REFERENCE APPENDIX

RTP, caps and observed results

ENGLISH

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G09

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2. Tower Rush — rules and configurations

Galaxsys states the release date 28.02.2024, RTP 96,2–97,6% and the provider license MGA/B2B/592/2018. In PDF Galaxsys, 95,1–97,6% appear and, in another edition of the catalog, 96,17–97%. These ranges are stored as characteristics of different publications. In the working demo profile, RTP 97% is used for the calculation. The provider build designation and the real-money integration configuration are set separately. Game card (https://galaxsys.co/games/tower-rush/) · PDF 2024 (https://galaxsys.co/media/2024/07/12/7e5ed36527bc9ccefe33a58daaa514da4f895189.pdf) · PDF with range 96,17–97% (https://galaxsys.co/media/2025/10/21/d5b6747367c8ea502624e6cd31e6a129cb5e9a8e.pdf)

2. Tower Rush — rules and configurations

Key	Mode	Unit	Accepted RTP	Grid	Cap
TR-FR-FUN	Demo log	FUN	97%	1–100 FUN, step 0,50 FUN	10 000 FUN per round
TR-FR-EUR	Isolated cash log	EUR	97%	0,50–50,00 EUR, step 0,05 EUR	2 500 EUR per round
TR-FR-CMP-ALT	Expected value comparison	EUR	96,2%	Same turnover 250 EUR	Comparison without reaching the cap

The player selects a bet and presses Build. The server accepts one initial debit. With each successful floor, the current amount is multiplied by the floor coefficient. The player locks in the accumulated amount via Cashout or chooses the next Build. A fall ends the round. Gross is the only final game payout for the cycle. An external withdrawal from the cashier is a separate operation.

2. Tower Rush — rules and configurations

Mechanics	Condition	How it is accounted for
Frozen Floor	Successful hidden bonus floor	Locks in the accumulated amount. On a subsequent fall, the protection is paid. On a successful Cashout, the total including the protection is paid. After Frozen, no new bonus floors occur; a successful subsequent floor gives a minimum of 1,5× under the saved rules.
Temple Floor	Opens after a successful floor	One spin, sectors 1,5×, 1,5×, 2×, 2×, 3×, 3×, 5×, 5×, 7×, Frozen. The multiplier is applied to the accumulated amount. Frozen locks it. The number of sectors does not set their weights.
Triple Build	After opening the feature	Three additional floors, each no lower than 1× under the saved rules. All are part of the current round with a single real-money debit.
Amount limit	Gross reached the set cap	Amounts above the cap are not credited. The win limit itself does not prove a mandatory automatic calculation. Continuing may lose the unprotected amount.
Connection loss	The moment before and after acceptance differs	Before acceptance there is no new debit. After acceptance, the history is restored via ID. The saved rules provide for settlement after an hour of inactivity if the connection has not been restored, and a refund of the original bet in the event of a technical cancellation.
Missing elements	Original mechanics	No shared flights, second panel, auto-collect, slot grid, cascades, bonus buy, ante and in-game jackpot.

2. Tower Rush — rules and configurations

Mechanics	Condition	How it is accounted for
FreeBet / FreeAmount	Separate promo tool Galaxsys	FreeBet stores the number of issued bets. FreeAmount stores the bonus balance. Activation is required. Switching to regular funds is accounted for as a separate state.

Tower Rush 2 — a separate version with 50% Cashout, Re-Buy and a 10-Floor Bonus Round scale. Tower Rush Branded is stored as a separate card of the family. Their properties cannot be used when calculating the original Tower Rush. Tower Rush 2 announcement (https://galaxsys.co/news/galaxsys-takes-its-hit-game-higher-with-tower-rush-2/)

On the original card, Galaxsys claims Provable Fairness and the use of RNG. The saved interface contains a link to hash verification. Verification of a specific round uses the published commitment, exact inputs, encoding, protocol version and display of the digest in the outcome. The computed seed and the reproduced outcome of Tower Rush are accounted for according to the protocol of the specific round. The results below are confirmed by the arithmetic of the log. Galaxsys (https://galaxsys.co/games/tower-rush/)

3. Game log, settlement and risk

TR-FR-DEMO-01 · test session 06.11.2026, 10:04–10:31 CET, ENV-A/NET-W. Opening 750,00 FUN. One time slot includes up to one accepted Build cycle. Each row is closed either by a single payout, or by a zero outcome, or by a refund.

