

# **BUIZ BUILDER**

## **THE MODEL ENGINEERING SET FOR BOYS OF ALL AGES.**

Buz Builder is not just a toy, it is a fun pack of precision engineered metal parts that make a positive contribution to a child's development in both mental and manual skills. He learns to understand scale, perspective and basic engineering principles.

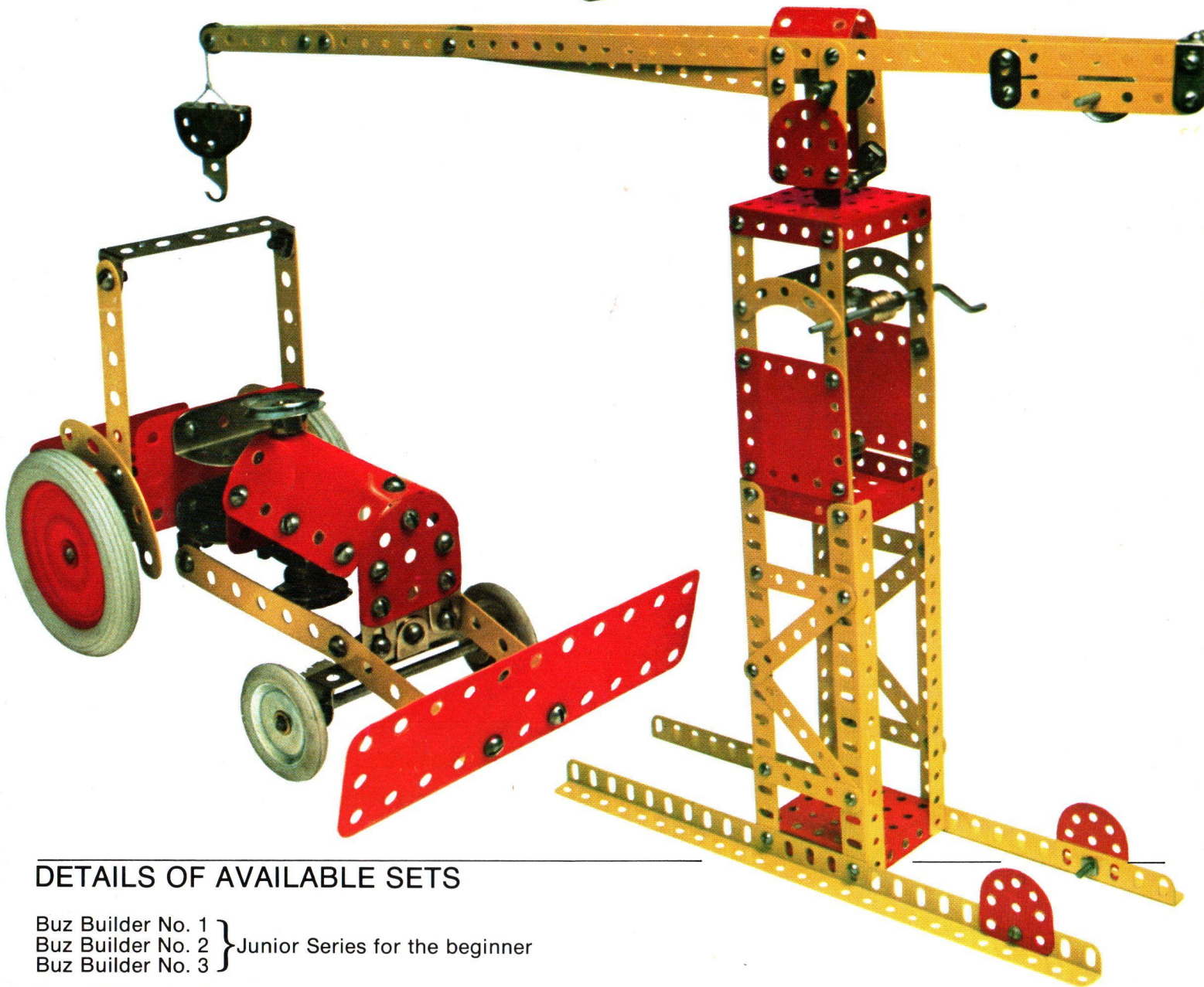
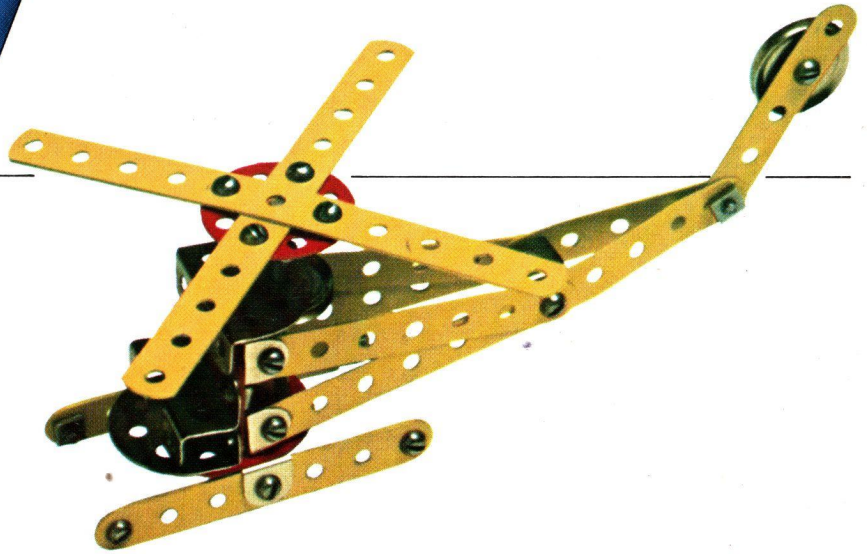
He develops creative capacities, planning and building operating models of his own design in a fun way.

