



JO Gunn Antennas, L.L.C.

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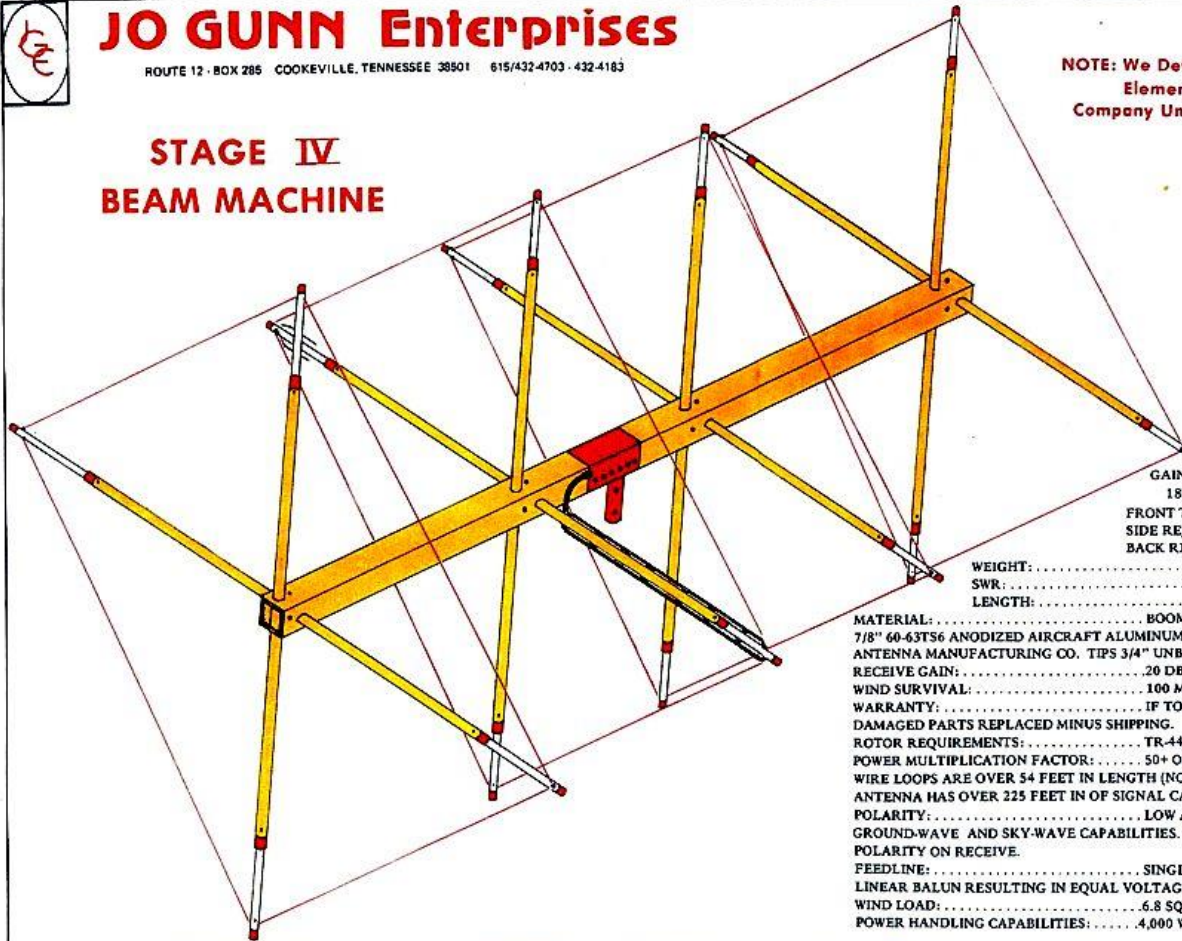
“The Best in PERFORMANCE and QUALITY”



JO GUNN Enterprises

ROUTE 12 - BOX 285 COOKEVILLE, TENNESSEE 38501 615/432-4703 - 432-4183

STAGE IV BEAM MACHINE



**NOTE: We Defy This Beam To Be Outperformed,
Element Per Element, By Any Other
Company Under Regulated Test Conditions!**

