

Yamaha FX370 BL- LC

## **Design checklist pg 41**

### **Semi acoustic guitar**

Scale length- 23 in

Nut width- 1  $\frac{3}{4}$  in

Truss rod- hot rod

Neck shape- medium v

Neck thickness- 1 in at 12<sup>th</sup> fret;  $\frac{5}{8}$  to  $\frac{7}{8}$  in at nut; fretboard about  $\frac{1}{4}$  in; thicker neck easier to keep straight

String spacing at nut- 1- $\frac{21}{64}$ " (33.65mm) or 1- $\frac{13}{32}$ " (35.56mm) string spread

String spacing at bridge-2  $\frac{1}{16}$  in or 50.39mm

Fretboard width at 22 fret-1.975 ; at 16.7 in 1.977

Fretboard wood- mahogany, maple, red cedar, walnut, sitka spruce

Fretboard radius- <http://www.humbuckermusic.com/fretboard-radius-explained-article.html>

Bridge height- set for angled neck

Neck to body joint- bolted or dove tailneck

Bolted- 3in need for joint

neck wood- mahogany, maple

Body thickness-2 to 3 inches

Width-13 in? length- between 16 and 19 in?

Body:Top to bottom 17  $\frac{1}{4}$

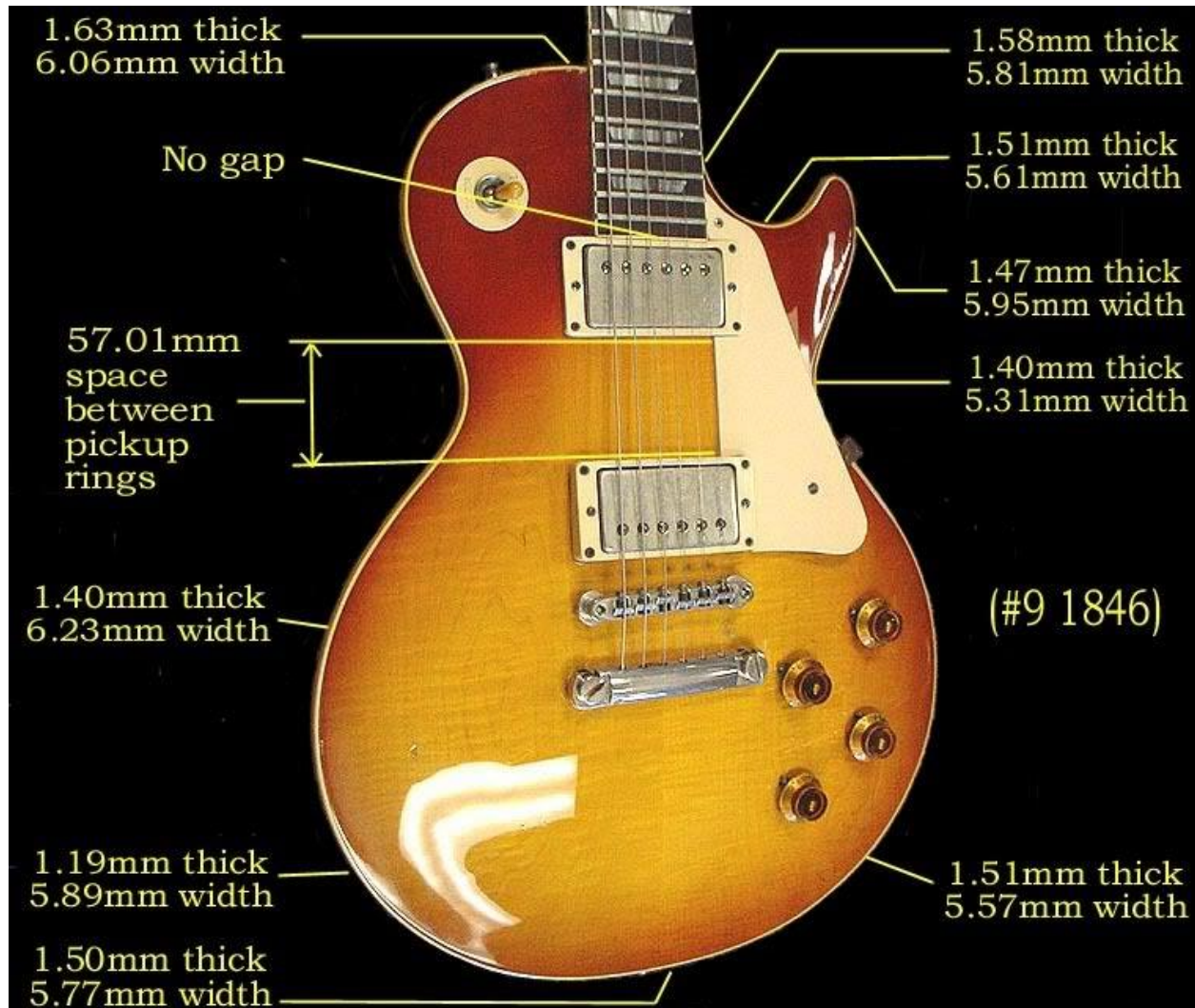
Widest point on bottom 330 mm or 13 in

Narrowest point 190 mm Or 7 ½ in

Widest point on top 9 ¼ in

Body plans <http://www.cadguitarplans.com/blueprints/tag/electric-guitar>

[http://ultimate-guitar-online.ultimate-online-services.com/zencart/images/lespaulstandard\\_2.jpg](http://ultimate-guitar-online.ultimate-online-services.com/zencart/images/lespaulstandard_2.jpg)

