JACK AND THE BEANSTALK™

Game Type: Video Slot Game
Return to Player: 96.3%

The NetEnt has re-defined the treasure quest with their latest premium
video slot, Jack and the Beanstalk.
The treasure quest begins with 5-reels, 20-bet lines and an all new Walking Wild feature.

NETENT

GENERAL INFORMATION	
Game Type	Video Slot Game
Reel Type	Spinning Reels
Reels, Lines	5 reels, 3 rows, 20 bet lines (fixed)
Default Bet Levels	1 - 10
Default Coin Values (€)	0.01, 0.02, 0.05, 0.1, 0.2, 0.5
Default Min / Max Bet (€)	0.2 / 100
Minimum Free Round Values (Please check your current free round values)	Bet level 1, 20 bet lines, €0.01 coin value (cost €0.20)

GAME FEATURES	
	• Walking Wild Substitution. • Wild symbols pay coin win x3. • Treasure Collection in Free Spins.

PAYOUT	
Return to Player	96.3%
Default Maximum Win	€15 000 / 30 000 coins – on a single bet line
Hit Frequency	34.4%

RESPONSIBLE GAMING	
Player Limits	• 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	• Play for Fun • Variable coin values • Variable bet levels • G4 mode

TECHNICAL INFORMATION	
Game ID	jackandbeanstalk_not_mobile (basic wallet) jackandbeanstalk_not_mobile_sw (seamless wallet)
Display Resolution	1280 x 720
Aspect Ratio	16:9
Technology	HTML5
Deployment	Refer to CasinoModule Help for information about launching CasinoModule games.

Intro screen

Game Theme Graphics

The classic tale of Jack and the Beanstalk revived with our latest premium video slot. Experience a whole new level of excitement where Jack take players on an adventure ride to the reels of giants and riches.

Rows, reels and bet lines

15 reels spinning

Main Game

Players can select the coin value and bet level before spinning the reels.

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

LEVEL 5	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.
(Spin button)	Clicking the Spin button starts a game round at the current bet level and coin value.
MAX BET	Clicking this button changes the bet level to 10 and starts a game round.
COIN VALUE 0.50	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.
AUTO PLAY	Players can open the Autoplay options window by clicking this button.

- **Game rounds**. When the player clicks the Spin button, the amount bet is debited from the current credit (available coins and credit). The reels automatically come to rest. When G4 mode is disabled, the player can stop the reels during the initial spin by clicking the spin button.

- **Game results**. At the end of the game round, the game highlights which lines are winners and how much has been won on each line. The total winnings are added together and shown in the Win box. The amount won is added to the cash and displays in the game panel.

Medium Win Symbol Animation

Big Win Presentation

Big Win

The Big Win presentation in Jack and the Beanstalk gives players a chance to see Jack at his happiest. Jack jumps out from the door of his cottage and cheers as the reels light up with a spectacle of lights and sounds.
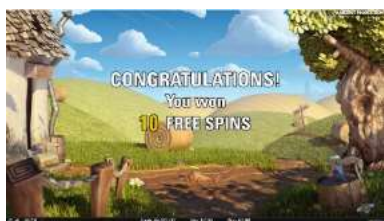

Walking Wild Re-Spin in the Main game

Walking Wilds

The featured Walking Wild in Jack and the Beanstalk is what online video slot gaming is all about. Satisfaction is guaranteed when a Wild hits the reels. In addition to the animations and sounds, wins with Wilds are tripled. The sky is truly the limit here in this all around fun-filled premium video slot game.

Main Game / Free Spins. Walking Wilds in the main game as well as in Free Spins can appear on any of the reels and progressively move to the leftmost reel after each re-spin. After a re-spin on reel one the Wild symbol disappears from the reels.

Free Spins Intro Screen

Regular Wild

Key Symbol

Free Spins Wilds / Treasures

Free Spins and Treasure Collection

The Treasure Collection feature in Free Spins is another reason that sets NetEnt apart from others in the industry. Jack and the Beanstalk offers players an online gaming experience that can only be found in one of NetEnt's premium video slots.
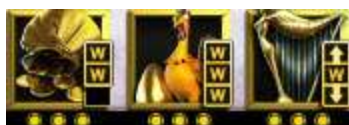
- **Treasure Collection Feature.** After Jack is snatched up by the beanstalk and taken to the clouds, the players notice that in addition to the animations and changing of the reels, Jack takes players even closer to his goal of collecting the treasures of the castle. For every three Keys collected from the 5th reel, players notice that any Wild symbol appearing on the reels is transformed into one of the following Wilds:

- **Double Stacked Wild of two Money Bags.** True to the tale Jack brings money bags to the reels taken from the giant's castle. Any Wild appearing on the reels after 3 keys are collected, transform into a Double Stacked Wild.

