

COSMIC FORTUNE™

Game Type: Video Slot Game

Return to Player: 96.9%

Cosmic Fortune™ is the first ever video slot from Net Entertainment™ with an amazing 5 Jackpots, including 3 progressive Jackpots for wins that are out of this world!

The game is packed with features: the Jackpot game, 2 Bonus Games, Free Falls, Avalanche Feature™, and Wild substitutions, ensure this 5-reel, 3-row 15-line video slot creates multiple chances for big wins!

In the main game, 3 Scatter symbols award 10 Free Falls. Activate the Free Falls Bonus Game and go for coin wins or the chance to trigger the Jackpot Game by collecting marbles in Free Falls.

Enter the Jackpot Game and hit the target 3 times to win one of the 5 Jackpots!



Game Sheet Version: 1.6

Date: 2014-12-08

NETENT

GENERAL INFORMATION	
Game Type	Video Slot Game
Reel Type	Avalanche™
Reels	5 columns, 3 rows, 15 bet lines (fixed)
Default Bet Levels	1-10
Default Coin Values (€)	0.01, 0.02, 0.05, 0.10, 0.20.
Default Min / Max Bet (€)	0.15 / 30
Default Free Round Values	Bet level 1, 15 bet lines, €0.01 coin value (cost €0.15)
GAME FEATURES	
	<ul style="list-style-type: none"> • 5 different Jackpots. • 2 Bonus Games. • Avalanche™ feature. • Free Falls. • Scatter symbol. • Wild substitutions.
PAYOUT	
Return to Player (%)	96.9
Default Maximum Win	€3 000 / 15 000 coins – on a single bet line
Hit Frequency (%)	40.5
RESPONSIBLE GAMING	
Player Limits	<ul style="list-style-type: none"> • Player and casino operator can set the following play limits: Bet & loss per session, day, week or month. Block all play for a specified period of time. Restrict session play length in minutes. • Playing for real is restricted by player account funds (i.e. cannot play for credit). • (Italy jurisdiction only) Player can initially have a maximum of 1.000 € in the wallet. Since each game is a user session, the player's wallet may exceed this limit during play.
Other	<ul style="list-style-type: none"> • Play for Fun • Variable coin values • Variable bet levels • G4 mode
TECHNICAL INFORMATION	
Game ID	cosmicfortune (basic wallet) cosmicfortune_sw (seamless wallet)
Game Version	1.0
Paytable Version	1.0
Screen Footprint	Optimised for 640x480 and 1024x768
Technology	Flash 10 or higher
Deployment	Refer to CasinoModule Help for information about launching CasinoModule games.



Cosmic Fortune™ graphics

Game Theme & Graphics

The main game takes players to deepest, darkest space, where a mysterious spiral galaxy beckons in the background.

The Avalanche™ Feature increases the chance of bigger wins on a spin. Symbols in winning combinations, apart from Scatter symbols, light up and disappear, leaving space for a second Avalanche of symbols for a chance of bigger wins.

Players winning 3 Scatter symbols progress to Free Falls, with 10 Free Falls awarded for 3 Scatter symbols and an extra 5 for each additional Scatter symbol.




Main game

Main Game

Players can select the coin value and bet level before starting the game round.

- **Game actions.** The buttons on the key pad perform the following different game actions:

LEVEL	Clicking the left and right arrows increases and decreases the bet level (i.e. number of coins per bet line) by 1. To increase or decrease faster, the player can click and drag the slider below.
	Clicking the Spin button starts a game round at the current bet level and coin value.
MAX BET	MAX BET plays the game at the highest bet level and the current coin value.
COIN VALUE	Clicking the left and right arrows increases and decreases the coin value to the next level. To increase or decrease faster, the player can click and drag the slider below.
AUTOPLAY	Clicking AUTOPLAY automatically plays the game for the selected number of rounds.



Wild symbol

Wild Substitution

Wild symbols substitute for the highest possible winning combination on a bet line creating even more chances to win.

In the main game and in Free Falls, Wild symbols can appear randomly anywhere on reels 2-4 only and substitute for all symbols except for Scatter symbols.



Free Falls Bonus Game

Free Falls

In Free Falls, all symbols on winning bet lines are turned into marbles, which are collected and played in the Free Falls Bonus Game.

Anticipation increases in the Free Falls Bonus Game as players follow the marbles as they are dropped from the spaceship - will they hit a Coin Win Cup for a cash prize, or the Jackpot Collector Cup for a chance at Mega wins in the Jackpot game?