Buz Builder provides all this - hours of creative fun thinking. It's all part of growing up - the right way.



# BUIZ BUILDER

MODELS YOU CAN MAKE



## DETAILS OF AVAILABLE SETS

Buz Builder No. 1 }  
Buz Builder No. 2 } Junior Series for the beginner  
Buz Builder No. 3 }

Buz Builder No. 4 }  
Buz Builder No. 5 } Intermediate Series  
Buz Builder No. 6 }

★ Buz Builder No. 7 With motor. }  
★ Buz Builder No. 8 } For those who want to go further  
★ Buz Builder No. 9 With motor. }

# BUZ BUILDER

**A COMPLETE RANGE OF METAL  
CONSTRUCTION SETS FOR HOURS OF  
CREATIVE INVOLVEMENT.**

## BUZ BUILDER CONVERSION SETS

As the budding modeller's creative ability develops he can explore further into the exciting world of model building by adding to his initial set progressively with the convenient Buz Builder Conversion Sets until he has a component selection that will stay with him through manhood until he chooses to pass it on to his own young son.

Conversion Sets are not intended as constructional sets in their own right but simply contain the necessary extra parts to convert a main set into the next larger, e.g. Set No. 1 together with Conversion Set No. 1A makes Set No. 2, and so on.

No. 1A Converts Set No. 1 into No. 2  
No. 2A Converts Set No. 2 into No. 3  
No. 3A Converts Set No. 3 into No. 4  
No. 4A Converts Set No. 4 into No. 5  
No. 5A Converts Set No. 5 into No. 6

★ No. 6A Motor Converts Set No. 6 into No. 7  
and No. 8 into No. 9  
No. 7A Converts Set No. 7 into No. 8

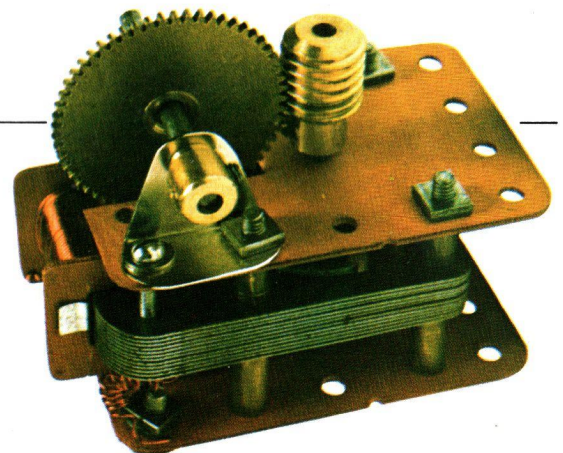
## ★ BUZ BUILDER GEAR MECHANISM SET

The Gear Mechanism Set is complete in itself, but when used together with other Buz Builder Sets an endless variety of realistic working models can be built. Contains Sprocket wheels and chain, gear wheels, crown wheels, pinions, etc. Build chain drives, reversing gears, 2 and 3 speed gearboxes, clutches and brakes.



## ACCESSORIES

- ★ Buz Builder gear Motor
- ★ Buz Builder Hobby Box, a handy storage unit



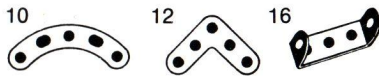
★ (available early 1977)

# BUZZ BUILDER

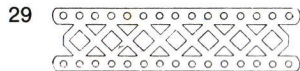
## SPARE PARTS



- Part No.  
1: Perforated Strip, 1 1/2"  
2: Perforated Strip, 2 1/2"  
3: Perforated Strip, 3 1/2"  
4: Perforated Strip, 5 1/2"  
5: Perforated Strip, 7 1/2"  
6: Perforated Strip, 12 1/2"



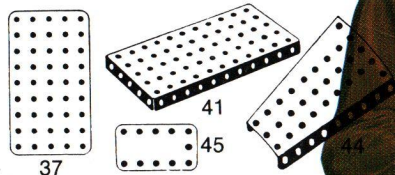
- 10: Curved Strip - Radius 1 3/8"  
12: Bell Crank, 1 1/2" x 1 1/2"  
15: Double Angle Strip, 1/2" x 1 1/2"  
16: Double Angle Strip, 1 1/2" x 1 1/2"  
17: Double Angle Strip, 2 1/2" x 1 1/2"



