



Moots Cycles

P.O. Box 2460 1136 Yampa
Steamboat Springs, CO 80477
(303) 879-1675



moots
CYCLES



BICYCLE FRAMES AND FITMENTS

Moots
CYCLES

FRAMESET

FRAME CONSTRUCTION

The Mountaineer Frameset is strong and torsionally stiff yet resilient and shock absorbing. Made to MOOTS' specifications, the Tange Prestige/Champion chrome-moly double and triple butted tubing has extra long butts (as on the down tube) and tubing walls are thicker where needed. Pedaling power is effectively transmitted from bottom bracket (investment cast) through the chain stays (oversize) to the rear wheel. The main triangle tubing is standard diameter as opposed to oversized, over-stiff tubing found on most mountain bikes. Forks and seat stays are raked for shock absorption keeping the tires on the turf. Our rugged construction requires lower brazing temperatures and dispenses stress over larger surface areas.

SIZING: The Mountaineer is custom fit to your measurements, with a range from 16-1/2" through 24-1/2" with 26" wheels and 15-3/4" with 24" wheels. See page 4 & 5 for complete specifications. Please fill out the back page for frameset sizing.

New Moots Multi-position Dropouts (option)

Wheel Position

Front	Rear	Use	Effect on Geometry
X	X	Standard	70° head, 71.5° seat
X	Z	Trail	71° head, 1" higher BB, 1-1/2" shorter chain stay
Y	X	Road	71° head, 2cm less rake, lower BB, 1" shorter wheel base
Y	Z	Road Max	72° head, 73.5° seat, 2-1/2" shorter wheel base.
Go One Step Further Road Max:			head 73.5°, 40° wheel base, 10-3/4" BB height
Y	Z		insert 26" tubular time trial wheel in forks
			insert 700C tubular in rear



Moots Tandems



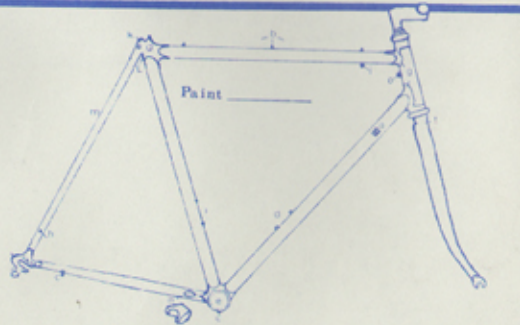
MOOTS Tandem framesets come in 3 different configurations:

Mountaineer Tandem Frame: High clearance for pedals and, of course, the fattest 26 x 2.125 tires you can find. A geometry to smooth out the bumps.

Multi-Use Tandem Frame: Designed to use both 700c or 26 x 1.75 wheel sizes allowing travel over both paved and gravel roads. High performance in both modes.

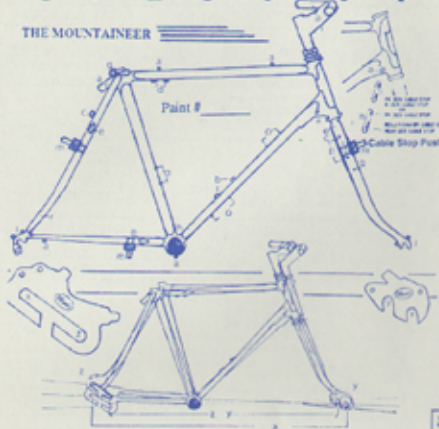
Road Racing Tandem Frame: A full blown road tandem with 700c wheels. Speeds of 70 mph have been proven comfortable on this bumper.

Moots Road Racers



SPECIFICATIONS

THE MOUNTAINEER



BRAZE-ONS AND FITTINGS

STANDARD

- a. cable runs
- b. bottle brace-ons
- c. rack brace-ons
- d. portage pad brace-ons
- e. fender brace-ons
- f. brake and pump hanger
- g. QR seat binder
- h. investment cast bb shell, b.s.c. thread
- i. new Moots Unicrown fork
- j. Shimano vertical dbl. eyelet dropouts
- k. Moots Mountaineer cast/lever fork stay
- XC fork stay chain stay

\$875.00

OPTIONS (carry price to the far right >>>)

	TOTAL
a. cable stop for Roller Cam on chain stay	5.00
b. extra water bottle brace-ons per pair	15.00
c. pair of bottles on fork blades	30.00
d. low rider brace-ons	15.00
e. chain hanger	10.00
f. other	
y. Moots multi-position dropouts front pair	50.00
z. Moots multi-position dropouts rear pair	70.00

STANDARD

- a. 4 bottle brace-ons
- b. chain idler
- c. front BB tandem eccentric
- d. Moots Mountaineer cast/lever fork stay
- XC fork stay chain stay
- e. cable runs for brakes - cast/lever or XC see d.
- Rear hub brake: Phil Wood disc, Aris Drum
- f. cable runs for derailleurs - down tube shifters and shifters - thumb shifters
- Shimano vertical w/ dbl. eyelets

\$1795.00

OPTIONS (carry price to the far right >>>)

	TOTAL
a. rear rack brace-ons	15.00
b. fender brace-ons	15.00
c. pump hanger	10.00
d. extra water bottle brace-ons per pair	15.00
e. engraved Moots brass head plate	40.00
f. slash trunk (dowser style) brass w/handle	60.00
g. hidden internal cam run for front brake	40.00
h. internal computer wiring (2 read-outs)	
price not including computers	120.00
i. plating fork ends	50.00
j. plating chain stays & dropouts	75.00

MOOTS TANDEM

Using internal-external fillet brazing, this tandem incorporates a tubing selection ideal for torsional stiffness and long distance comfort. A unique rear end arrangement shortens the chain stays nearly 3 inches to achieve this stiffness and a more responsive handling. The rear seat tube is positioned ahead of the rear bottom bracket for wheel clearance and is built with a much shallower angle than the front seat tube. This laid back rear seat tube complements the raked seat stays to give a "suspended" ride. The shallower rear seat angle also creates more torso length as the seat is raised. Yet the rear bottom bracket is still positioned 73° under the rider that the rear of the bike was designed for. The top tube and direct lateral are oval, again for added torsional strength and rigidity. Finish of all metal work is impeccable. For sizing the frame to your anatomy, please fill out the form on the back of this brochure.

MOOTS ROAD RACING CYCLES

With each Moots Road Frame, careful attention is given to fitting you perfectly to your new custom mount. We stock Columbus SL, SLX, SP, SFX tubing, and Tange Prestige in the "standard import" light gauge and we import a heavier gauge Prestige tubing to meet Moots' specifications for heavier and stronger riders. Reynolds 531 and Reynolds 753 (renowned) is also in stock. Moots will mix tubing to provide a better performing cycle for bicycle racers. Each Moots is meticulously mistered to exact tolerances, silver braided and built to perfect alignment. For sizing the bicycle to your anatomy, please fill out the form on the back page.