**Designed For
The Serious CB
Operator.**

SPECIFICATIONS

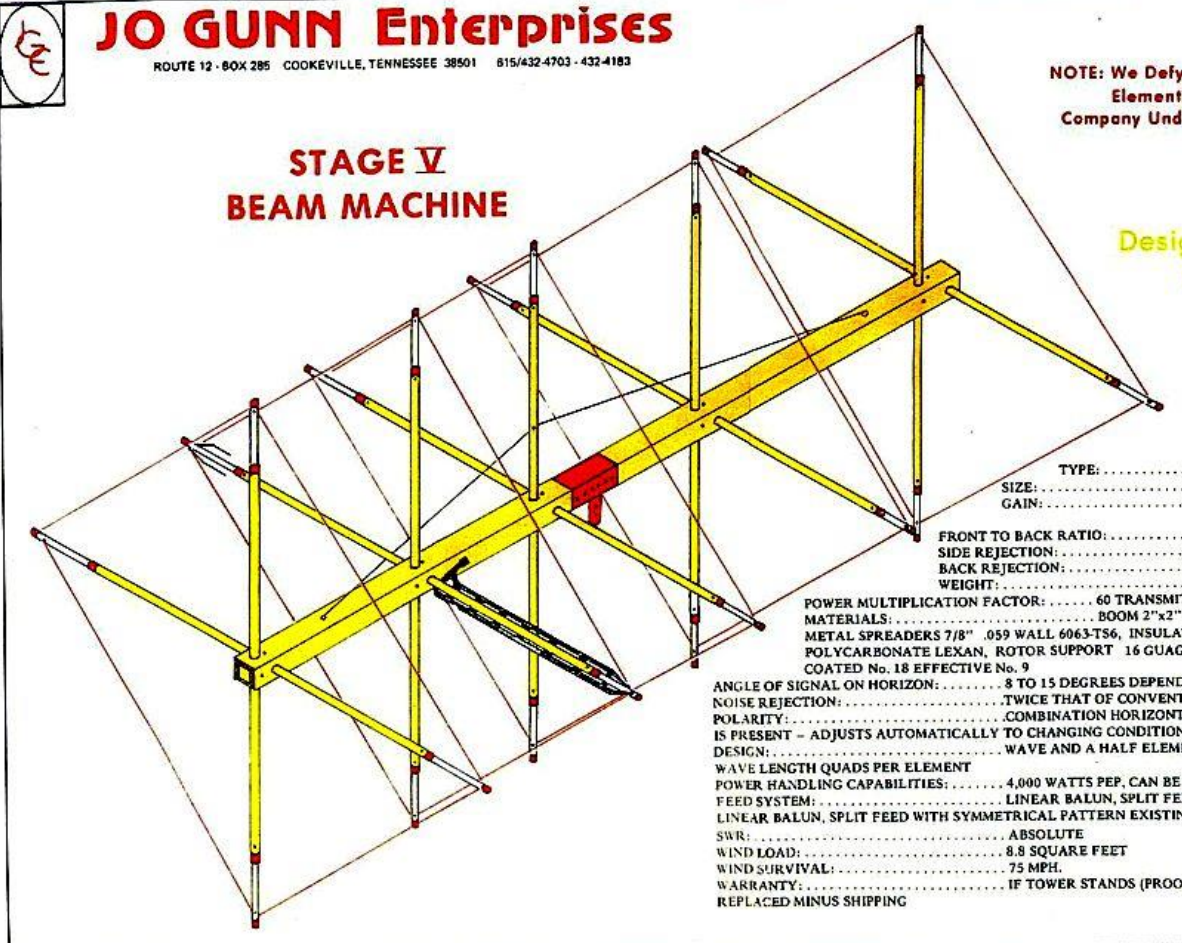
WAVE AND A HALF WIRE ELEMENTS
 GAIN: 16+ DB'S OVER DIPOLE
 18 1/2 DB'S OVER ISOTROPIC
 FRONT TO BACK RATIO: 55 DB'S B'S
 SIDE REJECTION: 60+
 BACK REJECTION: 55+
 WEIGHT: 38 POUNDS
 SWR: ABSOLUTE OVER 200 CHANNELS
 LENGTH: 15 FEET
 MATERIAL: BOOM 2"x2" 1/8" WALL SQUARE TUBE - ELEMENTS
 7/8" 60-63T56 ANODIZED AIRCRAFT ALUMINUM. TUBING IS 2 GRADES ABOVE ANY OTHER
 ANTENNA MANUFACTURING CO. TIPS 3/4" UNBREAKABLE LEXAN PLASTIC TUBING.
 RECEIVE GAIN: 20 DB'S+ (LOW NOISE)
 WIND SURVIVAL: 100 MPH+
 WARRANTY: IF TOWER STANDS (PROOF BY PHOTOGRAPH)
 DAMAGED PARTS REPLACED MINUS SHIPPING.
 ROTOR REQUIREMENTS: TR-44 OR EQUIVALENT
 POWER MULTIPLICATION FACTOR: 50+ ON TRANSMIT 55+ ON RECEIVE
 WIRE LOOPS ARE OVER 54 FEET IN LENGTH (NORMAL QUAD HAS 36 FOOT LOOPS)
 ANTENNA HAS OVER 225 FEET IN OF SIGNAL CAPTURE. WIRE IS FULLY INSULATED.
 POLARITY: LOW ANGLE VERTICAL GIVES EXCELLENT
 GROUND-WAVE AND SKY-WAVE CAPABILITIES. TENDS TO AUTOMATICALLY ADJUST
 POLARITY ON RECEIVE.
 FEEDLINE: SINGLE FEEDLINE - ARRAY IS FED WITH A
 LINEAR BALUN RESULTING IN EQUAL VOLTAGE DISTRIBUTION.
 WIND LOAD: 6.8 SQUARE FEET
 POWER HANDLING CAPABILITIES: 4,000 WATTS PEP, CAN BE CONVERTED TO 7,500 PEP