3. Game log, settlement and risk

Cycle	Debit FUN	Multiplier	Gross FUN	Refund FUN	Net FUN	Remainder FUN	Event
TR-FR-D01	12.50	0	0.00	0.00	-12.50	737.50	Fall
TR-FR-D02	15.50	1.4	21.70	0.00	6.20	743.70	Cashout 1,4×
TR-FR-D03	17.50	0	0.00	0.00	-17.50	726.20	Fall
TR-FR-D04	6.00	3.6	21.60	0.00	15.60	741.80	Temple: 1,8× × 2×
TR-FR-D05	19.50	1.8	35.10	0.00	15.60	757.40	Cashout 1,8×
TR-FR-D06	16.00	0	0.00	0.00	-16.00	741.40	Fall
TR-FR-D07	12.50	2.5	31.25	0.00	18.75	760.15	Frozen 2,5×, then fall
TR-FR-D08	3.50	3	10.50	0.00	7.00	767.15	Triple: 1,2× × 1,25× × 2×
TR-FR-D09	5.00	1	5.00	0.00	0.00	767.15	Cashout at 1×
TR-FR-D10	6.00	0	0.00	0.00	-6.00	761.15	Fall
TR-FR-D11	5.50	1.5	8.25	0.00	2.75	763.90	Cashout 1,5×
TR-FR-D12	4.00	void	0.00	4.00	0.00	763.90	Technical cancellation
TR-FR-D13	6.50	0	0.00	0.00	-6.50	757.40	Fall

3. Game log, settlement and risk

Cycle	Debit FUN	Multiplier	Gross FUN	Refund FUN	Net FUN	Remainder FUN	Event
TR-FR-D14	5.50	3.75	20.63	0.00	15.13	772.53	Frozen 2,5×, then 1,5× and Cashout
TR-FR-D15	12.00	0	0.00	0.00	-12.00	760.53	Fall
TR-FR-D16	7.00	0	0.00	0.00	-7.00	753.53	Fall
TR-FR-D17	20.50	2.05	42.03	0.00	21.53	775.06	Cashout 2,05×
TR-FR-D18	5.50	1.2	6.60	0.00	1.10	776.16	Cashout 1,2×
TR-FR-D19	14.50	0	0.00	0.00	-14.50	761.66	Fall
TR-FR-D20	18.50	1.55	28.68	0.00	10.18	771.84	History recovery after background
TR-FR-D21	5.50	0	0.00	0.00	-5.50	766.34	Fall
TR-FR-D22	21.00	2.1	44.10	0.00	23.10	789.44	Cashout 2,1×
TR-FR-D23	9.00	0	0.00	0.00	-9.00	780.44	Fall
TR-FR-D24	5.00	1.6	8.00	0.00	3.00	783.44	Cashout 1,6×

3. Game log, settlement and risk

Parameter	Value
Accepted Build / settled / void	24 / 23 / 1
Primary debits	254.00 FUN
Technical refund	4.00 FUN
Comparable turnover	250.00 FUN
Gross of rounds	283.44 FUN
Net of session	33.44 FUN
Final remainder	783.44 FUN
Gross / turnover	113.3760%
Average gross/stake over rounds	1.176149
Positive payout	13/23 = 56.5217%
Profitable rounds	12/23 = 52.1739%
Return of exactly the stake	1/23
Functions	4: 2 Frozen, 1 Temple, 1 Triple
Maximum gross	44.10 FUN
Net variance	160.719379 FUN^2 (n−1)
Standard deviation	12.677515 FUN

3. Game log, settlement and risk	
Parameter	**Value**
Maximum drawdown on closings	23.80 FUN
Longest streak net<0	2 closed rounds in a row
Wilson 95%, gross>0	36.8114%–74.3654%
Pending at the end	0 FUN
Separate demo reset	783.44 → 750.00 FUN, adjustment -33.44 FUN

The session return depends on the specific outcomes. With equal turnover 250,00 EUR and RTP 97% the calculation gives gross 242,50 EUR, net −7,50 EUR. At 96,2% gross 240,50 EUR, net −9,50 EUR. The difference is 0,8 p.p. RTP and 2,00 EUR of the expected loss (21,05% of 9,50 EUR). Payout frequency and profit frequency measure different events.