STANDARD

- a. D.T. shifter brace-ons
- b. D.T. top tube cable guides
- c. all cable runs (under BB shell)
- d. D.T. water bottle brace-ons
- e. investment cast bottom bracket shell
- f. Henry James fork crown
- g. investment cast legs

\$650.00

OPTIONS (carry price to the far right >>>)

	TOTAL
a. Chain hanger	10.00
b. Seat tube bottle brace-ons	15.00
c. Race number tab	15.00
d. Moots fast back seat cluster	80.00
e. Standard fast back seat cluster	40.00
f. Moots seat stay bridge	35.00
g. Moots indec chain stay bridge	35.00
h. Top tube pump mount	10.00
i. Reynolds 753 tube set	100.00
j. Tange Prestige (in Moots' heavy gauge)	50.00

FINISH

One color from Dupont Imron color chart - standard
2nd color (no masking)
masking for panels - per panel
fade (\$50.00 for tandem)
camouflage (\$75.00 for tandem)
Special requests - call or write for a quote.
Please fill in your color number(s) inside frame diagram.

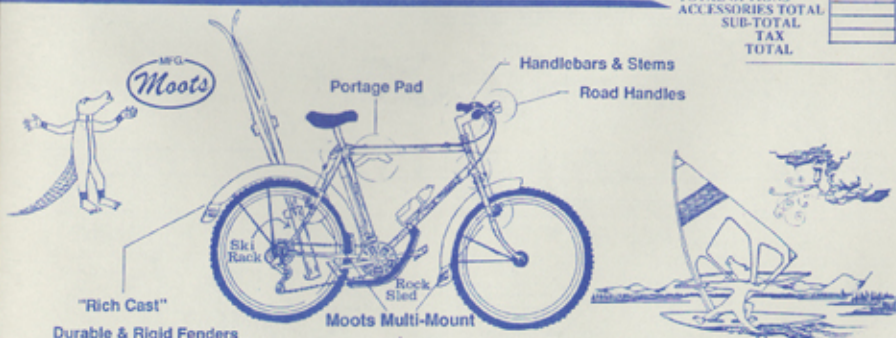
BICYCLE PACKAGES

Frame Set	MOUNTAINEER	MOUNTAIN TANDEM	ROAD TANDEM	ROAD SINGLE
Frame Set Options	Frame set options see page 2	Frame set options see page 2	Frame set options see page 2	Frame set options see page 2
Handlebar stem	Mountaineer Componentry Moon Mountaineer Size Angle	Mountaineer Componentry Moon Mountaineer Size Angle	Mountaineer Componentry Moon Mountaineer Size Angle	Mountaineer Componentry Moon Mountaineer Size Angle
Handlebars	Shimano 600EX	Shimano 600EX	Shimano 600EX	Shimano 600EX
Hubs	Shimano XT QR Fl. Solid R.	Shimano XT QR Fl. Solid R.	Shimano XT QR Fl. Solid R.	Shimano XT QR Fl. Solid R.
Rims	Sun M20 hard Anodized Araya RM25 140 Stainless D.T. or W.S. Kichy Force 1.9 Snake Belly Steel Ground Control Schrad 26 x 1.75	Sun M20 hard Anodized Araya RM25 140 Stainless D.T. or W.S. Kichy Force 1.9 Snake Belly Steel Ground Control Schrad 26 x 1.75	Sun M20 hard Anodized Araya RM25 140 Stainless D.T. or W.S. Kichy Force 1.9 Snake Belly Steel Ground Control Schrad 26 x 1.75	Sun M20 hard Anodized Araya RM25 140 Stainless D.T. or W.S. Kichy Force 1.9 Snake Belly Steel Ground Control Schrad 26 x 1.75
Spokes	Shimano 600 EX	Shimano 600 EX	Shimano 600 EX	Shimano 600 EX
Tires	Shimano 600 EX	Shimano 600 EX	Shimano 600 EX	Shimano 600 EX
Freehub	Shimano 600 EX	Shimano 600 EX	Shimano 600 EX	Shimano 600 EX
Chain	Shimano 600 EX	Shimano 600 EX	Shimano 600 EX	Shimano 600 EX
Bottom Bracket	Shimano 600 EX	Shimano 600 EX	Shimano 600 EX	Shimano 600 EX
Crank Arms	Shimano 600 EX	Shimano 600 EX	Shimano 600 EX	Shimano 600 EX
Chain Rings	Shimano 600 EX	Shimano 600 EX	Shimano 600 EX	Shimano 600 EX
Pedals	Shimano 600 EX	Shimano 600 EX	Shimano 600 EX	Shimano 600 EX
Toe Clips	Shimano 600 EX	Shimano 600 EX	Shimano 600 EX	Shimano 600 EX
Toe Straps	Shimano 600 EX	Shimano 600 EX	Shimano 600 EX	Shimano 600 EX
Rear Derailleur	Shimano 600 EX	Shimano 600 EX	Shimano 600 EX	Shimano 600 EX
Front Derailleur	Shimano 600 EX	Shimano 600 EX	Shimano 600 EX	Shimano 600 EX
Shifters	Shimano 600 EX	Shimano 600 EX	Shimano 600 EX	Shimano 600 EX
Front Brake	Shimano 600 EX	Shimano 600 EX	Shimano 600 EX	Shimano 600 EX
Rear Brake	Shimano 600 EX	Shimano 600 EX	Shimano 600 EX	Shimano 600 EX
Brake Levers	Shimano 600 EX	Shimano 600 EX	Shimano 600 EX	Shimano 600 EX
Cables/Casing	Shimano 600 EX	Shimano 600 EX	Shimano 600 EX	Shimano 600 EX
Lane Grips	Shimano 600 EX	Shimano 600 EX	Shimano 600 EX	Shimano 600 EX
Seat	Shimano 600 EX	Shimano 600 EX	Shimano 600 EX	Shimano 600 EX
Seat Post	Shimano 600 EX	Shimano 600 EX	Shimano 600 EX	Shimano 600 EX
Paint	Shimano 600 EX	Shimano 600 EX	Shimano 600 EX	Shimano 600 EX
Wheel Building	Shimano 600 EX	Shimano 600 EX	Shimano 600 EX	Shimano 600 EX
Set Up Fee	Shimano 600 EX	Shimano 600 EX	Shimano 600 EX	Shimano 600 EX
Bicycle Price	Shimano 600 EX	Shimano 600 EX	Shimano 600 EX	Shimano 600 EX

Paint	Any one color on Dupont Imron Chart	See Frame Set Section for Custom	Paint Options	See Frame Set Section for Custom
Wheel Building	by Bent Spoken, included	\$30.00/pr	Paint Options	See Frame Set Section for Custom
Set Up Fee	by Scott Saddle Cycle, included	\$10.00	Paint Options	See Frame Set Section for Custom
Bicycle Price	Mountaineer \$1,395.00	Mountain Tandem \$2850.	Paint Options	See Frame Set Section for Custom
		Road Tandem \$3350.	Paint Options	See Frame Set Section for Custom
		Road EX \$1075.	Paint Options	See Frame Set Section for Custom
		Road D.A.S. 1450.	Paint Options	See Frame Set Section for Custom
		Road S.R. \$1499.	Paint Options	See Frame Set Section for Custom
		Road C.S. \$1899.	Paint Options	See Frame Set Section for Custom

