bonus Spin Xtreme wager at the beginning of the game, at the same time as their mandatory main wager. Bonus Spin Xtreme – Power Up uses a single device consisting of an inner prize wheel and an outer prize wheel:

- The Inner Prize Wheel (Base Prize Wheel) is for all participating Bonus Spin Xtreme players to win if a trigger event occurs.
- The Outer Prize Wheel (Power Up) is Awarded if the player's outer spin results in the Power Up Award.

The qualifying Bonus Spin Xtreme – Power up for Blackjack trigger event is met when the Player is dealt an initial Blackjack (an Ace and a ten-valued card) on the hand the Bonus Spin Xtreme – Power Up wager was placed on, then they will be awarded a spin of the base prize wheel.

After all wagers have been placed, the dealer will press "Start Round" and lock up all of the side wagers. Blackjack is then played per underlying procedures and house rules. All of the main game Blackjack wagers will then be settled.

**Note:** Each Player that made the Bonus Spin Xtreme – Power Up wager and met the triggering event will spin the Inner prize wheel in the order of their seats.

If the Bonus Spin Xtreme side wager meets the criteria for a qualifying trigger event, the dealer will mark on the dealer terminal the player's qualifying hand and press "Spin".

The dealer completes all players winning payouts for the table.

#### **Options:**

Casino operators can choose from the following:

- The operator can configure the side wager as optional or mandatory.
- The progressives are designed to be linkable across other games using Bonus Spin Xtreme (locally only) if the operator chooses.



Bonus Spin Xtreme (BSX) for Blackjack Games  
 Rules of Play Version 4 Power Up

Paytables  
**Triggering Events**

Event	\$1, \$2, \$5 Wager
Player's Initial Hand is a Ace and a 10-valued Card (Blackjack)	Wheel

Weights and Pays — Base Wheel, Blackjack, \$1 Wager	
Pay	Weight
\$30	300
\$25	400
\$15	500
\$12	900
POWER UP	3,300
\$10	4,000
\$7	5,300
\$5	5,300

Weights and Pays — Base Wheel, Blackjack, \$2 Wager	
Pay	Weight
\$50	200
\$40	400
\$35	500
\$30	1,000
POWER UP	3,300
\$17	4,600
\$12	5,000
\$10	5,000

Weights and Pays — Base Wheel, Blackjack, \$5 Wager
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**Bonus Spin Xtreme (BSX) for Blackjack Games**  
**Rules of Play Version 4 Power Up**

<b>Pay</b>	<b>Weight</b>
Pay	Weight
\$150	250
\$125	300
\$100	400
\$75	1,000
POWER UP	3,300
\$50	4,750
\$35	5,000
\$25	5,000

<b>Weights and Pays – Power Up Prize Wheel, Blackjack, \$1 Wager</b>	
<b>Pay</b>	<b>Weight</b>
Primary	Variable
Secondary	Variable
\$200	250
\$100	400
\$75	600
\$60	1,200
\$55	2,250
\$50	3,750
\$45	5,000
\$40	Remainder

<b>Weights and Pays – Power Up Prize Wheel, Blackjack, \$2 Wager</b>
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**Bonus Spin Xtreme (BSX) for Blackjack Games**  
**Rules of Play Version 4 Power Up**

<b>Pay</b>	<b>Weight</b>
Primary	Variable
Secondary	Variable
\$500	200
\$250	300
\$200	500
\$150	1,000
\$125	3,000
\$100	4,000
\$80	5,000
\$75	Remainder

<b>Weights and Pays – Power Up Prize Wheel, Blackjack, \$5 Wager</b>	
<b>Pay</b>	<b>Weight</b>
Primary	Variable
Secondary	Variable
\$500	300
\$400	650
\$350	800
\$300	900
\$275	2,100
\$250	3,750
\$225	5,000
\$200	Remainder

**Note: All other submitted paytables with seeds, increments, etc. must meet the standards of the math report.**

## PAYTABLES

Triggering Event	\$1, \$2, \$5 Wager
Player's Initial Hand is a Ace and a 10-valued Card (Blackjack)	Wheel

### Base Wheel

Pay - \$1 Wager	Pay - \$2 Wager	Pay - \$5 Wager
\$30	\$50	\$150
\$25	\$40	\$125
\$15	\$35	\$100
\$12	\$30	\$75
POWER UP	POWER UP	POWER UP
\$10	\$17	\$50
\$7	\$12	\$35
\$5	\$10	\$25

### Power Up Wheel

Pay - \$1 Wager	Pay - \$2 Wager	Pay - \$5 Wager
Primary	Primary	Primary
Secondary	Secondary	Secondary
\$200	\$500	\$500
\$100	\$250	\$400
\$75	\$200	\$350
\$60	\$150	\$300
\$55	\$125	\$275
\$50	\$100	\$250
\$45	\$80	\$225
\$40	\$75	\$200



# NGCB TECHNOLOGY DIVISION

## Request for Mathematical Analysis

Requested By: Stacy Cohen Date Requested: 3/13/2024

Game Name: Bonus Spin Xtreme for Blackjack – Version 4 (Power Up)

Submitted By: AGS, LLC

Previously Analyzed by TD? No  Yes  If yes, by: \_\_\_\_\_

Billable? No  Yes  If yes, account #: 32786-01

### Description (Include Specific Review Request):

“Bonus Spin Xtreme for Blackjack – Version 4 (Power Up)” can be configured as optional or mandatory side wager and features an electronic virtual wheel which is spun when a qualifying trigger event occurs. “Bonus Spin Xtreme for Blackjack – Version 4 (Power Up)” games use 1, 2, 6, or 8 standard 52-card decks. The amount of the wager is \$1, \$2, or \$5. The qualifying “Bonus Spin Xtreme for Blackjack – Version 4 (Power Up)” trigger event is met when the Player is dealt an initial Blackjack (an Ace and a ten-valued card) on the hand the wager was placed on, then they will be awarded a spin of the base prize wheel.

The Inner Prize Wheel (Base Prize Wheel) is for all participating Bonus Spin Xtreme players to win if a trigger event occurs.

The Outer Prize Wheel (Power Up) is awarded if the player’s outer spin results in the Power Up Award.