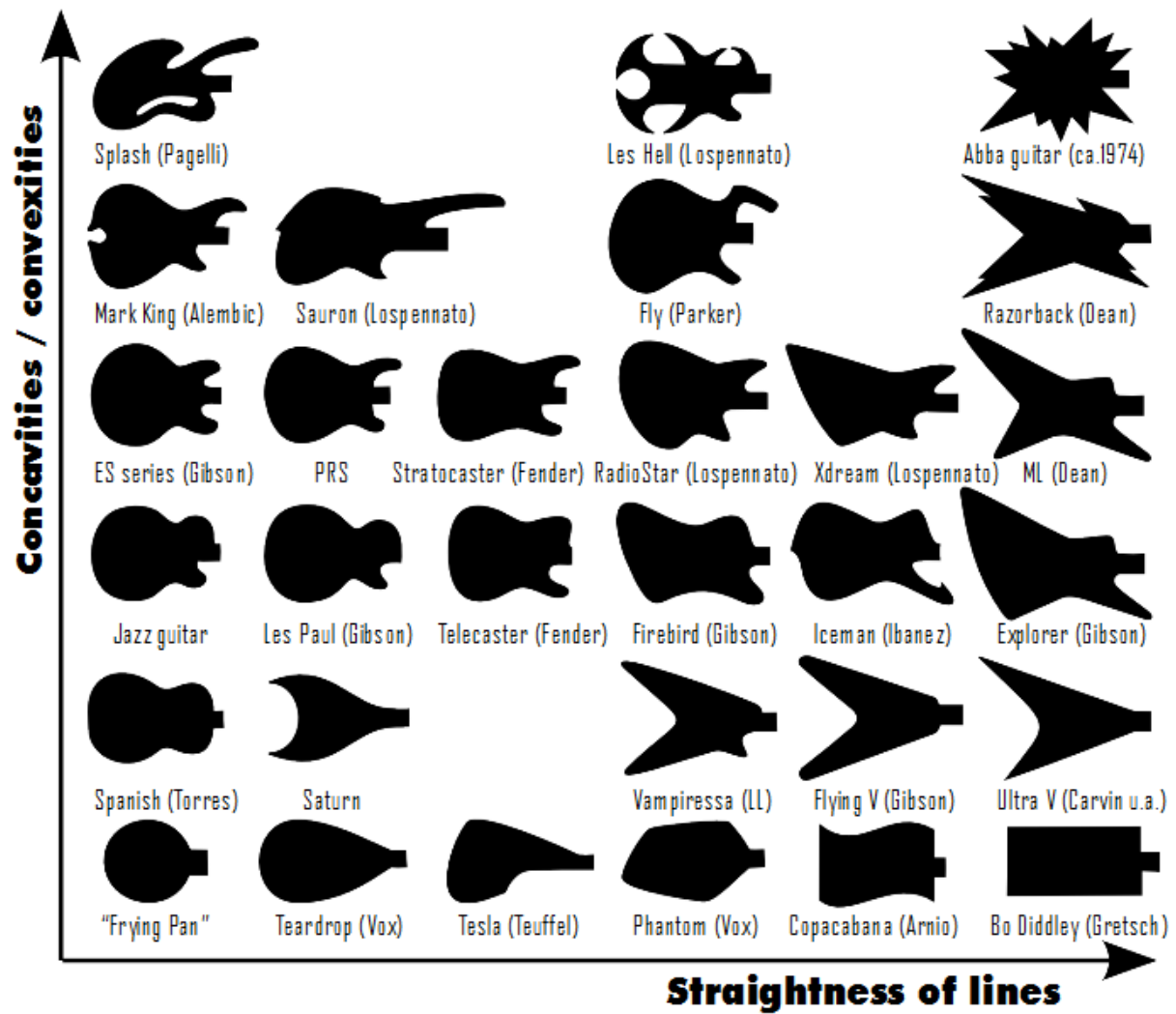


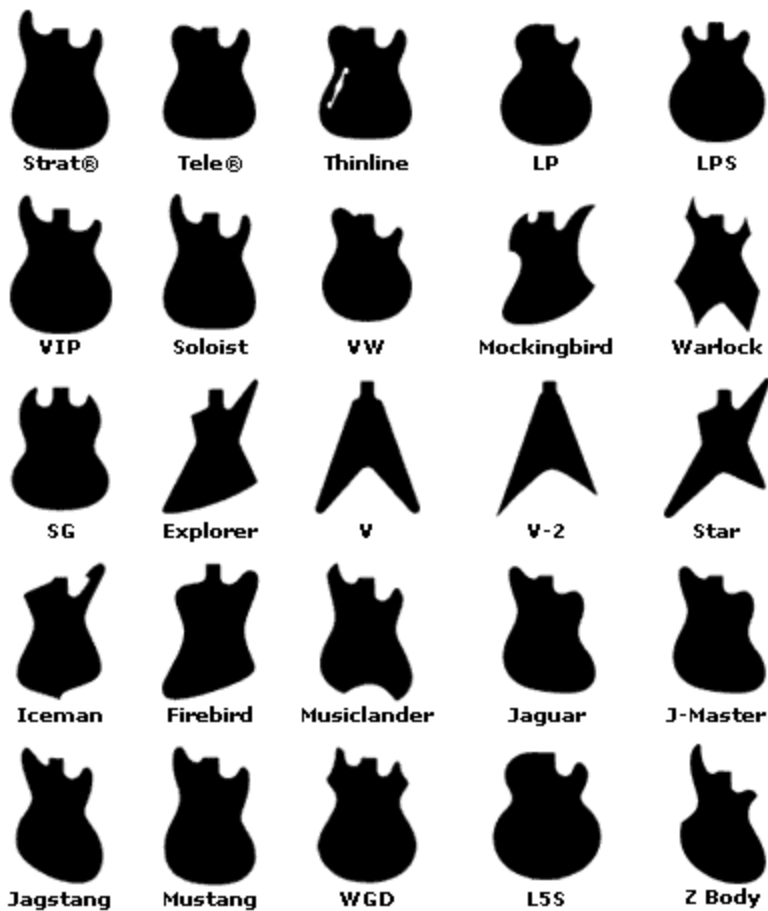
<https://docs.google.com/spreadsheet/ccc?key=0Aou5l4EILWuFcGhobmdiM1J6dkU4eEJIYWhxODIRS2c&hl=en#gid=0>