ACCESSORIES

Fenders	Moon "Rich Cast" Kydex \$40.00 Black White Grey	Moon "Rich Cast" Kydex \$40.00 Black White Grey	Moon "Rich Cast" Kydex \$40.00 Black White Grey	Moon "Rich Cast" Kydex \$40.00 Black White Grey
Portage Pad	Moon "Rich Cast" Kydex \$40.00 Black White Grey	Moon "Rich Cast" Kydex \$40.00 Black White Grey	Moon "Rich Cast" Kydex \$40.00 Black White Grey	Moon "Rich Cast" Kydex \$40.00 Black White Grey
Road Handbars	Moon "Rich Cast" Kydex \$40.00 Black White Grey	Moon "Rich Cast" Kydex \$40.00 Black White Grey	Moon "Rich Cast" Kydex \$40.00 Black White Grey	Moon "Rich Cast" Kydex \$40.00 Black White Grey
Mountain Stem	Moon "Rich Cast" Kydex \$40.00 Black White Grey	Moon "Rich Cast" Kydex \$40.00 Black White Grey	Moon "Rich Cast" Kydex \$40.00 Black White Grey	Moon "Rich Cast" Kydex \$40.00 Black White Grey
Road Stem	Moon "Rich Cast" Kydex \$40.00 Black White Grey	Moon "Rich Cast" Kydex \$40.00 Black White Grey	Moon "Rich Cast" Kydex \$40.00 Black White Grey	Moon "Rich Cast" Kydex \$40.00 Black White Grey
Moon Rock Sled	Moon "Rich Cast" Kydex \$40.00 Black White Grey	Moon "Rich Cast" Kydex \$40.00 Black White Grey	Moon "Rich Cast" Kydex \$40.00 Black White Grey	Moon "Rich Cast" Kydex \$40.00 Black White Grey
The Bash Guard	Moon "Rich Cast" Kydex \$40.00 Black White Grey	Moon "Rich Cast" Kydex \$40.00 Black White Grey	Moon "Rich Cast" Kydex \$40.00 Black White Grey	Moon "Rich Cast" Kydex \$40.00 Black White Grey
Moon Ski Rack	Moon "Rich Cast" Kydex \$40.00 Black White Grey	Moon "Rich Cast" Kydex \$40.00 Black White Grey	Moon "Rich Cast" Kydex \$40.00 Black White Grey	Moon "Rich Cast" Kydex \$40.00 Black White Grey
Moon Mounts	Moon "Rich Cast" Kydex \$40.00 Black White Grey	Moon "Rich Cast" Kydex \$40.00 Black White Grey	Moon "Rich Cast" Kydex \$40.00 Black White Grey	Moon "Rich Cast" Kydex \$40.00 Black White Grey
Brake Callipers (1 brk)	Moon "Rich Cast" Kydex \$40.00 Black White Grey	Moon "Rich Cast" Kydex \$40.00 Black White Grey	Moon "Rich Cast" Kydex \$40.00 Black White Grey	Moon "Rich Cast" Kydex \$40.00 Black White Grey
Brake Levers	Moon "Rich Cast" Kydex \$40.00 Black White Grey	Moon "Rich Cast" Kydex \$40.00 Black White Grey	Moon "Rich Cast" Kydex \$40.00 Black White Grey	Moon "Rich Cast" Kydex \$40.00 Black White Grey
Brake Pads	Moon "Rich Cast" Kydex \$40.00 Black White Grey	Moon "Rich Cast" Kydex \$40.00 Black White Grey	Moon "Rich Cast" Kydex \$40.00 Black White Grey	Moon "Rich Cast" Kydex \$40.00 Black White Grey
Hite Rite	Moon "Rich Cast" Kydex \$40.00 Black White Grey	Moon "Rich Cast" Kydex \$40.00 Black White Grey	Moon "Rich Cast" Kydex \$40.00 Black White Grey	Moon "Rich Cast" Kydex \$40.00 Black White Grey
Blackburn Racks	Moon "Rich Cast" Kydex \$40.00 Black White Grey	Moon "Rich Cast" Kydex \$40.00 Black White Grey	Moon "Rich Cast" Kydex \$40.00 Black White Grey	Moon "Rich Cast" Kydex \$40.00 Black White Grey
Packs - small	Moon "Rich Cast" Kydex \$40.00 Black White Grey	Moon "Rich Cast" Kydex \$40.00 Black White Grey	Moon "Rich Cast" Kydex \$40.00 Black White Grey	Moon "Rich Cast" Kydex \$40.00 Black White Grey
Water Bottle Cages	Moon "Rich Cast" Kydex \$40.00 Black White Grey	Moon "Rich Cast" Kydex \$40.00 Black White Grey	Moon "Rich Cast" Kydex \$40.00 Black White Grey	Moon "Rich Cast" Kydex \$40.00 Black White Grey
Water Bottles	Moon "Rich Cast" Kydex \$40.00 Black White Grey	Moon "Rich Cast" Kydex \$40.00 Black White Grey	Moon "Rich Cast" Kydex \$40.00 Black White Grey	Moon "Rich Cast" Kydex \$40.00 Black White Grey
Pumps	Moon "Rich Cast" Kydex \$40.00 Black White Grey	Moon "Rich Cast" Kydex \$40.00 Black White Grey	Moon "Rich Cast" Kydex \$40.00 Black White Grey	Moon "Rich Cast" Kydex \$40.00 Black White Grey
Moon Tee Shirt	Moon "Rich Cast" Kydex \$40.00 Black White Grey	Moon "Rich Cast" Kydex \$40.00 Black White Grey	Moon "Rich Cast" Kydex \$40.00 Black White Grey	Moon "Rich Cast" Kydex \$40.00 Black White Grey
Moon Racing Jersey	Moon "Rich Cast" Kydex \$40.00 Black White Grey	Moon "Rich Cast" Kydex \$40.00 Black White Grey	Moon "Rich Cast" Kydex \$40.00 Black White Grey	Moon "Rich Cast" Kydex \$40.00 Black White Grey
Moon Caps	Moon "Rich Cast" Kydex \$40.00 Black White Grey	Moon "Rich Cast" Kydex \$40.00 Black White Grey	Moon "Rich Cast" Kydex \$40.00 Black White Grey	Moon "Rich Cast" Kydex \$40.00 Black White Grey



MOOTS CYCLES P.O. BOX 772480 STEAMBOAT SPRINGS, CO 80477
(Shipping) 1136 Yampa ave. (303) 679-1675

ALL PRICES SUBJECT TO CHANGE



Moots components



Handlebar Stems

• CHROME-MOLY STEEL, "ABRO" EXTENSIONS, PILLET BRAZED
• EXTENSIONS AVAILABLE IN 5cm THRU 15cm INCREMENTS

"MOUNTAINER"

"GEEK"

"ANTLER"

"ROAD"

"TANDEM STOKER"



MOOTS EQUIPE / STD MTR

\$10*OPTION

\$25*OPTION

STD. ROAD FRAME

STD. TANDEM

ORDER SEP / \$75-

\$85-

\$100-

\$75-

\$60-

Handlebars

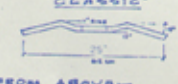
• .015" CHROME-MOLY STEEL WITH INTERNAL SHIM

"FLAT"

"CLASSIC"

"TIME TRIAL"

"ROAD HANDLES"



LOADS AS VIEWED FROM ABOVE

MOOTS EQUIPE / STD MTR

\$5*OPTION

\$30-

\$40-

\$50-/PR.

ORDER SEP / \$25-

\$30-

\$40-

\$50-/PR.