### Technology Division Information:

Date Received: \_\_\_\_\_ Assigned Engineer: \_\_\_\_\_

	Date	By
1. Engineer Review Complete (Memo to LM):	_____	_____
2. Supervisor Review Complete:	_____	_____
3. Memo Sent to Enforcement:	_____	_____
4. To Filing:	_____	_____

## Cohen, Stacy

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**From:** Green, Ethan  
**Sent:** Wednesday, March 20, 2024 4:09 PM  
**To:** Cohen, Stacy; Ops Unit  
**Cc:** Beene, Micheal  
**Subject:** D2024-0012 Bonus Spin Xtreme for Blackjack – Version 4 (Power Up)

Hello Agent Cohen,

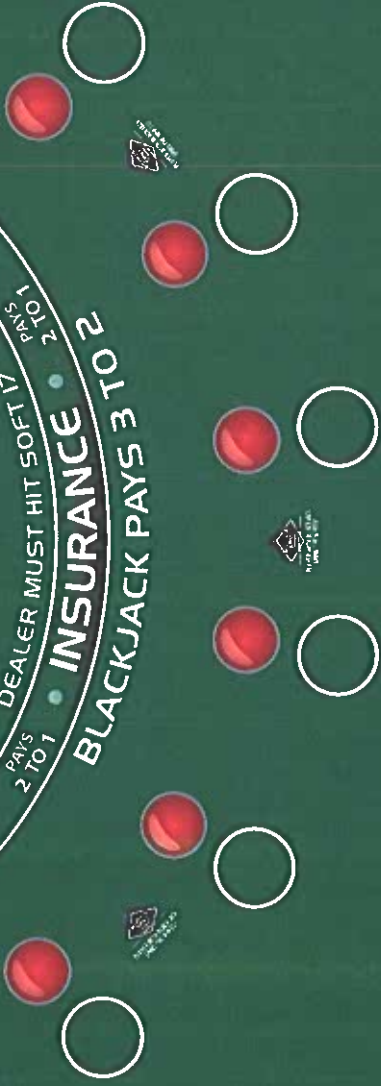
I have analyzed the manufacturer submission and ITL report for the game with device number D2024-0012 (Bonus Spin Xtreme for Blackjack – Version 4 (Power Up)) to confirm their paytables and RTP values match what the manufacturer claimed. I have no concerns. The lowest payable (Configuration 1, \$2 wager, fully funded reseeding of progressive from reserve meter, 8-deck blackjack) has an RTP range of 78.09% to 79.59%. This side bet can be configured with either 19 (for \$1 and \$2 wagers) or 25 (for \$5 wagers) possible progressive values and odds, and which one is chosen is left up to the operator's discretion. Additionally, this wager may or may not be mandatory depending on how the game is configured by the operator.

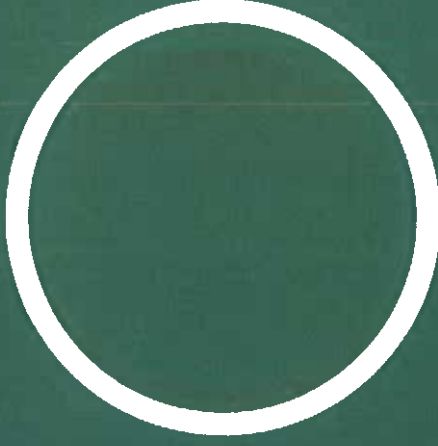
Thanks,

Ethan Green  
Engineer  
Technology Division  
Nevada Gaming Control Board  
(702) 486-3392

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DEALER MUST HIT SOFT 17  
PAYS 2 TO 1 • **INSURANCE** • PAYS 2 TO 1  
BLACKJACK PAYS 3 TO 2





PLAYER WITH BLACKJACK  
SPINS THE WHEEL!



**GLI**

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30 March 2023

Mr. Roy Clements, Sr. Manager, Product & Shipping Compliance  
AGS LLC  
6775 S. Edmond St.  
Suite 300  
Las Vegas, NV 89118

Re: *Mathematical Analysis of Bonus Spin Xtreme Power Up for  
Blackjack and Pontoon 21/Spanish 21*

File Number: LO-00-AGY-23-02

Dear Mr. Clements,

As per AGS LLC's request, please find **Gaming Laboratories International, LLC's (GLI)** math analysis for the table game *Bonus Spin Xtreme Power Up for Blackjack and Pontoon 21/Spanish 21*.

**This report only verifies the mathematical aspects of this game and DOES NOT offer an opinion as to whether or not this game is currently authorized for use in any jurisdiction. Requests for a mathematical evaluation for Nevada must be addressed directly to the respective gaming regulatory agency in that jurisdiction.**

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**Game Description**

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**GAMEPLAY**

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*Bonus Spin Xtreme Power Up for Blackjack and Pontoon 21/Spanish 21* is a fixed-amount progressive wager that can be configured at Blackjack, Pontoon 21, and Spanish 21 tables. Blackjack tables may utilize 1, 2, 6, or 8 decks of cards. Pontoon 21 and Spanish 21 tables may utilize 6 or 8 decks of cards. The amount of this wager may be configured as either \$1, \$2, or \$5. This wager may also be optional or mandatory at the discretion of the operator. The wager will be placed alongside the main wager before any cards are dealt. The game is then played as normally. The wager is resolved when a qualifying trigger event occurs.

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**TRIGGER EVENTS**


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If a player is dealt an initial Blackjack (an Ace and a ten-valued card) on the hand the Bonus Spin Xtreme Power Up wager was placed on, then they will be awarded a spin of the base prize wheel, as detailed below.

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**WHEEL DISTRIBUTIONS**


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Bonus Spin Xtreme Power Up uses a single device consisting of an inner prize wheel and an outer prize wheel. Both prize wheels follow a configured weighted distribution of prizes. Each player that achieves the trigger event will receive a spin of the inner wheel, which is the base prize wheel. If the player achieves a result of "POWER UP" on their base spin then they will be awarded a spin of the outer wheel, which is the Power Up prize wheel.

Each prize wheel is initialized with 20,000 outcomes, following the weight distribution. *In the case of a fractional weight, the number of outcomes will be determined randomly according to the fractional part. For example, a weight of 4.150000 would indicate a 15% chance of producing 5 outcomes and an 85% chance of producing 4 outcomes.* The outcomes are drawn at random without replacement until all 20,000 outcomes have been drawn. Once all 20,000 outcomes have been awarded, a new set of 20,000 outcomes are produced in the same manner.

The pays and weights for the base wheel, for each possible configuration, are given in [Table 1](#) through [Table 6](#). Blackjack utilizes a different configuration from Spanish 21 and Pontoon 21. The configuration of the base wheel will remain the same regardless of the number of decks in the shoe.