GR02 · Configuration

GR02 · Configuration		
ID	**Parameter**	**Scope, condition and result**
GR02-04	Owner of configuration selection	The mathematics are determined by the integration profile. The player selects an eligible stake
GR02-06	Condition for switching between configurations	No automatic switching between RTP in the profile
GR02-07	Switch counter value	No switch counter between configurations
GR02-08	Counter reset period and moment	Demo reset applies to the wallet, not to the RTP configuration
GR02-09	Overweight on the selected RTP	3% at 97%; 3,8% at 96,2%
GR02-10	Definition of a random event	Success/fall of an individual Build. The binary reference in §3 is defined separately
GR02-11	Event probability per control calculation	0,485 at payout 2× only in the policy reference
GR02-13	Scope of the cap	Gross per completed round in the circuit currency
GR02-16	Round dependency in the control calculation	Independent series in Monte Carlo. Dependency of Tower Rush floors is accounted for separately
GR02-17	Price of the monetary grid step	0,05 EUR в TR-FR-EUR
GR02-18	Payout rounding rule	Exact product of multipliers, cap, then half up to 0,01

GR15 · Statistics

GR15 · Statistics

ID	Parameter	Scope, condition and result
GR15-01	Statistics denominator	23 settled without void
GR15-02	Positive payout frequency	56.5217% for gross>0
GR15-03	Profitable event frequency	52.1739% for net>0
GR15-06	Average normalized return	1.176149 average gross/stake across rounds
GR15-08	Result variance	160.719379 FUN²
GR15-09	Standard deviation	12.677515 FUN
GR15-10	Maximum drawdown	23.80 FUN, by closings from peak
GR15-11	Longest losing streak	2 consecutive net<0
GR15-12	Quantiles of the final result	P05/P50/P95 across four reference policies, §3
GR15-13	Estimate precision interval	Wilson 95% for gross>0: 36.8114%–74.3654%

GR33 · Jackpot and RTP

GR33 · Jackpot and RTP

ID	Parameter	Scope, condition and result
GR33-01	Jackpot trigger stage	The in-game jackpot is not triggered in the original
GR33-02	Scope of the shared jackpot fund	There is no shared fund
GR33-03	Rule for including the jackpot in RTP	A separate jackpot component is not applied in the accepted RTP

Identity and parameters

Tower Rush — the game Galaxsys with tower building and sequential floor placement. The provider uses the categories Fast Games, Turbo Games and Tower Games in different blocks. Tower Rush 2 and Tower Rush Branded are shown as separate titles and are not combined with the original. The number of floors is stated to be unlimited, but this does not override the monetary win limit.

Identity and parameters

Parameter	Source and value	Status
Release date	Galaxsys: 28 February 2024; SlotCatalog: 19 December 2024; Casino Guru: December 2024	Approved; dates are tied to the respective publications
RTP	Card Galaxsys 96.2–97.6%; demo rules and PDF 96.17–97%; SlotCatalog 96.12–97%; Casino Guru 97%	Approved; ranges are tied to the respective sources and configurations
Bet	Demo Galaxsys 1–100 FUN; text SlotCatalog €0.01–100; attributes SlotCatalog 0.4–400 ($/€/£); Casino Guru $0.01–100	Approved; values are tied to the text, catalog attributes and demo mode

Identity and parameters

Parameter	Source and value	Status
Maximum win	Demo 10 000 FUN (in the source “10.000 Fun”); SlotCatalog €10,000 and 100x at maximum bet; Casino Guru 100x	100x refers to the profile specified in the respective card
Volatility / hit frequency	SlotCatalog; the characteristics relate to the respective game profile	Approved; volatility and frequency are treated as separate characteristics
Technology	SlotCatalog: JS, HTML5, 7.2 MB; last update 28.09.2026	Approved catalog characteristics