NOTE: STEPS & OARS FINISHED IN IRON PAINT TO MATCH FRAME. INQUIRE ABOUT BLACK CHROME

Road Handles



ORDER SEP

med. 3 3/4"

long 4 1/2"

\$30 pr

Portage Pads

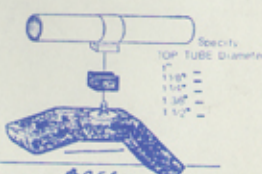
"BRAZE-ON"



MOOTS EQUIPE

\$15-

ORDER SEP



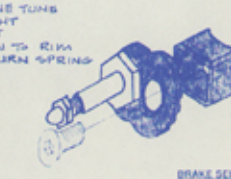
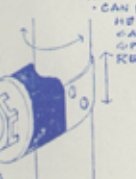
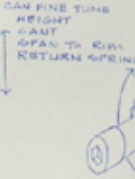
\$25-

6

MOOTS CYCLES P.O. BOX 772480 STEAMBOAT SPRINGS, CO 80477
(303) 879-1675

Moots Mounts

• CLAMP ON BRAKE MOUNTS FOR CANTILEVER AND ROLLER CAM BRAKES
• "MULTI-MOUNT" • "ROLLER CAM MOUNT" NEW "XC SPORT"
FOR ALL CANTILEVER • FOR "MOUNTAIN" XC ROLLER CAM BRAKE



MOOTS MOUNT SIZING CHART

MOOTS MULTI-MOUNTS fit all brands of cantilever brakes. Packaged per pair (bars or stays). Stays to fit various fork blade and seat stay dimensions. Please see chart below.

MOOTS BC and BCII MOUNTS fit SunTour XC and SunTour XC Sport brakes respectively. Stays to fit 1/8" dual fork blade, seat stay and chain stay dimensions. Packaged per pair. See chart below.

NOTE: You can retrofit a bicycle with brakes on cantilever studs to roller cam brakes without need of cantilever stud removal. The chain stay mounted roller cam requires a cable stop. Moots fabricates one which works well. Important: when ordering you must know the size of the fork or stay stud.

DIAPHRAGM 215-1000
SUNTOUR XC
SUNTOUR XC
SUNTOUR XC

Retrofit cable stop kit

(for roller cams on chain stays)



6 mm tipped hole
Ridged Washer
Thumb Screw
Felt Pad

ORDER SEP

Fenders



MADE IN USA

Standard model Kydex



COLORS
black
gray
white

6 point attaching

7 point attaching

8 point attaching

9 point attaching

10 point attaching

11 point attaching

12 point attaching

13 point attaching

14 point attaching

15 point attaching

16 point attaching

17 point attaching

18 point attaching

19 point attaching

20 point attaching

21 point attaching

22 point attaching

23 point attaching

24 point attaching

25 point attaching

26 point attaching

27 point attaching

28 point attaching

29 point attaching

30 point attaching

31 point attaching

32 point attaching

33 point attaching

34 point attaching

35 point attaching

36 point attaching

37 point attaching

38 point attaching

39 point attaching

40 point attaching

41 point attaching

42 point attaching

43 point attaching

44 point attaching

45 point attaching

46 point attaching

47 point attaching

48 point attaching

49 point attaching

50 point attaching

51 point attaching

52 point attaching

53 point attaching

54 point attaching

55 point attaching

56 point attaching

57 point attaching

58 point attaching

59 point attaching

60 point attaching

61 point attaching

62 point attaching

63 point attaching

64 point attaching

65 point attaching

66 point attaching

67 point attaching

68 point attaching

69 point attaching

70 point attaching

71 point attaching

72 point attaching

73 point attaching

74 point attaching

75 point attaching

76 point attaching

77 point attaching

78 point attaching

79 point attaching

80 point attaching

81 point attaching

82 point attaching

83 point attaching

84 point attaching

85 point attaching

86 point attaching

87 point attaching

88 point attaching

89 point attaching

90 point attaching

91 point attaching

92 point attaching

93 point attaching

94 point attaching

95 point attaching

96 point attaching

97 point attaching

98 point attaching

99 point attaching

100 point attaching

101 point attaching

102 point attaching

103 point attaching

104 point attaching

105 point attaching

106 point attaching

107 point attaching

108 point attaching

109 point attaching

110 point attaching

111 point attaching

112 point attaching

113 point attaching

114 point attaching

115 point attaching

116 point attaching

117 point attaching

118 point attaching

119 point attaching

120 point attaching

121 point attaching

122 point attaching

123 point attaching

124 point attaching

125 point attaching

126 point attaching

127 point attaching

128 point attaching

129 point attaching

130 point attaching

131 point attaching

132 point attaching

133 point attaching

134 point attaching

135 point attaching

136 point attaching

137 point attaching

138 point attaching

139 point attaching

140 point attaching

141 point attaching

142 point attaching

143 point attaching

144 point attaching

145 point attaching

146 point attaching

147 point attaching

148 point attaching

149 point attaching

150 point attaching

151 point attaching

152 point attaching

153 point attaching

154 point attaching

155 point attaching

156 point attaching

157 point attaching

158 point attaching

159 point attaching

160 point attaching

161 point attaching

162 point attaching

163 point attaching

164 point attaching

165 point attaching

166 point attaching

167 point attaching

168 point attaching

169 point attaching

170 point attaching

171 point attaching

172 point attaching

173 point attaching

174 point attaching

175 point attaching

176 point attaching

177 point attaching

178 point attaching

179 point attaching

180 point attaching

181 point attaching

182 point attaching

183 point attaching

184 point attaching

185 point attaching

186 point attaching

187 point attaching

188 point attaching

189 point attaching

190 point attaching

191 point attaching

192 point attaching

193 point attaching

194 point attaching

195 point attaching

196 point attaching

197 point attaching

198 point attaching

199 point attaching

200 point attaching

201 point attaching

202 point attaching

203 point attaching

204 point attaching

205 point attaching

206 point attaching



presents

MOOTS MOUNTS

The Clamp-On
Cantilever Brake Mount

FEATURES

- ▷ Adaptation to all brake brands
- ▷ Adaptation of all bicycles to various wheel sizes.
- ▷ Extra strength over braze on types.
- ▷ Adjusts any cantilever brake to optimum arc-cant position to assure square contact of brake pad.
- ▷ Designed for and thoroughly tested on Mountaineer, Tandem, BMX, and Road bicycles.

☐ Satisfaction Guaranteed! ☐

Moots Cycles

1136Yampa St. p.o. box 2480

Steamboat Springs

Colorado 80477 303-879 1675

MOOTS MOUNTS for Cantilever Brakes.

Sizing:

A. Bicycle Frame Strut

-3 Fork Styles -

F1 oval - road

F2 oval - Mountain

F3 2" round - BMX

-1 Seat stay Style -

SS1 round - 12x16mm

B. Stainless Steel tape

C. Band (stainless steel)

B1 92 mm long

B2 97 mm

B3 110 mm

SS1 73 mm

D. Contoured plate

D1 3/4" dia.

D2 3/4" dia.

D3 7/8" dia.

SS1 6/8" dia.