**Table 1. Weights and Pays — Base Wheel, Blackjack, \$1 Wager**

<b>Pay</b>	<b>Weight</b>
\$30	300
\$25	400
\$15	500
\$12	900
POWER UP	3,300
\$10	4,000
\$7	5,300
\$5	5,300

**Table 2. Weights and Pays — Base Wheel, Blackjack, \$2 Wager**

<b>Pay</b>	<b>Weight</b>
\$50	200
\$40	400
\$35	500
\$30	1,000
POWER UP	3,300
\$17	4,600
\$12	5,000
\$10	5,000

**Table 3. Weights and Pays — Base Wheel, Blackjack, \$5 Wager**

<b>Pay</b>	<b>Weight</b>
\$150	250
\$125	300
\$100	400
\$75	1,000
POWER UP	3,300
\$50	4,750
\$35	5,000
\$25	5,000

**Table 4. Weights and Pays — Base Wheel, Spanish 21/Pontoon 21, \$1 Wager**

<b>Pay</b>	<b>Weight</b>
\$35	300
\$30	400
\$25	500
\$15	1,000
POWER UP	3,300
\$10	4,500
\$7	5,000
\$5	5,000

**Table 5. Weights and Pays — Base Wheel, Spanish 21/Pontoon 21, \$2 Wager**

<b>Pay</b>	<b>Weight</b>
\$75	200
\$50	400
\$40	500
\$30	1,000
POWER UP	3,300
\$17	4,600
\$12	5,000
\$10	5,000

**Table 6. Weights and Pays — Base Wheel, Spanish 21/Pontoon 21, \$5 Wager**

<b>Pay</b>	<b>Weight</b>
\$150	250
\$125	300
\$100	400
\$75	1,000
POWER UP	3,300
\$50	4,750
\$40	5,000
\$30	5,000

The pays and weights for the Power Up Prize Wheel, for each possible configuration, is given in [Table 7](#) through [Table 12](#). The weights for the primary and secondary jackpot progressives are set by the progressive configuration chosen and by the configuration options of the base game. The weight of the last pay in the table is set so that the total weight for the wheel sums to 20,000.



**Table 7. Weights and Pays – Power Up Prize Wheel, Blackjack, \$1 Wager**

<b>Pay</b>	<b>Weight</b>
Primary	Variable
Secondary	Variable
\$200	250
\$100	400
\$75	600
\$60	1,200
\$55	2,250
\$50	3,750
\$45	5,000
\$40	Remainder

**Table 8. Weights and Pays – Power Up Prize Wheel, Blackjack, \$2 Wager**

<b>Pay</b>	<b>Weight</b>
Primary	Variable
Secondary	Variable
\$500	200
\$250	300
\$200	500
\$150	1,000
\$125	3,000
\$100	4,000
\$80	5,000
\$75	Remainder

**Table 9. Weights and Pays – Power Up Prize Wheel, Blackjack, \$5 Wager**

<b>Pay</b>	<b>Weight</b>
Primary	Variable
Secondary	Variable
\$500	300
\$400	650
\$350	800
\$300	900
\$275	2,100
\$250	3,750
\$225	5,000
\$200	Remainder

**Table 10. Weights and Pays – Power Up Prize Wheel, Spanish 21/Pontoon 21, \$1 Wager**

<b>Pay</b>	<b>Weight</b>
Primary	Variable
Secondary	Variable
\$250	250
\$100	400
\$80	600
\$75	1,200
\$70	3,000
\$60	4,000
\$50	5,000
\$40	Remainder

**Table 11. Weights and Pays – Power Up Prize Wheel, Spanish 21/Pontoon 21, \$2 Wager**

<b>Pay</b>	<b>Weight</b>
Primary	Variable
Secondary	Variable
\$500	200
\$250	300
\$200	500
\$150	1,000
\$140	3,000
\$125	4,000
\$110	5,000
\$100	Remainder

**Table 12. Weights and Pays – Power Up Prize Wheel, Spanish 21/Pontoon 21, \$5 Wager**

<b>Pay</b>	<b>Weight</b>
Primary	Variable
Secondary	Variable
\$1,000	300
\$600	700
\$500	900
\$400	1,400
\$350	2,000
\$300	3,500
\$250	5,000
\$200	Remainder

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**PROGRESSIVE CONFIGURATION DETAILS**

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A configured percentage of each wager increments the progressive meters for the primary and secondary progressives. In addition to the main progressive meter, each progressive may also use a reserve meter, in which case the increment will be split between the main and reserve meters according to operator preference. After a progressive is awarded, the full amount of the reserve meter will be transferred to the main meter. As necessary, the house will then add additional seed money to the main meter to bring it up to the configured minimum seed value.

Bonus Spin Xtreme Power Up may be set up with one of several possible progressive configurations, which governs both the primary and secondary progressives. These configurations determine the reseed values and increment rates. A complete listing of available progressive configurations for each wager level is given in [Table 13](#) through [Table 15](#).

**Table 13. Progressive Configuration Details – \$1 Wager**

Config.	Primary Progressive		Secondary Progressive	
	Seed	Increment	Seed	Increment
1	\$2,500	5%	\$1,000	2%
2	\$5,000	5%	\$1,000	2%
3	\$5,000	6%	\$2,500	2%
4	\$2,500	5%	\$1,000	2%
5	\$5,000	6%	\$1,000	3%
6	\$5,000	6%	\$2,500	3%
7	\$5,000	5%	\$2,500	2%
8	\$10,000	5%	\$2,500	2%
9	\$5,000	6%	\$1,000	2%
10	\$5,000	5%	\$2,500	2%
11	\$10,000	4%	\$2,500	3%
12	\$10,000	5%	\$5,000	2%
13	\$5,000	6%	\$1,000	2%
14	\$5,000	6%	\$2,500	3%
15	\$10,000	5%	\$2,500	3%
16	\$10,000	6%	\$5,000	2%
17	\$10,000	6%	\$5,000	3%
18	\$25,000	5%	\$5,000	2%
19	\$25,000	5%	\$10,000	2%

**Table 14. Progressive Configuration Details – \$2 Wager**

Config.	Primary Progressive		Secondary Progressive	
	Seed	Increment	Seed	Increment
1	\$5,000	5%	\$1,000	2%
2	\$5,000	5%	\$2,000	3%
3	\$10,000	6%	\$2,500	2%
4	\$5,000	5%	\$1,000	2%
5	\$5,000	6%	\$2,000	3%
6	\$10,000	6%	\$2,500	3%
7	\$5,000	5%	\$2,000	2%
8	\$10,000	6%	\$2,500	3%
9	\$5,000	5%	\$1,000	2%
10	\$5,000	6%	\$2,500	3%
11	\$10,000	5%	\$2,500	3%
12	\$10,000	6%	\$5,000	3%
13	\$5,000	5%	\$1,000	2%
14	\$5,000	6%	\$2,500	3%
15	\$10,000	5%	\$2,500	3%
16	\$10,000	6%	\$5,000	2%
17	\$10,000	6%	\$5,000	3%
18	\$25,000	5%	\$5,000	3%
19	\$25,000	6%	\$10,000	2%