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ROUTE 12 - BOX 285 COOKEVILLE, TENNESSEE 38501 615/432-4703 - 432-4183

STAGE V BEAM MACHINE



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SPECIFICATIONS

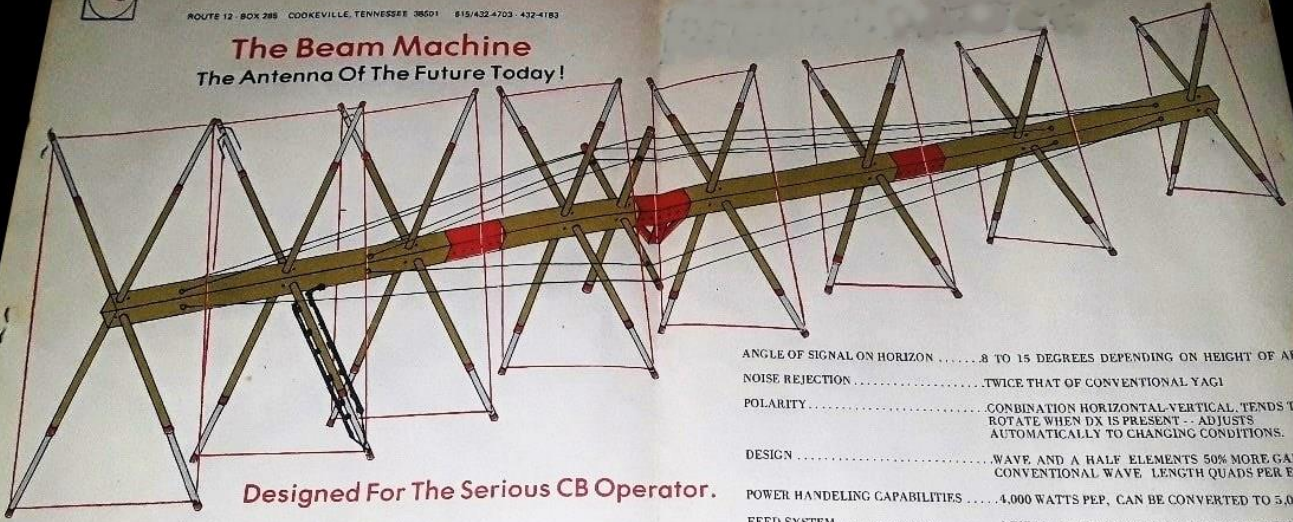
TYPE: EXPANDED QUAD (WAVE AND A HALF)
 SIZE: 20 FOOT BOOM 5 ELEMENTS
 GAIN: 18.5 DB'S PLUS OVER DIPOLE,
 20.5 OVER ISOTROPIC
 FRONT TO BACK RATIO: 65 PLUS
 SIDE REJECTION: 65 TRUE 75 ON CORNERS
 BACK REJECTION: 65 DB'S TRUE
 WEIGHT: 44 POUNDS
 POWER MULTIPLICATION FACTOR: 60 TRANSMIT, 65 ON RECEIVE
 MATERIALS: BOOM 2"x2" 1/8" WALL 6063-T56 LIFETIME FINISH,
 METAL SPREADERS 7/8" .059 WALL 6063-T56, INSULATED SPREADERS OF UNBREAKABLE
 POLYCARBONATE LEXAN, ROTOR SUPPORT 16 GAUGE STEEL, WIRE DOUBLE STRANDED
 COATED No. 18 EFFECTIVE No. 9
 ANGLE OF SIGNAL ON HORIZON: 8 TO 15 DEGREES DEPENDING ON HEIGHT OF ARRAY
 NOISE REJECTION: TWICE THAT OF CONVENTIONAL YAGI
 POLARITY: COMBINATION HORIZONTAL-VERTICAL TENDS TO ROTATE WHEN DX
 IS PRESENT - ADJUSTS AUTOMATICALLY TO CHANGING CONDITIONS
 DESIGN: WAVE AND A HALF ELEMENTS 50% MORE GAIN THAN CONVENTIONAL
 WAVE LENGTH QUADS PER ELEMENT
 POWER HANDLING CAPABILITIES: 4,000 WATTS PEP, CAN BE CONVERTED TO 7,500 PEP
 FEED SYSTEM: LINEAR BALUN, SPLIT FEED WITH SYMMETRICAL PART
 LINEAR BALUN, SPLIT FEED WITH SYMMETRICAL PATTERN EXISTING THROUGHOUT ARRAY
 SWR: ABSOLUTE
 WIND LOAD: 8.8 SQUARE FEET
 WIND SURVIVAL: 75 MPH.
 WARRANTY: IF TOWER STANDS (PROOF BY PHOTOGRAPH) DAMAGED PARTS
 REPLACED MINUS SHIPPING