E. Bolt (5mm-8pitch)

E1 25 mm

E2 50 mm

E3 45 mm

SS1 50 mm

F. Pivot Stud

G. Washer

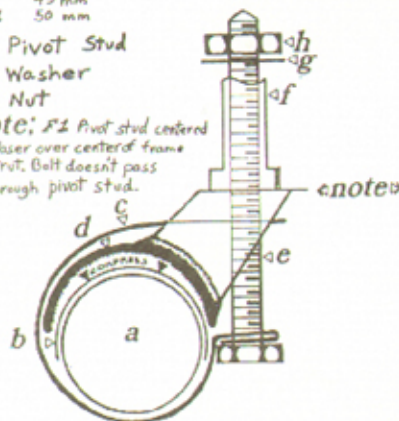
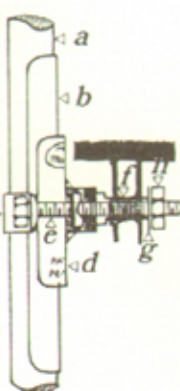
H. Nut

note: F1 Pivot stud centered

closer over center of frame

strut. Bolt doesn't pass

through pivot stud.



NOTE: For unusual sizing requirements special band sizes are available. Give us the circumference of frame strut.

Mounting instructions

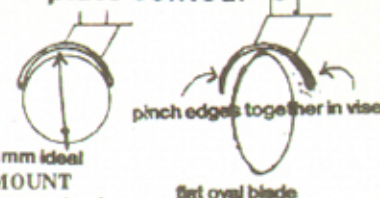
1. STAINLESS STEEL TAPE

..A. Precontour to match bike frame strut. Careful, edges are sharp.

..B. Clean frame strut with acetone, peel off paper ... backing and apply at proper position.

... Example: The Moots Mountaineer adapts ... 26x1.75 thru 27" wheel sizes so bottom edge ... tape is 22cm from dropout.

plate contour



2. THE MOUNT

..A. Remove wheel.

..B. Check plate contour.

..C. Wrap band around strut and push bolt ... through bottom of pivot stud. Road fork ... mounts (F1) have an exposed bolt along strut ... side. Use channel lock pliers to assist.

..D. Install wheel.

..E. Position mount and ... brake pad to perfect ... arc-cant position.

..F. 8mm ratchet will tighten nut quickly until the ... contoured plate compresses against frame ... strut.

..G. Connect cables. Watch carefully for slipping ... of mount while applying pressure to brake ... lever. Reposition and tighten if needed.

"Thanks for using our Mounts"

Sincerely,

Mr. MOOTS



presents

MOOTS MOUNTS

The Clamp-On
Cantilever Brake Mount

FEATURES

- ▷ Adaptation to all brake brands
- ▷ Adaptation of all bicycles to various wheel sizes.
- ▷ Extra strength over braze on types.
- ▷ Adjusts any cantilever brake to optimum arc-cant position to assure square contact of brake pad.
- ▷ Designed for and thoroughly tested on Mountaineer, Tandem, BMX, and Road bicycles.

☐ Satisfaction Guaranteed! ☐

Moots Cycles 1136Yampa St. p.o. box 2480
Steamboat Springs Colorado 80477 303-879 1675

MOOTS MOUNTS for Cantilever Brakes.

Sizing:

A. Bicycle Frame strut

~3 Fork styles ~

- F#1 oval - road
- F#2 oval - Mountain
- F#3 1" round - BMX
- ~1 seat stay style ~
- SS#1 round - 12-16 mm

B. Stainless Steel tape

C. Band (stainless steel)

- F#1 92 mm long
- F#2 97 mm
- F#3 110 mm
- SS#1 73 mm

D. Contoured plate

- F#1 3/4" dia.
- F#2 3/4" dia.
- F#3 7/8" dia.
- SS#1 6/8" dia.

E. Bolt (5mm-8 pitch)

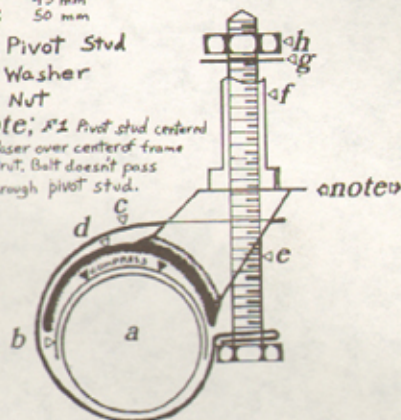
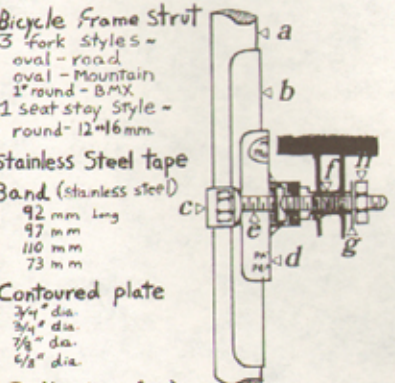
- F#1 25 mm
- F#2 50 mm
- F#3 45 mm
- SS#1 50 mm

F. Pivot Stud

G. Washer

H. Nut

note; F#1 Pivot stud centered closer over center of frame strut. Bolt doesn't pass through pivot stud.



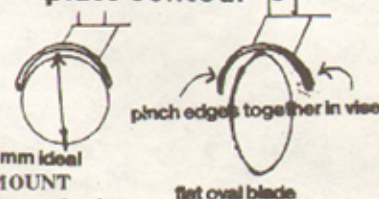
NOTE: For unusual sizing requirements special band sizes are available. Give us the circumference of frame strut.

Mounting instructions

1. STAINLESS STEEL TAPE

- ..A. Precontour to match bike frame strut, Careful, edges are sharp.
- ..B. Clean frame strut with acetone, peel off paper
- backing and apply at proper position.
- Example: The Moots Mountaineer adapts
- 26x1.75 thru 27" wheel sizes so bottom edge
- tape is 22cm from dropout.

plate contour



2. THE MOUNT

- ..A. Remove wheel.
- ..B. Check plate contour.
- ..C. Wrap band around strut and push bolt
- through bottom of pivot stud. Road fork
- mounts (F1) have an exposed bolt along strut
- side. Use channel lock pliers to assist.
- ..D. Install wheel.
- ..E. Position mount and
- brake pad to perfect
- arc-cant position.
- ..F. 8mm ratchet will tighten nut quickly until the
- contoured plate compresses against frame
- strut.
- ..G. Connect cables. Watch carefully for slipping
- of mount while applying pressure to brake
- lever. Reposition and tighten if needed.

"Thanks for using our Mounts"

Sincerely,

Mr. MOOTS



Moots Mountaineer with Commando Camouflage paint. *Bazooka mount optional.



Moots Mountaineer 90m & 70m



Quotes received from
Mountaineer owners:

"Resilient"

"Unbelievably light"

"Tracks stable at high speed"

"Like a perfectly balanced
pair of skis"

"Torsionally stiff"

"My other mountain bike was
really high tech but the Moots
compairs to it like a Saab Turbo
to a VW bug"

"I'm going around the world"

"Whimsical slow speed
accuracy on steep trails"

"I put my race wheels on it
-with the adjustable brakes -
and road raced :
finished second"

"I just don't believe the
beating this thing takes"

"The more I ride it -
the more I like it"