**Table 15. Progressive Configuration Details – \$5 Wager**

Config.	Primary Progressive		Secondary Progressive	
	Seed	Increment	Seed	Increment
1	\$5,000	4%	\$1,000	3%
2	\$5,000	6%	\$1,000	3%
3	\$5,000	4%	\$1,000	3%
4	\$10,000	5%	\$2,500	3%
5	\$10,000	6%	\$2,500	3%
6	\$10,000	4%	\$2,500	3%
7	\$10,000	6%	\$2,500	3%
8	\$10,000	5%	\$5,000	3%
9	\$25,000	5%	\$5,000	3%
10	\$10,000	4%	\$5,000	3%
11	\$10,000	6%	\$5,000	3%
12	\$25,000	4%	\$10,000	3%
13	\$10,000	4%	\$5,000	3%
14	\$10,000	6%	\$5,000	3%
15	\$10,000	7%	\$5,000	3%
16	\$25,000	5%	\$10,000	3%
17	\$10,000	4%	\$5,000	3%
18	\$10,000	5%	\$5,000	3%
19	\$10,000	6%	\$5,000	3%
20	\$10,000	8%	\$5,000	3%
21	\$25,000	6%	\$10,000	3%
22	\$25,000	8%	\$10,000	3%
23	\$50,000	6%	\$10,000	3%
24	\$50,000	8%	\$10,000	3%
25	\$100,000	4%	\$25,000	3%

**CONFIGURABLE WHEEL WEIGHTS**

The wheel weights for the progressive awards on the Power Up Prize Wheel are determined by the wager level, the game being played, the number of decks utilized at the table, the probability of triggering the Power Up wheel from the base wheel, and the progressive configuration chosen. The wheel weights for each possible combination of options are given in [Table 16](#) through [Table 21](#).

**Table 16. Wheel Weight, Primary Progressive – \$1 Wager**

<b>Config</b>	<b>BJ, 1 Deck</b>	<b>BJ, 2 Decks</b>	<b>BJ, 6 Decks</b>	<b>BJ, 8 Decks</b>	<b>S/P21, 6 Decks</b>	<b>S/P21, 8 Decks</b>
1	5.022727	5.07197	5.104798	5.108902	5.79798	5.80303
2	5.022727	5.07197	5.104798	5.108902	5.79798	5.80303
3	5.022727	5.07197	5.104798	5.108902	5.79798	5.80303
4	3.348485	3.381313	3.403199	3.405934	3.86532	3.868687
5	3.348485	3.381313	3.403199	3.405934	3.86532	3.868687
6	3.348485	3.381313	3.403199	3.405934	3.86532	3.868687
7	2.511364	2.535985	2.552399	2.554451	2.89899	2.901515
8	2.511364	2.535985	2.552399	2.554451	2.89899	2.901515
9	1.674242	1.690657	1.701599	1.702967	1.93266	1.934343
10	1.674242	1.690657	1.701599	1.702967	1.93266	1.934343
11	1.674242	1.690657	1.701599	1.702967	1.93266	1.934343
12	1.674242	1.690657	1.701599	1.702967	1.93266	1.934343
13	1.004545	1.014394	1.02096	1.02178	1.159596	1.160606
14	1.004545	1.014394	1.02096	1.02178	1.159596	1.160606
15	1.004545	1.014394	1.02096	1.02178	1.159596	1.160606
16	1.004545	1.014394	1.02096	1.02178	1.159596	1.160606
17	1.004545	1.014394	1.02096	1.02178	1.159596	1.160606
18	1.004545	1.014394	1.02096	1.02178	1.159596	1.160606
19	1.004545	1.014394	1.02096	1.02178	1.159596	1.160606

Table 17. Wheel Weight, Secondary Progressive – \$1 Wager

Config.	BJ, 1 Deck	BJ, 2 Decks	BJ, 6 Decks	BJ, 8 Decks	S/P21, 6 Decks	S/P21, 8 Decks
1	50.227273	50.719697	51.04798	51.089015	57.979798	58.030303
2	50.227273	50.719697	51.04798	51.089015	57.979798	58.030303
3	50.227273	50.719697	51.04798	51.089015	57.979798	58.030303
4	33.484848	33.813131	34.031987	34.059343	38.653199	38.686869
5	33.484848	33.813131	34.031987	34.059343	38.653199	38.686869
6	33.484848	33.813131	34.031987	34.059343	38.653199	38.686869
7	25.113636	25.359848	25.52399	25.544508	28.989899	29.015152
8	25.113636	25.359848	25.52399	25.544508	28.989899	29.015152
9	16.742424	16.906566	17.015993	17.029672	19.326599	19.343434
10	16.742424	16.906566	17.015993	17.029672	19.326599	19.343434
11	16.742424	16.906566	17.015993	17.029672	19.326599	19.343434
12	16.742424	16.906566	17.015993	17.029672	19.326599	19.343434
13	10.045455	10.143939	10.209596	10.217803	11.59596	11.606061
14	10.045455	10.143939	10.209596	10.217803	11.59596	11.606061
15	10.045455	10.143939	10.209596	10.217803	11.59596	11.606061
16	10.045455	10.143939	10.209596	10.217803	11.59596	11.606061
17	10.045455	10.143939	10.209596	10.217803	11.59596	11.606061
18	10.045455	10.143939	10.209596	10.217803	11.59596	11.606061
19	10.045455	10.143939	10.209596	10.217803	11.59596	11.606061