- **Triple Stacked Wild of Three Golden Hens.** Jack wants to find the hen that lays golden eggs. Players lucky enough to hang around the clouds with Jack and collect a total of 6 Keys unlock the triple Stacked Wild.

Treasure Collection in Free Spins with a Triple Stacked Golden Hen Wild and an Expanding Golden Harp

- **Expanding Golden Harp Wild.** Above all Jack wants the talking golden harp. When a total of 9 Key symbols are collected the Expanding Golden Harp is unlocked.

As if the story was ripped from the pages of a book and came to life on the reels, Free Spins in Jack and the Beanstalk bring the classic tale of Jack and his heroic adventure to life.

Video Slot Elements

Video Slot Elements

The standard NetEnt video slot display area, keypad, and game panel are used in Jack and the Beanstalk. Players use the following game elements to perform the following actions.

- **Information Table.** Displays the in-game paytable.
- **LEVEL.** Increases or decreases the number of bet levels.
- **AUTOPLAY** or **AUTO.** Changes the autoplay settings, and/or set the game to play a selected number of rounds.

- Starts a game round at the current bet level.

- **MAX BET.** Starts a game round at the maximum bet level and lines, and current coin value.
- **COIN VALUE.** Increases or decreases the coin value.

- Opens the game settings menu.

- Displays the game rules.

Paytable page 1

Information Button

Jack and the Beanstalk has a six page paytable that displays the payout for each winning combination, including symbol combinations, Walking Wilds and the Free Spins feature. Left and right arrows move the player between the paytable pages.

- **Page 1.** Displays information about the Scatter symbol and explains Free Spins retrigger.
- **Page 2.** Gives detailed information about the Walking Wild and the Re-Spin features.
- **Page 3.** Explains how the treasure Collection in Free Spins activates. In addition this page explains each Free Spins Wild symbol with detailed explanations.
- **Page 4.** Displays information about medium win symbols: Jack, Giant, Goat, Axe and Water Can
- **Page 5.** Displays information about low win symbols: A,K,Q,J and 10
- **Page 6.** Displays the games 20 bet lines.

Bet Lines
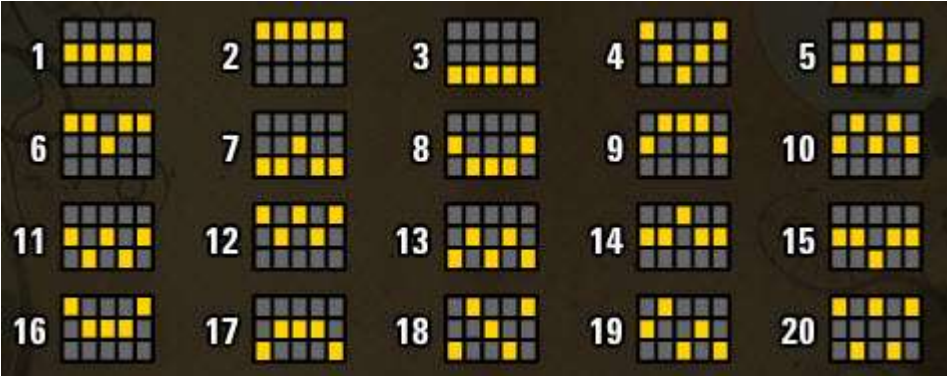
Payout Summary

GAME RETURN TO PLAYER (RTP)
- Total game: 96.3%
- Main game: 71.5%
- Free Spins: 24.8%

HIT FREQUENCY
- Main game: 34.4%
- Free Spins: 33.9%
- Into Free Spins: 0.59%

MAXIMUM PAYOUT
- Free Spins: €15 000 / 30 000 coins - on a single bet line
- Free Spins: €300 000 / 600 000 coins - max coinciding win
- Main Game: €5 000 / 10 000 coins - on a single bet line
- Main Game: €100 000 / 200 000 coins - max coinciding win
- Wild Respins: €15 000 / 30 000 coins
- Wild Respins: €300 000 / 600 000 coins - max win in feature

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

PAYOUT RULES IN MAIN GAME
- Bet line wins are multiplied by the number of coins bet per bet line.
- Wild symbol substitutes for all symbols except Scatter and Key symbols.
- Only the highest win on the bet line is paid.
- Bet line wins pay if in succession from leftmost to right.
- Simultaneous wins on different bet lines are added.

PAYOUT RULES IN FREE FALL
- 3+ Scatter symbols activate 10 Free Spins.
- 3+ Scatter symbols during Free Spins activate 5 additional Free Spins.
- Free Spins are played at the same bet as the round activating Free Spins.