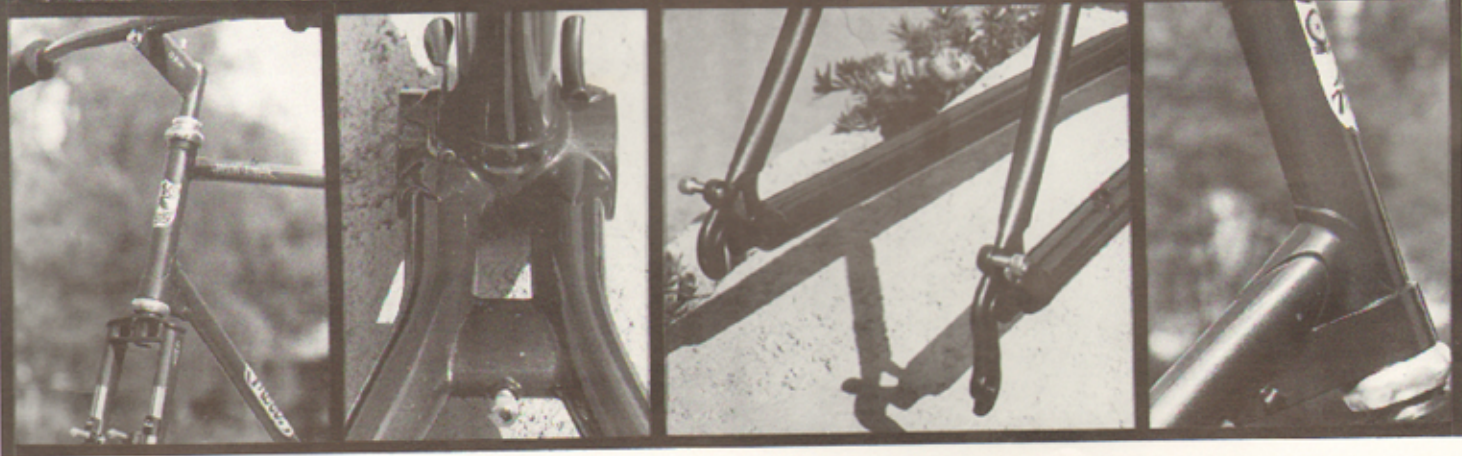
"Lively"

"I won a Stumpjumper racing
last year - on my Moots"

"Definitely the most versatile
transportation available"

"I love it"

MOOTS MOUNTAINEER 90M & 70M



Frameset

MOOTS MOUNTAINEER 90M

Reynolds & Columbus bicycle tubing, perfectly mitered, lugged construction, low temperature meticulous brazing.
Reynolds tandem blades, Moots Mfg. chromomoly plate crown, Columbus helicoil steerer tube.
Down tube: Columbus DB tandem gauge.
Top tube: Reynolds 531 19-22 gauge.
Seat tube: Reynolds 531 19-22 gauge.
Rear triangle: Tange chromomoly with specially designed large diameter chain stays.

Dropouts: Shimano vertical.
Bottom bracket: Chinnelli investment cast.
Braze-ons: all cable guides & stops, water bottle mount, portage pad mount, pump mount, and fender mounts.
Colors: ANY IMERON COLOR, metallic or non-metallic. Fade outs, camouflage, mottled, and fiber effects are available.
Frame sizes: 16 1/2" thru 24 1/2", nine sizes in 1" increments.

Frame Fittings - included with Frameset

- * S.B.I. alloy channel seal headset.
- * Moots Mounts (pat. pend.) adjustable cantilever brake mounts.
- * Quick release seat binder (with "for sure" lock for lever placement).

Frameset

MOOTS MOUNTAINEER 70M

Moots custom speed Tange tube set, designed to fulfill the requirements that have made the 90M so successful. Same geometry, equal quality. Add a few ounces--- save some bucks.

All Tange with Tange crown, Shimano vertical dropouts, and Italian investment cast bottom bracket.

Note: This Tange mountain bike tube set is not the same one that other manufacturers use- it is speeded specially for the Mountaineer 70M and is considerably lighter.

Braze-ons: same as on 90M.

Colors: same as on 90M.

Frame sizes: same as on 90M.

Frame Fittings - included with Frameset

- * S.B.I. alloy channel seal headset.
- * S.B.I. channel headset.
- * Moots Mounts for cantilever brakes.
- * Quick release seat binder (with "for sure" lock for lever placement).

Frame Kit

Frameset

MOUNTAIN FRAME, 90M or 70M

Handlebar/Stem

MOOTS T-BONE:

Stem: 4130 cro mo streamline tubing, sizes 7cm-13cm in 1/2cm increments, 22.2mm dia..

Bars: 4130 cro mo 7/8 x .035 (standard) or .028 (super-light) sizes, 24", 25", 26".

Finish: Imeron paint to match frame. Also available as an accessory in nickel or chrome finish.

The Complete Moots System

Frameset

MOUNTAINEER FRAME, 90M or 70M

Handlebar/Stem

T-BONE Bars and Stem (see specs under frame kit)

Wheels

Quality handbuilt by S.S.C. wheel specialists. Perfectly true, pre-stressed and ready to ride.

Rims: Ambrosio Durex 26 x 1.75, or Super Champion 650B.

Spokes: Swiss DT 14G 4X (threads treated with linseed oil to avoid frozen nipples and loosening).

Hubs: Shimano Deore XT sealed with solid cro mo axles.

Tires: 26 x 2.125 knobby, or 650 balloon (same profile off rim as a 1.75 tire).

Drivetrain

Derailleurs: Shimano Deore XT rear, 105 front.

Shift levers: Shimano Deore XT.

Chain: Seditport or Regina Oro.

Crankset: Takagi XT triple, sealed B.B..

Freewheel: 600 UG, Huret plastic spoke guard.

Gearing

15 speed with dishless rear wheel (130mm spacing)

Half-stop plus Granny.

	13	16	20	26	32	
26	54	44	35	27	22	
38	79	64	51	39.5	32	
42	88	71	57	44.7	35	
18 speed, evenly spaced crossover						
	14	17	20	24	28	34
28	50	44	37.8	31.5	27	22
36	69	57	48.6	40.5	34.7	28.5
46	89	73	62	52	44.5	36

Note: a 13t can be spun on the 600UG for more gear inches.

Moots Cycles

Box 77280, 1136 Yampa Av.

Steamboat Springs, CO 80477

303-879-1675

Brakes

Cantilevers: Shimano Deore XT on Moots Mounts.
Brake levers: Magura Motorcycle, black finish with covers. Shimano XT option for small hands.

Misc. Components

Pedals: Shimano SX (won't flip, and will take toe clips).

Seat: Sella Italia leather anatomic - mens or ladies.

Seat post: SR Laprade 27.0.

Grips: Johar Cush 1 Rad Grips.

Options available

Hubs: Phil Wood.

Bottom bracket: Phil Wood.

Brake pads: Mathauser.

Freewheels: Suntour Ultra 6.

Seat post: Moots post-in lengths to 280mm.

Pedals: Suntour XC, or Shimano DX.

Custom accessories to get

Portage pad: to fit your braze-ons.

Portage pad: to clamp onto any frame.

Fenders: Esgee wide Chromoplast (recommended only for frames with high clearance).

All Mountaineer frames have plenty!

Pump: Silca with Primus Shraeder end.

Moots post: effortless on-bike adjustments; back and down, or forward and up---tilt stays constant. Check it out!

Moots Mounts: comes with your Mountaineer, but available for all other bikes.

Sizing

Size the Mountaineer 2" to 3" shorter than your road bike. The top tube is proportionally longer. Comes in 16 1/2" thru 24 1/2" in 1" increments, measured center to center.

Wheel base: 42 1/2" thru 46" proportional to frame size.

Chain stay: 42.5cm thru 46cm.

Head angle: 70°.

Seat angle: 70°, 70.5° on 16.5.