**Table 18. Wheel Weight, Primary Progressive – \$2 Wager**

<b>Config</b>	<b>BJ, 1 Deck</b>	<b>BJ, 2 Decks</b>	<b>BJ, 6 Decks</b>	<b>BJ, 8 Decks</b>	<b>S/P21, 6 Decks</b>	<b>S/P21, 8 Decks</b>
1	5.022727	5.07197	5.104798	5.108902	5.79798	5.80303
2	5.022727	5.07197	5.104798	5.108902	5.79798	5.80303
3	5.022727	5.07197	5.104798	5.108902	5.79798	5.80303
4	3.348485	3.381313	3.403199	3.405934	3.86532	3.868687
5	3.348485	3.381313	3.403199	3.405934	3.86532	3.868687
6	3.348485	3.381313	3.403199	3.405934	3.86532	3.868687
7	2.511364	2.535985	2.552399	2.554451	2.89899	2.901515
8	2.511364	2.535985	2.552399	2.554451	2.89899	2.901515
9	1.674242	1.690657	1.701599	1.702967	1.93266	1.934343
10	1.674242	1.690657	1.701599	1.702967	1.93266	1.934343
11	1.674242	1.690657	1.701599	1.702967	1.93266	1.934343
12	1.674242	1.690657	1.701599	1.702967	1.93266	1.934343
13	1.004545	1.014394	1.02096	1.02178	1.159596	1.160606
14	1.004545	1.014394	1.02096	1.02178	1.159596	1.160606
15	1.004545	1.014394	1.02096	1.02178	1.159596	1.160606
16	1.004545	1.014394	1.02096	1.02178	1.159596	1.160606
17	1.004545	1.014394	1.02096	1.02178	1.159596	1.160606
18	1.004545	1.014394	1.02096	1.02178	1.159596	1.160606
19	1.004545	1.014394	1.02096	1.02178	1.159596	1.160606

**Table 19. Wheel Weight, Secondary Progressive – \$2 Wager**

<b>Config.</b>	<b>BJ, 1 Deck</b>	<b>BJ, 2 Decks</b>	<b>BJ, 6 Decks</b>	<b>BJ, 8 Decks</b>	<b>S/P21, 6 Decks</b>	<b>S/P21, 8 Decks</b>
1	50.227273	50.719697	51.04798	51.089015	57.979798	58.030303
2	50.227273	50.719697	51.04798	51.089015	57.979798	58.030303
3	50.227273	50.719697	51.04798	51.089015	57.979798	58.030303
4	33.484848	33.813131	34.031987	34.059343	38.653199	38.686869
5	33.484848	33.813131	34.031987	34.059343	38.653199	38.686869
6	33.484848	33.813131	34.031987	34.059343	38.653199	38.686869
7	25.113636	25.359848	25.52399	25.544508	28.989899	29.015152
8	25.113636	25.359848	25.52399	25.544508	28.989899	29.015152
9	16.742424	16.906566	17.015993	17.029672	19.326599	19.343434
10	16.742424	16.906566	17.015993	17.029672	19.326599	19.343434
11	16.742424	16.906566	17.015993	17.029672	19.326599	19.343434
12	16.742424	16.906566	17.015993	17.029672	19.326599	19.343434
13	10.045455	10.143939	10.209596	10.217803	11.59596	11.606061
14	10.045455	10.143939	10.209596	10.217803	11.59596	11.606061
15	10.045455	10.143939	10.209596	10.217803	11.59596	11.606061
16	10.045455	10.143939	10.209596	10.217803	11.59596	11.606061
17	10.045455	10.143939	10.209596	10.217803	11.59596	11.606061
18	10.045455	10.143939	10.209596	10.217803	11.59596	11.606061
19	10.045455	10.143939	10.209596	10.217803	11.59596	11.606061

**Table 20. Wheel Weight, Primary Progressive – \$5 Wager**

<b>Config</b>	<b>BJ, 1 Deck</b>	<b>BJ, 2 Decks</b>	<b>BJ, 6 Decks</b>	<b>BJ, 8 Decks</b>	<b>S/P21, 6 Decks</b>	<b>S/P21, 8 Decks</b>
1	10.045455	10.143939	10.209596	10.217803	11.59596	11.606061
2	10.045455	10.143939	10.209596	10.217803	11.59596	11.606061
3	5.022727	5.07197	5.104798	5.108902	5.79798	5.80303
4	5.022727	5.07197	5.104798	5.108902	5.79798	5.80303
5	5.022727	5.07197	5.104798	5.108902	5.79798	5.80303
6	3.348485	3.381313	3.403199	3.405934	3.86532	3.868687
7	3.348485	3.381313	3.403199	3.405934	3.86532	3.868687
8	3.348485	3.381313	3.403199	3.405934	3.86532	3.868687
9	3.348485	3.381313	3.403199	3.405934	3.86532	3.868687
10	2.511364	2.535985	2.552399	2.554451	2.89899	2.901515
11	2.511364	2.535985	2.552399	2.554451	2.89899	2.901515
12	2.511364	2.535985	2.552399	2.554451	2.89899	2.901515
13	1.674242	1.690657	1.701599	1.702967	1.93266	1.934343
14	1.674242	1.690657	1.701599	1.702967	1.93266	1.934343
15	1.674242	1.690657	1.701599	1.702967	1.93266	1.934343
16	1.674242	1.690657	1.701599	1.702967	1.93266	1.934343
17	1.004545	1.014394	1.02096	1.02178	1.159596	1.160606
18	1.004545	1.014394	1.02096	1.02178	1.159596	1.160606
19	1.004545	1.014394	1.02096	1.02178	1.159596	1.160606
20	1.004545	1.014394	1.02096	1.02178	1.159596	1.160606
21	1.004545	1.014394	1.02096	1.02178	1.159596	1.160606
22	1.004545	1.014394	1.02096	1.02178	1.159596	1.160606
23	1.004545	1.014394	1.02096	1.02178	1.159596	1.160606
24	1.004545	1.014394	1.02096	1.02178	1.159596	1.160606
25	1.004545	1.014394	1.02096	1.02178	1.159596	1.160606

**Table 21. Wheel Weight, Secondary Progressive – \$5 Wager**

Config	BJ, 1 Deck	BJ, 2 Decks	BJ, 6 Decks	BJ, 8 Decks	S/P21, 6 Decks	S/P21, 8 Decks
1	100.454545	101.439394	102.09596	102.17803	115.959596	116.060606
2	100.454545	101.439394	102.09596	102.17803	115.959596	116.060606
3	50.227273	50.719697	51.04798	51.089015	57.979798	58.030303
4	50.227273	50.719697	51.04798	51.089015	57.979798	58.030303
5	50.227273	50.719697	51.04798	51.089015	57.979798	58.030303
6	33.484848	33.813131	34.031987	34.059343	38.653199	38.686869
7	33.484848	33.813131	34.031987	34.059343	38.653199	38.686869
8	33.484848	33.813131	34.031987	34.059343	38.653199	38.686869
9	33.484848	33.813131	34.031987	34.059343	38.653199	38.686869
10	25.113636	25.359848	25.52399	25.544508	28.989899	29.015152
11	25.113636	25.359848	25.52399	25.544508	28.989899	29.015152
12	25.113636	25.359848	25.52399	25.544508	28.989899	29.015152
13	16.742424	16.906566	17.015993	17.029672	19.326599	19.343434
14	16.742424	16.906566	17.015993	17.029672	19.326599	19.343434
15	16.742424	16.906566	17.015993	17.029672	19.326599	19.343434
16	16.742424	16.906566	17.015993	17.029672	19.326599	19.343434
17	10.045455	10.143939	10.209596	10.217803	11.59596	11.606061
18	10.045455	10.143939	10.209596	10.217803	11.59596	11.606061
19	10.045455	10.143939	10.209596	10.217803	11.59596	11.606061
20	10.045455	10.143939	10.209596	10.217803	11.59596	11.606061
21	10.045455	10.143939	10.209596	10.217803	11.59596	11.606061
22	10.045455	10.143939	10.209596	10.217803	11.59596	11.606061
23	10.045455	10.143939	10.209596	10.217803	11.59596	11.606061
24	10.045455	10.143939	10.209596	10.217803	11.59596	11.606061
25	10.045455	10.143939	10.209596	10.217803	11.59596	11.606061