Body blanks <http://www.warmoth.com/Guitar/Bodies/BodyBlank.aspx>

19x14x4 in 7.38 bdf t --> 10 bdf t

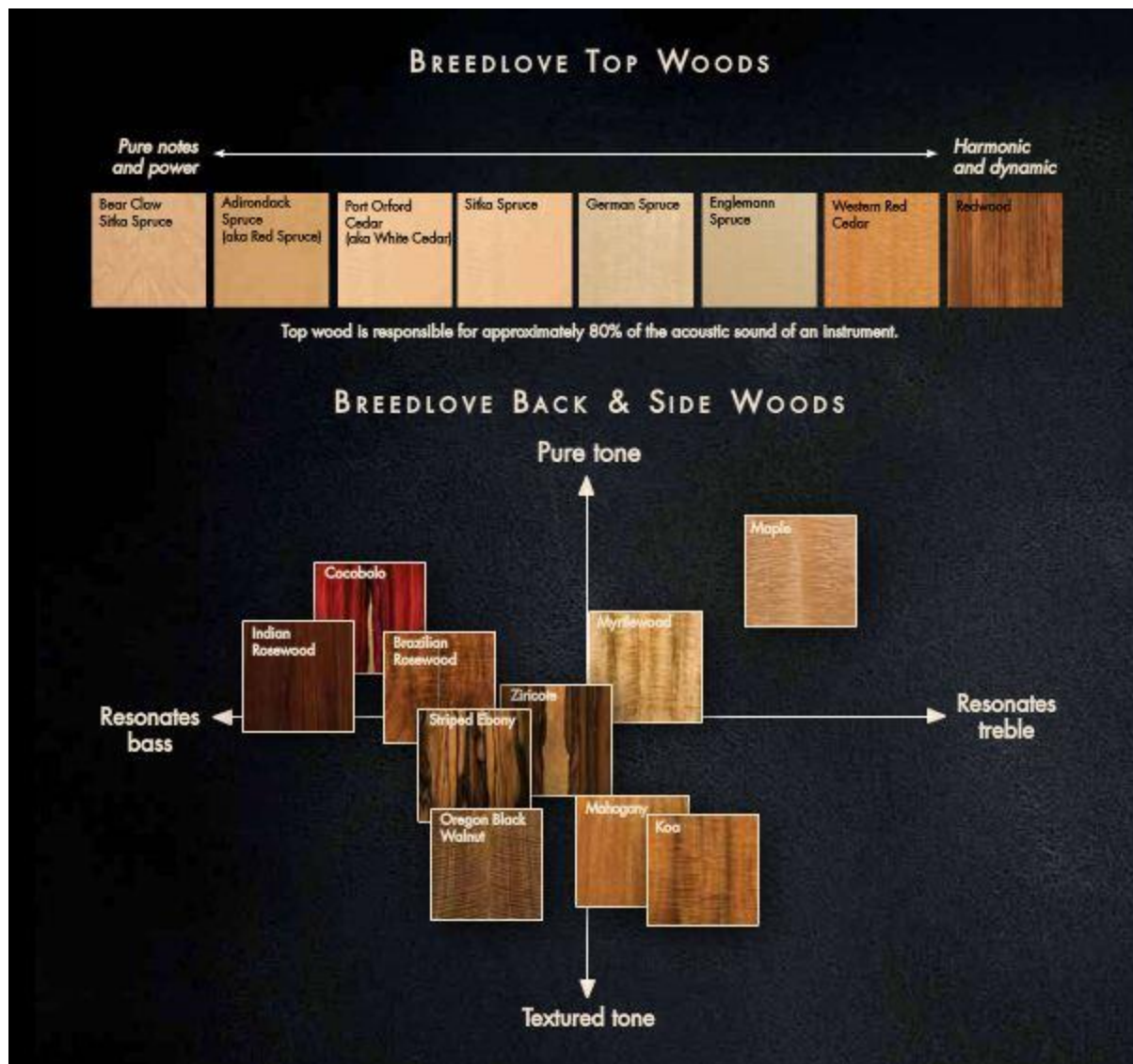
Body shape- cut away, likely les paul style





Color- grain or paint

Wood-maple, mahogany, curly maple, ash



Head angle- 14 degrees

Head length- about 7 in; about 3 inches wide

Head shape-









Controls and pick ups-

Space- 6.6 in