Bottom bracket height: 12 1/8".

Fork rake: 6.3cm.

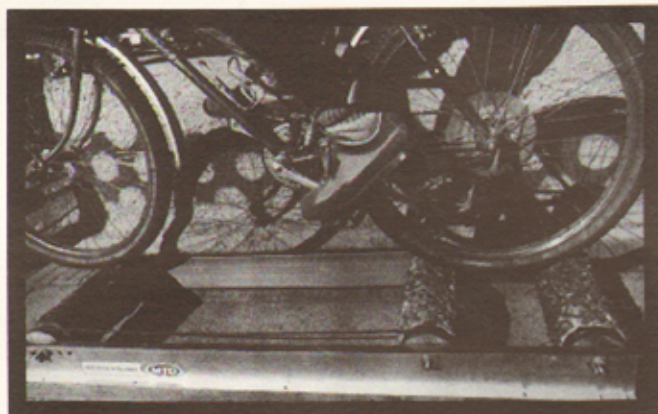
Steering: neutral.

Custom options and order information on framesets detailed on Price Sheet in back.

FEATURES OF THE MOOTS MOUNTAINEER

The Mountaineer was born in the mountains. Developing from an age before special "mountain bike" tubing, lugs and crowns, Moots experimented with the "state of the art" bicycle technology that already existed. Dozens of variations in materials and geometry have been built, tested and sorted, leaving a mountain frame that is ready to prove itself to anyone.

The following features are just icing on the cake:



These "Fred Flinstone rollers" exhibit the shock absorbing resiliency of the Mountaineer frame.

Resilience

Thicker wall standard diameter tubes include a tandem gauge Columbus D.B. downtube and Reynolds tandem gauge fork blades. This selection of tubing gives a farther flex-spring back ability to the frame than the larger diameter thinner wall tubing.

* Tire pressure ridden low will really smooth rough decents.



Riders strip their cranks of all but the smallest chainring for log hopping.

Handling

Just as mounting your ski bindings at the proper position to tips and tails, the placement of the bottom bracket between your wheels is critical. Too far back and you pop wheelies up steep grades; too far forward and you will have rear tire slippage, over the front on steep downhills, and it will be too hard to pull the front wheel from ruts. The wheelbase of the Mountaineer is long for stability yet handling is very responsive.

Clearance

A bottom bracket of 12" plus is essential for pedaling successfully through ruts and rocks.



The exclusive Mountaineer seat binder locks the release lever position, hangs the rear brake cable and holds a pump all at once.

Fitting

A mountain bike is ridden 2-3" shorter than a road bike. This allows a quick seat lowering to get your weight down on decents yet a comfortable position on the flats with the upright bars. A special Moots streamline stem for drop bars that angles 15° is also available.



Boulder fields can be a bit much, that's why the Moots Portage pad.

**SHERPA
SPORTS
LIMITED**

720 E. DURANT AVE.
ASPEN, COLO. 81611
TEL. (303) 925-1977

MOOTS CYCLES,
1136, Yampa,
Steam Boat Springs, Co.

Kent Erickson:

You have truly
produced a stupendously resilient, light,
superlative mountain bike.

Am cancelling my dealership for
the (it is a dead bike) and
dropping consideration for any other.

I shall have your brochures
and Alexi's bike to exhibit from Jan 1, 84
onwards at the shop.

Riding mountain bikes was neither
exciting nor comfortable till I rode yours.
It is the perfect combination of tubing
and frame geometry in existence today.
Alexi Grewal may be an international
racer and star, but I can evaluate frames.

Congratulations!

Jasjit Singh Grewal.

Dear Kent and all the people at Sore Saddle.

I thought it was time I wrote and shared some of the freedom and happiness and adventures my moots and I have been having.

We've stood on top of Pearl Pass, Taylor Pass, Midway Pass, Cottonwood Pass, East Maxrecon Pass, Reno Divide. We've travelled such places as Cunninham Creek, Devils Hole Creek, Thimble Rock, Midway Creek, Hunter Creek, Basalt Mt, Red Table Mt, Grand Mesa, Thomas lakes, Copper lake and more much more.

I've never had any problems with the bike. Except maybe that it instills confidence and craziness putting me in places where I shouldn't be. Like reaching the top of Taylor Pass at 9pm in 8 inches of new snow after trekking for 10 hours from Crested Butte, most of the time being more or less lost.

"I think I've really torture tested the moots. It tested me too and I think it was a draw."

+ A Quote from me.

The "Mountain" in Moots is where it's at. It is the best bike for the mountains. No other bike has its rideability over radical Terrain.

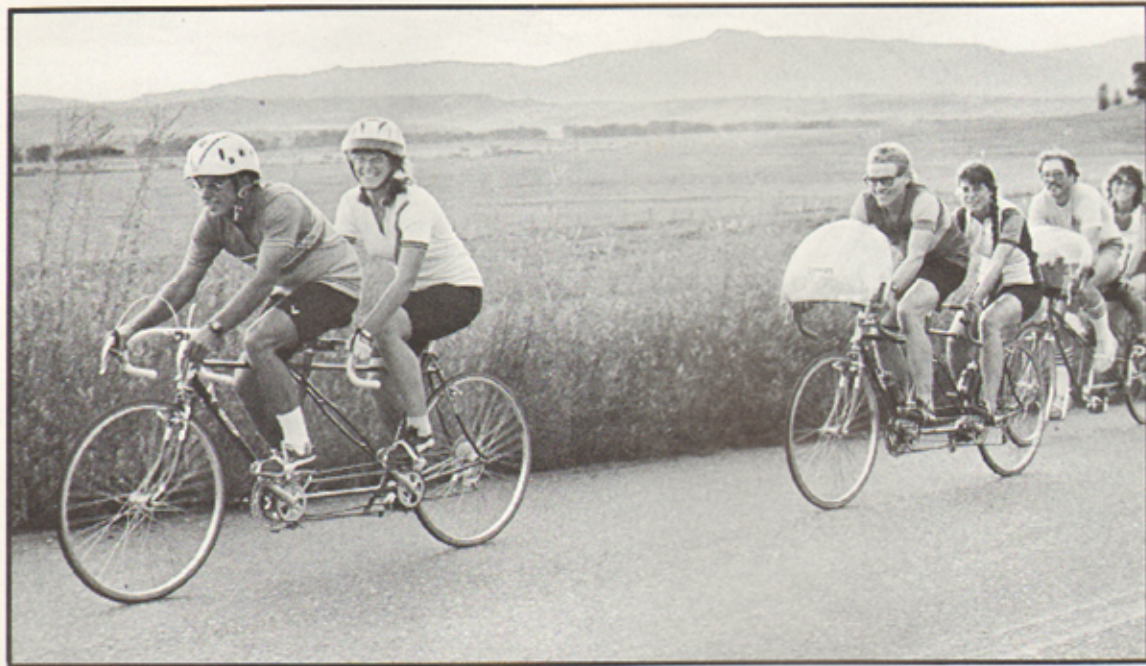
that includes . . . and the

Those bikes are good for smooth califania pie roads but the "Rocky" Mountains will tear their riders to shreds.