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**Mathematical Analysis**

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The analysis was conducted by direct calculation. A summary of trigger event probabilities is given in [Table 22](#).

**Table 22. Probability Summary — Trigger Events**

<b>Table Configuration</b>	<b>Probability</b>
Blackjack, 1 Decks	0.04826546
Blackjack, 2 Decks	0.04779686
Blackjack, 6 Decks	0.04748949
Blackjack, 8 Decks	0.04745134
Spanish 21/Pontoon 21, 6 Decks	0.04181185
Spanish 21/Pontoon 21, 8 Decks	0.04177546

The progressives are designed to be linkable across other games using Bonus Spin Xtreme Power Up. To that end, the weights of each progressive configuration are established to yield an overall progressive trigger frequency that closely approximates a given target frequency, subject to precision limitations due to weight rounding. The actual frequencies produced by the weights listed were calculated and compared to the target frequencies to determine the degree of accuracy of the approximation. The target frequencies are summarized in [Table 23](#) through [Table 25](#). The actual frequencies vary by no more than 1 from the target, when expressed in “1 in X” odds form. For example, when the target progressive frequency is 1 in 2,500,000, the actual frequency across all possible configurations varies between 1 in 2,499,999 and 1 in 2,500,001.

**Table 23. Progressive Target Frequency Summary — \$1 Wager**

<b>Config.</b>	<b>Primary</b>	<b>Secondary</b>
1	1 in 500,000	1 in 50,000
2	1 in 500,000	1 in 50,000
3	1 in 500,000	1 in 50,000
4	1 in 750,000	1 in 75,000
5	1 in 750,000	1 in 75,000
6	1 in 750,000	1 in 75,000
7	1 in 1,000,000	1 in 100,000
8	1 in 1,000,000	1 in 100,000
9	1 in 1,500,000	1 in 150,000
10	1 in 1,500,000	1 in 150,000
11	1 in 1,500,000	1 in 150,000
12	1 in 1,500,000	1 in 150,000
13	1 in 2,500,000	1 in 250,000
14	1 in 2,500,000	1 in 250,000
15	1 in 2,500,000	1 in 250,000
16	1 in 2,500,000	1 in 250,000
17	1 in 2,500,000	1 in 250,000
18	1 in 2,500,000	1 in 250,000
19	1 in 2,500,000	1 in 250,000

**Table 24. Progressive Target Frequency Summary — \$2 Wager**

<b>Config.</b>	<b>Primary</b>	<b>Secondary</b>
1	1 in 500,000	1 in 50,000
2	1 in 500,000	1 in 50,000
3	1 in 500,000	1 in 50,000
4	1 in 750,000	1 in 75,000
5	1 in 750,000	1 in 75,000
6	1 in 750,000	1 in 75,000
7	1 in 1,000,000	1 in 100,000
8	1 in 1,000,000	1 in 100,000
9	1 in 1,500,000	1 in 150,000
10	1 in 1,500,000	1 in 150,000
11	1 in 1,500,000	1 in 150,000
12	1 in 1,500,000	1 in 150,000
13	1 in 2,500,000	1 in 250,000
14	1 in 2,500,000	1 in 250,000
15	1 in 2,500,000	1 in 250,000
16	1 in 2,500,000	1 in 250,000
17	1 in 2,500,000	1 in 250,000
18	1 in 2,500,000	1 in 250,000
19	1 in 2,500,000	1 in 250,000

**Table 25. Progressive Target Frequency Summary — \$5 Wager**

<b>Config.</b>	<b>Primary</b>	<b>Secondary</b>
1	1 in 250,000	1 in 25,000
2	1 in 250,000	1 in 25,000
3	1 in 500,000	1 in 50,000
4	1 in 500,000	1 in 50,000
5	1 in 500,000	1 in 50,000
6	1 in 750,000	1 in 75,000
7	1 in 750,000	1 in 75,000
8	1 in 750,000	1 in 75,000
9	1 in 750,000	1 in 75,000
10	1 in 1,000,000	1 in 100,000
11	1 in 1,000,000	1 in 100,000
12	1 in 1,000,000	1 in 100,000
13	1 in 1,500,000	1 in 150,000
14	1 in 1,500,000	1 in 150,000
15	1 in 1,500,000	1 in 150,000
16	1 in 1,500,000	1 in 150,000
17	1 in 2,500,000	1 in 250,000
18	1 in 2,500,000	1 in 250,000
19	1 in 2,500,000	1 in 250,000
20	1 in 2,500,000	1 in 250,000
21	1 in 2,500,000	1 in 250,000
22	1 in 2,500,000	1 in 250,000
23	1 in 2,500,000	1 in 250,000
24	1 in 2,500,000	1 in 250,000
25	1 in 2,500,000	1 in 250,000

Based on these frequencies, and on the configured pays and progressive information, the Return to Player (RTP) for each configuration was calculated. Because the use of reserve meters is optional and configurable, the exact RTP will depend on reserve meter configuration. For a given progressive and base game configuration, the lowest RTP will occur when the reserve increments are maximized, and the highest RTP will occur when no reserve meters are used. RTP summaries are presented in [Table 26](#) through [Table 31](#). In the tables, the minimum RTP is a lower bound, assuming that all of the reserve increment goes directly to offset house funding of the seed value, and that reserve seeding above the reseed value is negligible. The House Edge (HE) is not listed, but may be obtained for any configuration by subtracting the associated RTP from 100%.