3 hits on the Jackpot Collector Cup launches players into the ultimate goal of the game, the sought-after Jackpot Game!



Jackpot Game

Jackpot Game

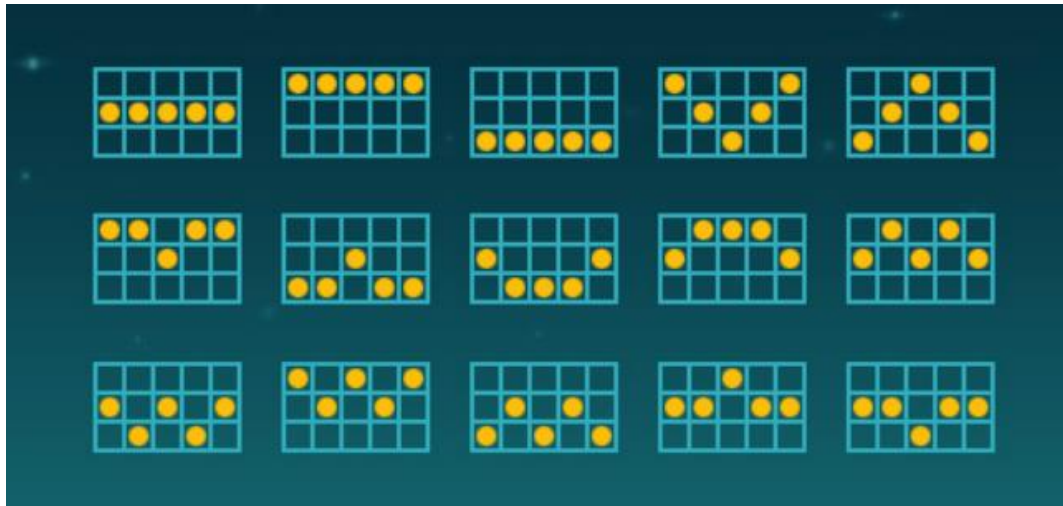
The space-age theme continues in the Jackpot Game with fun animations as 50 marbles drop from the spaceship to award a coin win prize and/or one of the 5 different Jackpots for massive wins!

Besides the 3 progressive Jackpots and 2 fixed value Jackpots, the Jackpot Game contains 4 Coin Win Cups and 5 Jackpot Collector Cups.

Players need to hit one of the Jackpot Collector Cups only 3 times to win the Jackpot!

The progressive Mega, Major and Midi Jackpots are definitely the ones to watch. As the Jackpots accumulate, and players anticipate winning their Cosmic Fortune™, the game creates out-of-this-world opportunities for massive Jackpot wins!

Bet Lines



Payout Summary

GAME RETURN TO PLAYER (RTP)

- Total: 96.9%
- Main game: 53.7%
- Free Falls (excluding Free Falls Bonus Game wins): 12.7%
- Coin wins in Free Falls Bonus Game: 8.7%
- Coin wins in Jackpot Bonus Game: 12.9%
- Progressive Jackpot Wins: 6.3%
- Fixed Jackpot Wins: 2.2%

HIT FREQUENCY

- Any win: 40.5%
- Into Free Falls: 1.6%
- Any win in Free Falls: 45.0%

MAXIMUM PAYOUT (EXCLUDING JACKPOT)

- Main game: €3 000 / 15 000 coins - on a single bet line
- Free Spins: €3 000 / 15 000 coins - on a single bet line
- Coinciding: €7 038 / 35 190 coins

Note: The maximum win of a game round is higher than the maximum coinciding win, since a game round may include several falls.

JACKPOT DETAILS

JACKPOT NAME	JACKPOT EXPECTED VALUE (€)	JACKPOT HIT FREQUENCY	DEFAULT JACKPOT SEED VALUES (€)	JACKPOT CONTRIBUTION RATIO	JACKPOT LIABILITY	JACKPOT TYPE
Rapid (Fixed)	100	From main game: 0.306% From bonus game: 31.258% (at max bet)	100	0.0%	Licensee	Local
Mini (Fixed)	500	From main game: 0.0708% From bonus game: 7.258% (at max bet)	500	0.0%	Licensee	Local
Midi (Progressive)	4 000	From main game: 0.00868% From bonus game: 0.887% (at max bet)	500	1.0%	Licensee	Local
Major (Progressive)	13 500	From main game: 0.00359% From bonus game: 0.363% (at max bet)	1 000	1.4% (+0.1% to baby)	Licensee	Local

