

BOWYER = Jia Zhiwei

MODEL = **Fiberglas-Bambus-Bogen nach Vorbild mandschurischer Jagd- und Kriegsbögen**

BOW LENGTH = 54 / 62 INCHES Enter values in yellow cells Wert 1 Bogenlänge aufgespannt Wert 2 Bogenlänge abgespannt  
 STRING LENGTH = 61 INCHES (actual) Blue cells are calculated by Excel  
 STRING TYPE = B 50 ENDLESS Dacron  
 STRING STRANDS = 24  
 BRACE HEIGHT = 7 - 7,25 INCHES  
 DRAW LENGTH = 32 INCHES max. 36  
 ARROW WEIGHT = GRAINS  
 ARROW SPEED AVE = FPS

| DR LNGTHDR<br>(INCHES) | FORCE<br>(LBS) | CHANGE<br>PER INCH |
|------------------------|----------------|--------------------|
| 0,00                   |                | 0,00               |
| 1,00                   |                | 0,00               |
| 2,00                   |                | 0,00               |
| 3,00                   |                | 0,00               |
| 4,00                   |                | 0,00               |
| 5,00                   |                | 0,00               |
| 6,00                   |                | 0,00               |
| 7,00                   |                | 0,00               |
| 8,00                   | 2,93           | 2,93               |
| 9,00                   | 7,10           | 4,17               |
| 10,00                  | 10,70          | 3,60               |
| 11,00                  | 14,40          | 3,70               |
| 12,00                  | 17,80          | 3,40               |
| 13,00                  | 21,10          | 3,30               |
| 14,00                  | 24,50          | 3,40               |
| 15,00                  | 26,30          | 1,80               |
| 16,00                  | 28,50          | 2,20               |
| 17,00                  | 31,50          | 3,00               |
| 18,00                  | 32,60          | 1,10               |
| 19,00                  | 33,10          | 0,50               |
| 20,00                  | 34,50          | 1,40               |
| 21,00                  | 35,10          | 0,60               |
| 22,00                  | 35,70          | 0,60               |
| 23,00                  | 36,40          | 0,70               |
| 24,00                  | 37,50          | 1,10               |
| 25,00                  | 38,90          | 1,40               |
| 26,00                  | 40,20          | 1,30               |
| 27,00                  | 41,80          | 1,60               |
| 28,00                  | 42,70          | 0,90               |
| 29,00                  | 43,50          | 0,80               |
| 30,00                  | 45,30          | 1,80               |
| 31,00                  | 47,20          | 1,90               |
| 32,00                  | 49,80          | 2,60               |
| 33,00                  | 52,30          |                    |

PEAK DRAW FORCE (P.D.F.) = 52,30 LB  
 STORED ENERGY (S.E.) = 69,29 FT.LB  
 S.E./P.D.F. = 1,325 FT.LB./LB.  
 ARROW K.E. = 0,00 FT.LB  
 DYNAMIC EFFICIENCY = 0,00 %

**FORCE DRAW CURVE**