**Table 26. Minimum RTP Summary — \$1 Wager**

<b>Config.</b>	<b>BJ, 1 Deck</b>	<b>BJ, 2 Decks</b>	<b>BJ, 6 Decks</b>	<b>BJ, 8 Decks</b>	<b>S/P21, 6 Decks</b>	<b>S/P21, 8 Decks</b>
1	80.94%	80.22%	79.75%	79.69%	79.42%	79.35%
2	80.94%	80.22%	79.75%	79.69%	79.42%	79.35%
3	84.94%	84.22%	83.75%	83.69%	83.42%	83.35%
4	80.97%	80.25%	79.78%	79.72%	79.45%	79.38%
5	82.97%	82.25%	81.78%	81.72%	81.45%	81.38%
6	83.31%	82.59%	82.12%	82.06%	81.78%	81.72%
7	81.49%	80.77%	80.30%	80.24%	79.96%	79.90%
8	81.49%	80.77%	80.30%	80.24%	79.96%	79.90%
9	82.00%	81.28%	80.81%	80.75%	80.48%	80.41%
10	81.00%	80.28%	79.81%	79.75%	79.48%	79.41%
11	81.00%	80.28%	79.81%	79.75%	79.48%	79.41%
12	82.34%	81.62%	81.14%	81.09%	80.81%	80.75%
13	82.01%	81.29%	80.82%	80.76%	80.49%	80.42%
14	83.01%	82.29%	81.82%	81.76%	81.49%	81.42%
15	82.01%	81.29%	80.82%	80.76%	80.49%	80.42%
16	82.01%	81.29%	80.82%	80.76%	80.49%	80.42%
17	83.01%	82.29%	81.82%	81.76%	81.49%	81.42%
18	81.01%	80.29%	79.82%	79.76%	79.49%	79.42%
19	83.01%	82.29%	81.82%	81.76%	81.49%	81.42%

**Table 27. Maximum RTP Summary — \$1 Wager**

<b>Config.</b>	<b>BJ, 1 Deck</b>	<b>BJ, 2 Decks</b>	<b>BJ, 6 Decks</b>	<b>BJ, 8 Decks</b>	<b>S/P21, 6 Decks</b>	<b>S/P21, 8 Decks</b>
1	83.44%	82.72%	82.25%	82.19%	81.92%	81.85%
2	83.94%	83.22%	82.75%	82.69%	82.42%	82.35%
3	87.94%	87.22%	86.75%	86.69%	86.42%	86.35%
4	82.64%	81.92%	81.45%	81.39%	81.11%	81.05%
5	84.97%	84.25%	83.78%	83.72%	83.45%	83.38%
6	86.97%	86.25%	85.78%	85.72%	85.45%	85.38%
7	83.99%	83.27%	82.80%	82.74%	82.46%	82.40%
8	84.49%	83.77%	83.30%	83.24%	82.96%	82.90%
9	83.00%	82.28%	81.81%	81.75%	81.48%	81.41%
10	83.00%	82.28%	81.81%	81.75%	81.48%	81.41%
11	83.34%	82.62%	82.14%	82.09%	81.81%	81.75%
12	85.00%	84.28%	83.81%	83.75%	83.48%	83.41%
13	82.61%	81.89%	81.42%	81.36%	81.09%	81.02%
14	84.21%	83.49%	83.02%	82.96%	82.69%	82.62%
15	83.41%	82.69%	82.22%	82.16%	81.89%	81.82%
16	84.41%	83.69%	83.22%	83.16%	82.89%	82.82%
17	85.41%	84.69%	84.22%	84.16%	83.89%	83.82%
18	84.01%	83.29%	82.82%	82.76%	82.49%	82.42%
19	86.01%	85.29%	84.82%	84.76%	84.49%	84.42%

**Table 28. Minimum RTP Summary — \$1 Wager**

<b>Config.</b>	<b>BJ, 1 Deck</b>	<b>BJ, 2 Decks</b>	<b>BJ, 6 Decks</b>	<b>BJ, 8 Decks</b>	<b>S/P21, 6 Decks</b>	<b>S/P21, 8 Decks</b>
1	79.31%	78.61%	78.15%	78.09%	78.48%	78.42%
2	80.31%	79.61%	79.15%	79.09%	79.48%	79.42%
3	80.81%	80.11%	79.65%	79.59%	79.98%	79.92%
4	79.34%	78.63%	78.17%	78.12%	78.52%	78.45%
5	81.34%	80.63%	80.17%	80.12%	80.52%	80.45%
6	81.34%	80.63%	80.17%	80.12%	80.52%	80.45%
7	79.35%	78.65%	78.19%	78.13%	78.53%	78.47%
8	81.35%	80.65%	80.19%	80.13%	80.53%	80.47%
9	79.36%	78.66%	78.20%	78.14%	78.55%	78.49%
10	81.36%	80.66%	80.20%	80.14%	80.55%	80.49%
11	80.36%	79.66%	79.20%	79.14%	79.55%	79.49%
12	81.36%	80.66%	80.20%	80.14%	80.55%	80.49%
13	79.38%	78.67%	78.21%	78.15%	78.57%	78.51%
14	81.38%	80.67%	80.21%	80.15%	80.57%	80.51%
15	80.38%	79.67%	79.21%	79.15%	79.57%	79.51%
16	80.38%	79.67%	79.21%	79.15%	79.57%	79.51%
17	81.38%	80.67%	80.21%	80.15%	80.57%	80.51%
18	80.38%	79.67%	79.21%	79.15%	79.57%	79.51%
19	80.38%	79.67%	79.21%	79.15%	79.57%	79.51%

**Table 29. Maximum RTP Summary — \$1 Wager**

<b>Config.</b>	<b>BJ, 1 Deck</b>	<b>BJ, 2 Decks</b>	<b>BJ, 6 Decks</b>	<b>BJ, 8 Decks</b>	<b>S/P21, 6 Decks</b>	<b>S/P21, 8 Decks</b>
1	80.81%	80.11%	79.65%	79.59%	79.98%	79.92%
2	82.81%	82.11%	81.65%	81.59%	81.98%	81.92%
3	83.81%	83.11%	82.65%	82.59%	82.98%	82.92%
4	80.34%	79.63%	79.17%	79.12%	79.52%	79.45%
5	83.00%	82.30%	81.84%	81.78%	82.18%	82.12%
6	83.67%	82.97%	82.51%	82.45%	82.85%	82.79%
7	80.60%	79.90%	79.44%	79.38%	79.78%	79.72%
8	83.10%	82.40%	81.94%	81.88%	82.28%	82.22%
9	79.86%	79.16%	78.70%	78.64%	79.05%	78.99%
10	82.36%	81.66%	81.20%	81.14%	81.55%	81.49%
11	81.53%	80.83%	80.37%	80.31%	80.72%	80.66%
12	83.36%	82.66%	82.20%	82.14%	82.55%	82.49%
13	79.68%	78.97%	78.51%	78.45%	78.87%	78.81%
14	81.98%	81.27%	80.81%	80.75%	81.17%	81.11%
15	81.08%	80.37%	79.91%	79.85%	80.27%	80.21%
16	81.58%	80.87%	80.41%	80.35%	80.77%	80.71%
17	82.58%	81.87%	81.41%	81.35%	81.77%	81.71%
18	81.88%	81.17%	80.71%	80.65%	81.07%	81.01%
19	82.88%	82.17%	81.71%	81.65%	82.07%	82.01%

