





'SILVER QUANDONG' TOP WITH 'SILVER QUANDONG' BRACING



**QUEENSLAND BLACKWOOD
BACK & SIDES**



SPECIFICATIONS - FINGERSTYLE GUITAR. VENETIAN (SOFT) CUTAWAY SHAPE BODY GUITAR

Model: 'Silver' / WJGS-SS / Serial No: 05 01 01 2018 / HANDCRAFTED BY WAYNE JOHNSON

Fret spacing for 645.16mm open string length. Width at nut 46.4mm. Width at 14th fret 55.6mm

Low Bout width 410mm. Upper Bout width 274mm. Waist width 245mm. Body length 506mm. Tail Height 112mm. Height at neck joint 89mm.

Sound hole diameter 98.5mm

Rosette in 'Jarrah' and 'Tasmanian Oak' timber rings with boarded with B/W/B purflings.

'Silver Quandong' top ('AUSTRALIAN GUITAR TIMBERS')

Queensland Blackwood Back and sides ('AUSTRALIAN GUITAR TIMBERS') . End Face Block 'Jarrah'.

Calculated ("Gore") Top thickness 2.62mm *. Top radius 28ft. Calculated ('Gore') Back thickness 2.3mm. Back radius 16ft

Sides 2mm

One timber piece bolt on neck 'Queensland Maple' with 'Volute'. Chrome button strap at heel end to be installed.

Neck inlay Pearl (half and full 'W' shapes) and black side dots. Finger Board Radius 16". Frets Standard Medium size ('StewMac').

Two way neck truss rod with Bell Shape 'Macassar Ebony' truss rod cover plate. 0.55mm Neck Relief applied at the 6th fret.

Back head plate 'Queensland Blackwood and front head plate Queensland Blackwood' & 'Macassar Ebony' with 'W' shape at the top and 'J' pearl inlay

'Queensland Blackwood' neck heel cap.

Finger board 'Macassar Ebony' with 'W' shape at sound hole end

'Gotoh Cosmo Black' 510 tuners

Bone 6.4mm wide compensated Nut with flaring for strings front / rear of nut. Bone 5mm wide compensated Saddle

Bone string pegs with acrylic tortoise shell inlay

Bridge 'Macassar Ebony' with 'W' Shape

Top Bracing 'Silver Quandong' and Back Bracing 'Adirondack Spruce'. Body neck block 'African Mahogany' and tail block 'Plywood insert in African Mahogany', Top lining Laminated Tasmanian Oak and Back Kerfing 'Adirondack Spruce'. Bridge plate 'Indian Rosewood'.

Top 'X' Bracing format. Back live bracing format 'Gore' style.

2 x 'Gore' style side mass panel fittings. $T(1,1)_1 = 96\text{Hz}$, $T(1,1)_2 = 167\text{Hz}$, $T(1,1)_3 = 213\text{Hz}$ achieved without weights.

Action String height at 12th fret is 2.5mm, 6th 'E' string, 2mm high at the 1st 'E' string, *String Height at the front of bridge*: Sound board to Saddle is 14mm.

'Jarrah' Timber bindings. Top includes outer edge with 'New Guinea Rosewood' purfling and B/W/B/W/B purfling.

'L R Baggs Lyric Acoustic Microphone' to be installed.

'Jarrah' timber veneer on 'Oregon' arm rest bevel from the lower bout to the waist adjoining the 'Jarrah' bindings.

Spray finish with Vinyl sealer coat and then 6 coats of 'Behlem' Nitro Lacquer. 3 week of curing then guitar is cut, buffed and polished.

* Vibration Stiffness Factor applied '65'
Data on Quandong Density 405kg/m³
Top Half Panel Calculated Figures:
464.8kg/m³ (L=0.555m, W=0.215m,
Mass 0.2496kg)
FI = 70Hz, fc = 144Hz, flc = 86Hz
Panel thickness = 0.0045m