Mega(Progressive)	100 000	From main game: 0.00114% From bonus game: 0.117% (at max bet)	4 500	3.3% (+0.5% to baby)	Licensee	Local
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PAYOUT RULES IN MAIN GAME

- Bet line wins pay if in succession from the leftmost reel to the rightmost reel.
- A bet line win in coins is equal to the value shown in the PAYTABLE multiplied by the bet level. This amount is also multiplied by any applicable multipliers.
- A bet line win in currency is equal to the win in coins multiplied by the coin value.
- Only the highest win per bet line is paid.
- Simultaneous wins on different bet lines are added.
- All coin wins pay on bet line wins, and Coin Win Cup wins only.

PAYOUT RULES IN FREE FALLS

- Free Falls are played at the same bet level and coin value as the round that activated Free Falls.
- Free Fall wins are added to any initial bet line wins.
- At the end of Free Falls and any Jackpot Game, the game returns to the round that activated Free Falls.

PAYOUT RULES IN THE JACKPOT GAME

- A maximum of 1 Jackpot can be won in each Jackpot Game.
- The chance to win the progressive Jackpots correlates positively with the increase in the size of the bet.
- At the end of the Jackpot Game, the total win from the Jackpot Game is added to any wins from the round that activated the Jackpot Game.
- At the end of the Jackpot Game, the total bonus win in currency is equal to the win in coins multiplied by the coin value.

Paytable

	5 1500 4 250 3 50		5 1000 4 100 3 25		5 500 4 50 3 20
	5 200 4 25 3 15		5 100 4 20 3 5		5 75 4 15 3 4
	5 50 4 10 3 3	<p>The coin payout values are based on bet level 1. Only the highest win per bet line is paid. Bet line wins pay if in succession from the leftmost reel to the rightmost reel. Malfunction voids all pays. For more information, see the Game Rules.</p>			

Paytable page 1

FREE FALLS

3 Scatter symbols appearing randomly anywhere on the reels in the main game only, activate 10 Free Falls. Each additional Scatter symbol appearing anywhere on the reels in the main game only, activates an additional 5 Free Falls.

Free Falls starts when there are no more bet line wins and the Avalanche™ feature ends.

In Free Falls, all symbols on winning bet lines are transformed into marbles.


The coin payout values are based on bet level 1. Only the highest win per bet line is paid. Bet line wins pay if in succession from the leftmost reel to the rightmost reel. Malfunction voids all pays. For more information, see the Game Rules.


Paytable page 2

FREE FALLS


The Free Falls Bonus Game starts at the end of Free Falls.

Marbles landing in the Coin Win Cups award 5, 10 or 15 coins.






COIN WIN CUP



JACKPOT COLLECTOR CUP



JACKPOT METER

Marbles falling through the Bonus Game and can land randomly in a Coin Win Cup or the Jackpot Collector Cup.

Marbles landing in the Jackpot Collector Cup fill the Jackpot Meter. The Jackpot Game is activated when 3 marbles are collected in the Jackpot Collector Cup.


The coin payout values are based on bet level 1. Only the highest win per bet line is paid. Bet line wins pay if in succession from the leftmost reel to the rightmost reel. Malfunction voids all pays. For more information, see the Game Rules.

Paytable page 3


JACKPOT GAME

The Jackpot Game is a Bonus Game which can randomly activate a coin win and/or win one of 5 different Jackpots. A maximum of 1 Jackpot can be won in the Jackpot Game. The Jackpot Game has 3 progressive Jackpots and 2 fixed value Jackpots.


Marbles landing in the Coin Win Cups award 20 or 40 coins.




1 hit



2 hits



3 hits




Coin Win Cup

Each Jackpot Collector Cup has a meter, which increases with every marble that lands in the cup. If a marble lands in the same Jackpot Collector Cup 3 times, that Jackpot is won!

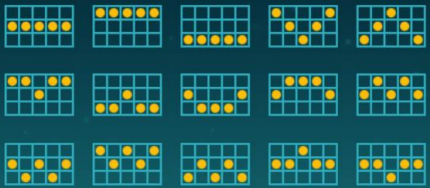
The coin payout values are based on bet level 1. Only the highest win per bet line is paid. Bet line wins pay if in succession from the leftmost reel to the rightmost reel. Malfunction voids all pays. For more information, see the Game Rules.