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ROUTE 12 BOX 288 COOKEVILLE, TENNESSEE 38501 615/432-4703 432-4183

The Beam Machine The Antenna Of The Future Today!



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TYPE EXPANDED QUAD (WAVE AND A HALF)
 SIZE 36 FOOT BOOM 8 ELEMENTS
 GAIN 25 DB PLUS OVER DIPOLE
 FRONT TO BACK RATIO 75 PLUS
 SIDE REJECTION 75DB TRUE 90 ON CORNERS
 BACK REJECTION 80 DB TRUE
 WEIGHT 120 LBS

ANGLE OF SIGNAL ON HORIZON 8 TO 15 DEGREES DEPENDING ON HEIGHT OF ARRAY
 NOISE REJECTION TWICE THAT OF CONVENTIONAL YAGI
 POLARITY COMBINATION HORIZONTAL-VERTICAL. TENDS TO ROTATE WHEN DX IS PRESENT - ADJUSTS AUTOMATICALLY TO CHANGING CONDITIONS.
 DESIGN WAVE AND A HALF ELEMENTS 50% MORE GAIN THAN CONVENTIONAL WAVE LENGTH QUADS PER ELEMENT.
 POWER HANDLING CAPABILITIES 4,000 WATTS PEP. CAN BE CONVERTED TO 5,000 RMS.
 FEED SYSTEM LINEAR BALUN, SPLIT FEED WITH SYMMETRICAL PATTERN EXISTING THROUGHOUT ARRAY
 SWR ABSOLUTE
 WIND LOAD 14 SQUARE FOOT
 WIND SURVIVAL 75/MPH
 WARRANTY IF TOWER STANDS (PROOF BY PHOTOGRAPH)
 DAMAGED PARTS REPLACED MINUS SHIPPING.
 NOTE: WE DEFY THIS BEAM TO BE OUTPERFORMED BY ANY COMPANY UNDER REGULATED TEST CONDITIONS.

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“Don't Settle
For Less,
Run the Best”



JO GUNN ANTENNAS