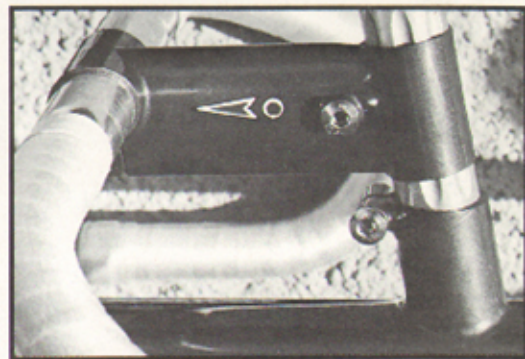
Thank to you all for making a real riders bike. I never had so much fun getting tired in all my life.

Sincerely
Alek Grewal

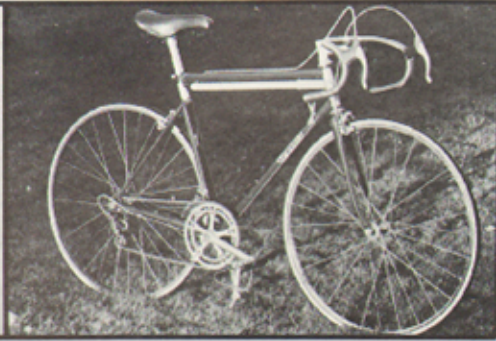
TANDEMS PAVEMENT/DIRT



SINGLES TOURING/RACING



CUSTOM ROAD BICYCLES By Moots



THE MOOTS TANDEM

Specially selected tubes of Reynolds, Columbus, Tange and 4130 Chromoly Oval. Huge fillet brazes join these perfectly mitred tubes to a torsionally rigid design. Unique rear triangle design gives this tandem the shortest wheel base available without loss of stoker comfort. Chain rings are in the front for smoother drive train. The Moots tandem handles perfectly on high speed mountain descents.

Custom-built to any size. Includes braze-on for 3 water bottles, rack mounts (front and rear), cable runs inside tubing, Moots Mounts for cantilever brakes, chain idler and Campagnolo headset installed.

THE MOOTS TANDEM (with dirt road capabilities)

This tandem is built with 1 1/2" higher clearance to offset the smaller 26 x 1.75 wheel. 650B, 700C and 27" wheels may also be used, thanks to Moots Mounts. More detailed photographs available upon request.

Optional Braze-ons - See back of catalog.

Spring Loaded Trunk - (Pictured) Good for small stashes: patch kits, etc.

Tandem Tunes Console - Holds tapedeck with internal phone jacks.

Moots/Sore Saddle Cyclery has probably sold, ridden and set-up more tandems than any shop in the mountain region. They are experienced and have on-hand capacity to set up your tandem expertly with components that work. Notify your dealer than you are interested in a complete tandem, and we will discuss options and estimate - you will find us surprisingly reasonable and helpful.

ROAD FRAMESETS

Custom designed to the individual's anatomy and desired "ride". (Details at back on price sheet). Reynolds 531, Columbus SP or Reynolds and Columbus Superlight tubes. Cinelli investment cast bottom bracket, Cinelli or Henry James fork crown. Selection of 10 standard braze-ons. Imeron paint, BSC threading, Campagnolo headset installed. Braze-on details at back of catalog.

MOOTS STREAMLINE HANDLEBAR STEM

Road Bike Stem

A moots original design. Fillet brazed for singles and tandem pilots. Stiffer, stronger and just as light. 22.2 dia., 6cm thru 13cm in 1/2cm increments.

Rear Stoker Stem

A Moots original design for tandems. Ultra light, stiff, strong, out of 4130 streamline tubing. 6 cm thru 13 cm in 1/2cm increments.

*Ask about prices on complete racing machines - Campagnolo equipped from Moots Cycles.

All order info is on price sheet at back.

SIZING AND GEOMETRY

Let's get it straight. The following must be determined accurately.

FRAME SIZE

A =

B =

C =

Shoulder Width _____

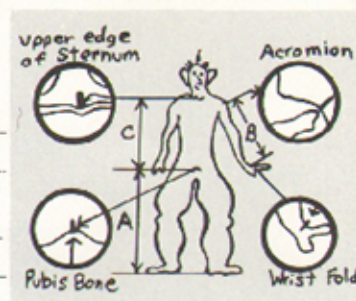
Weight _____

Build

Normal _____

Top Heavy _____

Hip Heavy _____



FRAME USAGE

Road Racing, Critrium, Time Trial, Track, Sport Riding, Touring.

Wheel Base _____ Pedals to be used _____

Wheels . . .

Tubular _____ 700C _____ 27" _____

Rear Cluster 120mm _____ 125mm _____ 127mm

Brake Rear Standard _____ Short _____ Other

Fender Capabilities?

Drop Outs Campi 1010 _____ 1010B _____

Shimano Vertical _____

Do you want eyelets for racks, fenders?

Color Choice Any imeron color _____

Other Options . . .

Your current bike size (lengths measured on center) . . .

Wheel Base _____ Seat Tube _____ Top Tube _____

Stem Length _____

Comments on its feel _____

Full address & phone _____

Order info, shipping, options, braze-ons are detailed at back of catalog on price sheet.

Moots Cycles

Box 772480, 1136 Yampa Ave.
Steamboat Springs, CO 80477
303-879-1675

MOOTS ORDER FORM



I. CUSTOMER AND SHIPPING INFORMATION

Name _____
Street Address _____
Shipping Address _____
Telephone number (home) _____ (work) _____

Should we ship your finished Moots (UPS - COD on unpaid balance) _____
or, will you pick up at the Moots shop _____

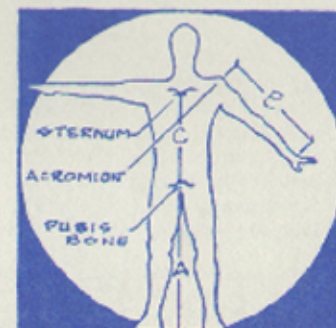
II. SIZING INFORMATION:

Height _____ Weight _____

Inseam (crotch to floor in shoes you'll be riding in) _____

Take the following measurements:

- A. Pubis bone to floor (in stockinged feet) _____
B. Acromion (top of shoulder drop) to wrist fold with arm
held at about a 30 degree angle from body _____
C. Upper edge of sternum (V bone at bottom of throat)
to pubis bone _____



What size and kind of bike (road and/or mountain bike) do you ride now?
What do you like or dislike about the ride?

III. FRAME TYPE (refer to Moots brochure)

VI. COMMENTS?



HOW TO ORDER, ETC.

We require a deposit of \$200.00 prior to starting your bike. This deposit is not refundable. Send us your check or money order (we also accept VISA and MasterCard) along with the enclosed order form and any special comments you might want to add. Be sure to include a home and work telephone number in case we've missed something. Also, send along a sample of a favorite color if you happen to have one. Delivery time is generally 6 - 10 weeks depending on the time of year.

THE END - OR IS IT JUST THE BEGINNING?

Your bike is completely assembled and test ridden by ace mechanics before it reaches you. ("The only bicycle ever sent me that was truly race ready" - Steve Tilford.) You are welcome to pick your Mountaineer up at our shop or we will be happy to send it to you UPS. Shipping is free of charge, but it will arrive COD on the unpaid balance. If we do ship, your bike is broken down to fit into two boxes after its test ride. Assembly time on your end is approximately half an hour.

1136 Yampa ave

MOOTS CYCLES P.O. BOX 772480 STEAMBOAT SPRINGS, CO 80477
(303) 879-1675