- 25: Angle Girder, 7 1/2"  
26: Angle Girder, 12 1/2"  
27: Flat Girder, 7 1/2"  
28: Flat Girder, 12 1/2"  
29: Braced Girder, 7 1/2"  
29A: Braced Girder, 12 1/2"



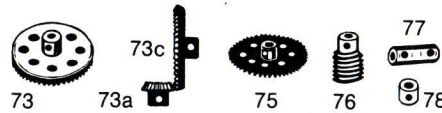
- 30: Flat Bracket, 1"  
31: Angle Bracket, 1/2" x 1/2"  
32: Reversed Angle Bracket  
35: Flat Trunnion  
36: Angle Trunnion



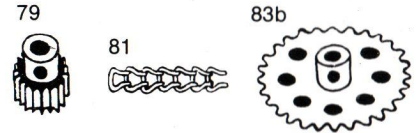
- Part No.  
37: Flat Plate, 4 1/2" x 2 1/2"  
40: Base Plate, 2 1/2" x 2 1/2"  
41: Base Plate, 5 1/2" x 2 1/2"  
42: Base Plate, 4 1/2" x 2 1/2"  
44: Sector Plate, 4 1/2" long  
45: Flexible Plate, 2 1/2" x 1 1/2", Steel  
46: Flexible Plate, 2 1/2" x 2 1/2", Steel  
47: Flexible Plate, 5 1/2" x 1 1/2", Steel  
48: Flexible Plate, 5 1/2" x 2 1/2", Steel  
45A: Flexible Plate, 2 1/2" x 1 1/2", Plastic  
46A: Flexible Plate, 2 1/2" x 2 1/2", Plastic  
47A: Flexible Plate, 5 1/2" x 1 1/2", Plastic  
48A: Flexible Plate, 5 1/2" x 2 1/2", Plastic



- 55: Pulley, 1" diam., without Boss  
56: Pulley, 1" diam., with Boss  
57: Pulley, 2" diam., with Boss  
58: Pulley, 3" diam., with Boss  
65: Bushwheel  
66: Crank with Boss, 1 1/2"  
70: Pulley, loose, 1/2"



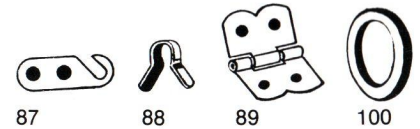
- Crown Wheels**  
72: 3/4" diam., 25 teeth  
73: 1 1/2" diam., 50 teeth  
**Bevel Gears**  
73A: 1/2" diam., 16 teeth (use only with 73C)  
73B: 7/8" diam., 26 teeth (use in pairs)  
73C: 1 1/2" diam., 48 teeth (use with 73A only)  
**Gear Wheels**  
74: 1 1/4" diam., 50 teeth, Brass  
75: 1 1/2" diam., 57 teeth, Brass  
75: 1 1/2" diam., 57 teeth, Aluminium  
75A: 1 5/8" diam., 60 teeth  
75B: 2 1/2" diam., 95 teeth  
75C: 3 1/2" diam., 133 teeth  
76: Worm, 1/2" diam.  
77: Axle Coupling  
78: Collar with Screw



- Part No.  
Pinions  
79: 1/2" diam., 1/4" face, 19 teeth  
80: 3/4" diam., 1/4" face, 25 teeth  
80A: 7/16" diam., 1/4" face, 15 teeth  
80B: 1" diam., 1/4" face, 38 teeth  
**Sprocket Wheels**  
82: 1" diam., 18 teeth  
83: 2" diam., 36 teeth  
83A: 3/4" diam., 14 teeth  
83B: 1 1/2" diam., 28 teeth  
83C: 3" diam., 56 teeth  
81: Sprocket Chain, 3 feet



- 84: Screw Driver  
86: Spanner



- 87: Hook  
88: Axle Clips  
89: Hinge  
90: Compression Spring, 9/16" long  
100: Rubber Tyre, 1"  
101: Rubber Tyre, 2"



- 105: Crank Handle  
106: Axle, 2 1/2"  
106A: Axle, 2"  
106B: Axle, 1 1/2"  
107: Axle, 3/2"  
107A: Axle, 4"  
107B: Axle, 5 1/2"  
108: Axle, 6 1/2"  
109: Axle, 11 1/2"

- 113: Washer  
114: Grub Screw, 3/16" x 5/32"  
115: Nuts, 5/32"  
116: Bolts, 1/4" x 5/32"  
117: Bolts, 3/8" x 5/32"  
118: Bolts, 1/2" x 5/32"  
119: Bolts, 5/8" x 5/32"  
120: Bolts, 1" x 5/32"  
121: Bolts, 1 3/4" x 5/32"

- 125: Hank of Cord  
136: Book of Models, Sets 1 and 2  
138: Book of Models, Sets 3 and 4  
139: Book of Models, Set 5  
142: Book of Models, Sets 6 and 7  
143: Model Leaflets, Sets 8 and 9  
144: Book of Models, Gear Set



Manufactured by  
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