**Table 30. Minimum RTP Summary — \$5 Wager**

<b>Config.</b>	<b>BJ, 1 Deck</b>	<b>BJ, 2 Decks</b>	<b>BJ, 6 Decks</b>	<b>BJ, 8 Decks</b>	<b>S/P21, 6 Decks</b>	<b>S/P21, 8 Decks</b>
1	80.96%	80.24%	79.77%	79.71%	80.52%	80.46%
2	82.96%	82.24%	81.77%	81.71%	82.52%	82.46%
3	81.05%	80.33%	79.86%	79.80%	80.61%	80.54%
4	82.05%	81.33%	80.86%	80.80%	81.61%	81.54%
5	83.05%	82.33%	81.86%	81.80%	82.61%	82.54%
6	81.08%	80.36%	79.89%	79.83%	80.64%	80.57%
7	83.08%	82.36%	81.89%	81.83%	82.64%	82.57%
8	82.08%	81.36%	80.89%	80.83%	81.64%	81.57%
9	82.08%	81.36%	80.89%	80.83%	81.64%	81.57%
10	81.09%	80.37%	79.90%	79.84%	80.65%	80.59%
11	83.09%	82.37%	81.90%	81.84%	82.65%	82.59%
12	81.09%	80.37%	79.90%	79.84%	80.65%	80.59%
13	81.11%	80.39%	79.91%	79.86%	80.67%	80.60%
14	83.11%	82.39%	81.91%	81.86%	82.67%	82.60%
15	84.11%	83.39%	82.91%	82.86%	83.67%	83.60%
16	82.11%	81.39%	80.91%	80.86%	81.67%	81.60%
17	81.12%	80.40%	79.93%	79.87%	80.68%	80.61%
18	82.12%	81.40%	80.93%	80.87%	81.68%	81.61%
19	83.12%	82.40%	81.93%	81.87%	82.68%	82.61%
20	85.12%	84.40%	83.93%	83.87%	84.68%	84.61%
21	83.12%	82.40%	81.93%	81.87%	82.68%	82.61%
22	85.12%	84.40%	83.93%	83.87%	84.68%	84.61%
23	83.12%	82.40%	81.93%	81.87%	82.68%	82.61%
24	85.12%	84.40%	83.93%	83.87%	84.68%	84.61%
25	81.12%	80.40%	79.93%	79.87%	80.68%	80.61%

**Table 31. Maximum RTP Summary — \$5 Wager**

<b>Config.</b>	<b>BJ, 1 Deck</b>	<b>BJ, 2 Decks</b>	<b>BJ, 6 Decks</b>	<b>BJ, 8 Decks</b>	<b>S/P21, 6 Decks</b>	<b>S/P21, 8 Decks</b>
1	82.16%	81.44%	80.97%	80.91%	80.52%	80.46%
2	84.16%	83.44%	82.97%	82.91%	82.52%	82.46%
3	81.65%	80.93%	80.46%	80.40%	80.61%	80.54%
4	83.45%	82.73%	82.26%	82.20%	81.61%	81.54%
5	84.45%	83.73%	83.26%	83.20%	82.61%	82.54%
6	82.01%	81.29%	80.82%	80.76%	80.64%	80.57%
7	84.01%	83.29%	82.82%	82.76%	82.64%	82.57%
8	83.68%	82.96%	82.49%	82.43%	81.64%	81.57%
9	84.08%	83.36%	82.89%	82.83%	81.64%	81.57%
10	82.29%	81.57%	81.10%	81.04%	80.65%	80.59%
11	84.29%	83.57%	83.10%	83.04%	82.65%	82.59%
12	83.59%	82.87%	82.40%	82.34%	80.65%	80.59%
13	81.91%	81.19%	80.71%	80.66%	80.67%	80.60%
14	83.91%	83.19%	82.71%	82.66%	82.67%	82.60%
15	84.91%	84.19%	83.71%	83.66%	83.67%	83.60%
16	83.77%	83.05%	82.58%	82.52%	81.67%	81.60%
17	81.60%	80.88%	80.41%	80.35%	80.68%	80.61%
18	82.60%	81.88%	81.41%	81.35%	81.68%	81.61%
19	83.60%	82.88%	82.41%	82.35%	82.68%	82.61%
20	85.60%	84.88%	84.41%	84.35%	84.68%	84.61%
21	84.12%	83.40%	82.93%	82.87%	82.68%	82.61%
22	86.12%	85.40%	84.93%	84.87%	84.68%	84.61%
23	84.32%	83.60%	83.13%	83.07%	82.68%	82.61%
24	86.32%	85.60%	85.13%	85.07%	84.68%	84.61%
25	83.92%	83.20%	82.73%	82.67%	80.68%	80.61%

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### Summary

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Overall, Bonus Spin Xtreme Power Up for Blackjack and Pontoon 21/Spanish 21 offers a range of RTPs, depending on how it is configured. The maximum possible RTP is 87.94%, under Progressive Configuration #3 of the \$1 wager, when no reserve meters are used, Blackjack is being played, and a single deck is utilized. The lowest RTP calculated is 78.09%, under Progressive Configuration #1 of the \$2 wager when the reserve meter fully funds the progressive reseed values, Blackjack is being played, and eight decks are utilized.

LO-00-AGY-23-02-000

GLI-1

Page 27 of 27

It should be noted that this evaluation does not cover the review or use of the progressive equipment itself.

Please visit [Gaminglabs.com](https://www.gaminglabs.com) to view the applicable Terms and Conditions and GLI Product Certification Scheme.

Should you have any questions, please feel free to contact our office.

Sincerely,

**GAMING LABORATORIES INTERNATIONAL, LLC**

A handwritten signature in cursive script, appearing to read 'CM Gallo', is positioned above the printed name and title.

Christine M. Gallo

Senior Vice President, Quality and Technical Compliance

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