Paytable

Paytable page 1

Paytable page 2

Paytable page 3

Paytable page 4

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.
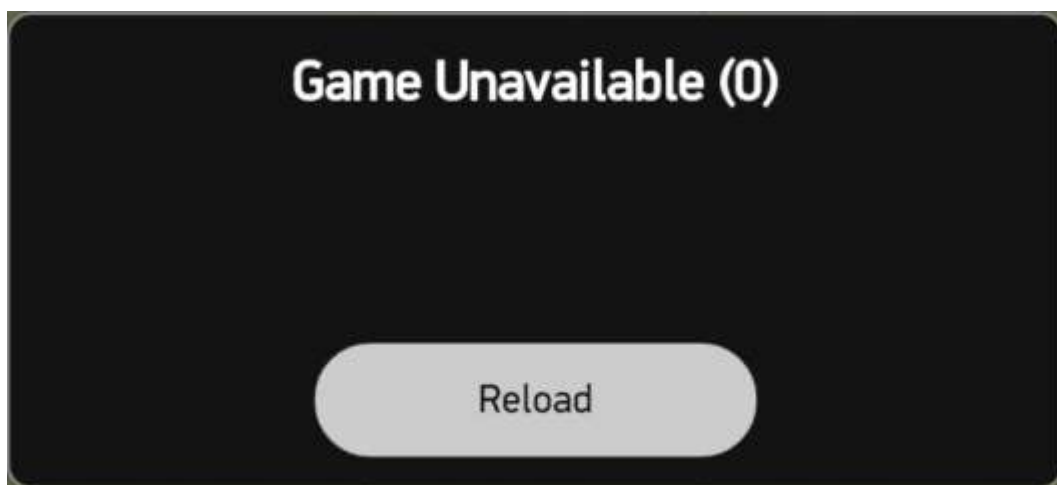
If a session times out, a "session timeout" message will be displayed to the player and the game will stay in an "unavailable" state until the player reloads the game.
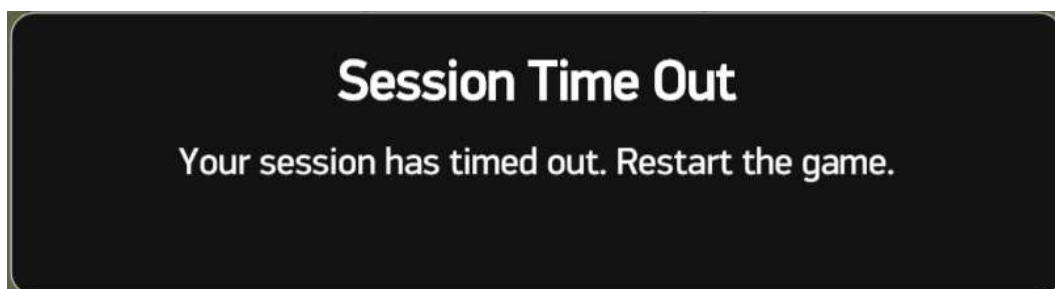
In case of an "out of money" event, an "out of money" message will be displayed to the player and the game will stay in an "unavailable" state until the player reloads the game.
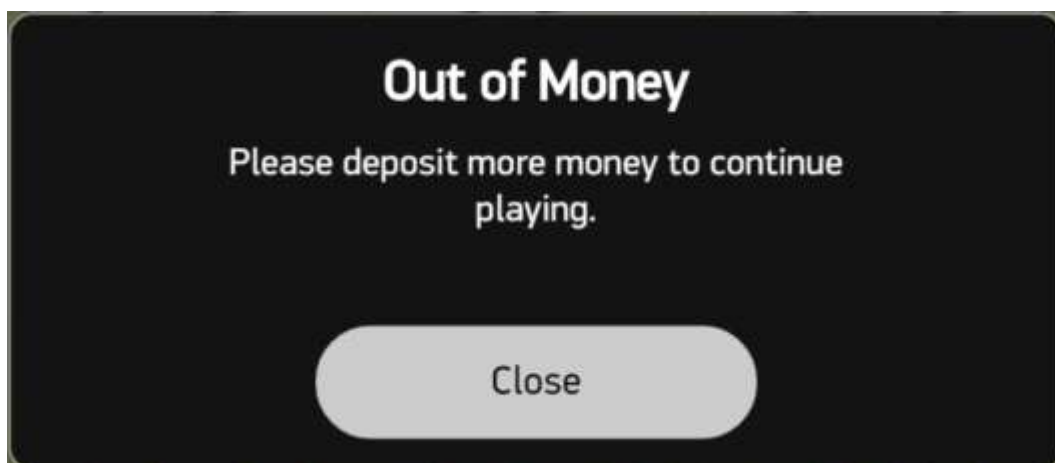
(Italy jurisdiction only) Further information on management of malfunctions is also described in section 3.2.1 of the Gaming Platform (Progetto Della Piattaforma Di Gioco) document. This document provides details on how a player is informed of balance return payments and the technical process.

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/

VERSION	WHEN	WHAT
1.0	2017-01-18	First version.