Paytable page 4


WILD SYMBOL



In the main game and in Free Falls, Wild symbols can appear randomly anywhere on reels 2-4 only and substitute for all symbols.



Wild symbols substitute for the highest possible winning combination on a bet line. For more information, see the Game Rules.

 The coin payout values are based on bet level 1. Only the highest win per bet line is paid. Bet line wins pay if in succession from the leftmost reel to the rightmost reel. Malfunction voids all pays. For more information, see the Game Rules.

Paytable page 5

Randomisation

RANDOM NUMBER GENERATOR (RNG)

The algorithm used for random number generation (RNG) is Fortuna, a cryptographically secure pseudorandom number generator (PRNG) devised by Bruce Schneier and Niels Ferguson. For more information, see the document Random Number Generation.

The Random Number Generator and its implementation has been tested and approved/certified for randomness according to prevailing industry standards by an accredited, independent, 3rd party test facility.

ALGORITHM FOR A RANDOM REEL POSITION

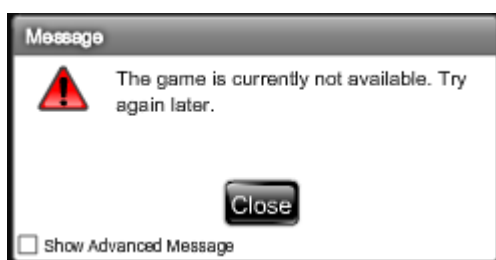
A reel represents an array of symbols where each symbol has an index ("a position").

1. A random number between 0 (zero) and the length of the reel is acquired.
2. The random number is added to the game as "the new reel position to use".

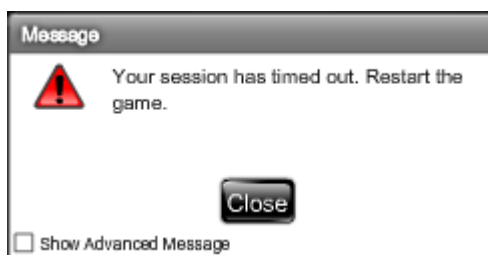
Malfunction Management

If a player attempts to access a game using an invalidated session, (for example, due to inactivity or system restart) an error message is displayed in the game. The player can then log on again and resume game play. The game state is always stored so the player can resume game play exactly where he or she left off.

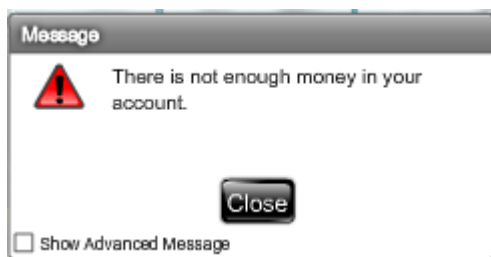
In case of an HTTP error, network timeout or server error a "technical error" message will be displayed to the player and the game will stay in an "unavailable" state until the player reloads the game at a time when the game becomes available.



If a session times out, a "session timeout" message will be displayed to the player and the game will stay in an "unavailable" state until the player reloads the game.



In case of an "out of money" event, an "out of money" message will be displayed to the player and the game will stay in an "unavailable" state until the player reloads the game.



Further information on management of malfunctions is also described in section 3.2.1 of the Gaming Platform (Progetto Della Piattaforma Di Gioco) document. This document provides details on how a player is informed of balance return payments and the technical process.

Information regarding session timeouts and malfunctions is provided to the player via the game rules. Specifically, the player is informed that "In the event of malfunction of the gaming hardware/software, all affected game bets and payouts are rendered void and all affected bets refunded."

Information to the Player

Players receive a response required message every hour of continuous play: They cannot continue playing unless they respond to the message which provides them with details about the amount bet and won so far during game play.

Players also have access to their game session history and game rules from within the game at all times.

Game Simulation

A demo version of the game is available at <http://www.netent.com/games/>

DOCUMENT VERSION HISTORY

Cosmic Fortune™ Game Sheet
Version 1.6, 2014-12-08

VERSION	WHEN	WHAT
1.6	2014-12-08	Republish due to New Final Math, Jackpot changes.
1.5	2014-11-21	New Final Math, changes to coin values.
1.4	2014-09-26	Update to payable page 1 image
1.3	2014-09-25	Revised Flash version.
1.2	2014-09-12	updated payable image
1.1	2014-09-11	Updated payable image page 4
1.0	2014-07-22	First version.