

MARKIE
Precision Working Models
Established as Engineers - 1946

<i>For Office Use</i>

ORDER FORM

Please complete this form in BLOCK CAPITALS using a Ball Point Pen

Customer's Name

Title:	First Name/Initials	Last Name

Address		
Post Code	Telephone	Home Daytime

↓ Please tick appropriate box ↓

MODEL	Fully Built <i>Ready to run</i>	Kit - <i>Ready to assemble</i>	FIRED		GAS	PRICE Each
			<i>Spirit</i>	<i>Coal</i>		
SPECIAL SCENIC						
ROAD LOCOMOTIVE						
AGRICULTURAL						
BURRELL ROLLER						
BURRELL PLOUGHING						
BURRELL CRANE						
PLOUGH						
"JULIE" WATER CART						

COLOUR SCHEME	Black	Mid Blue	Dark Blue	Cream	Green	Maroon	Red	Yellow
Body <i>Tick One>></i>								
Body <i>Tick One>></i>								

CANOPY WORDING - *Optional, if not required, tick box* >

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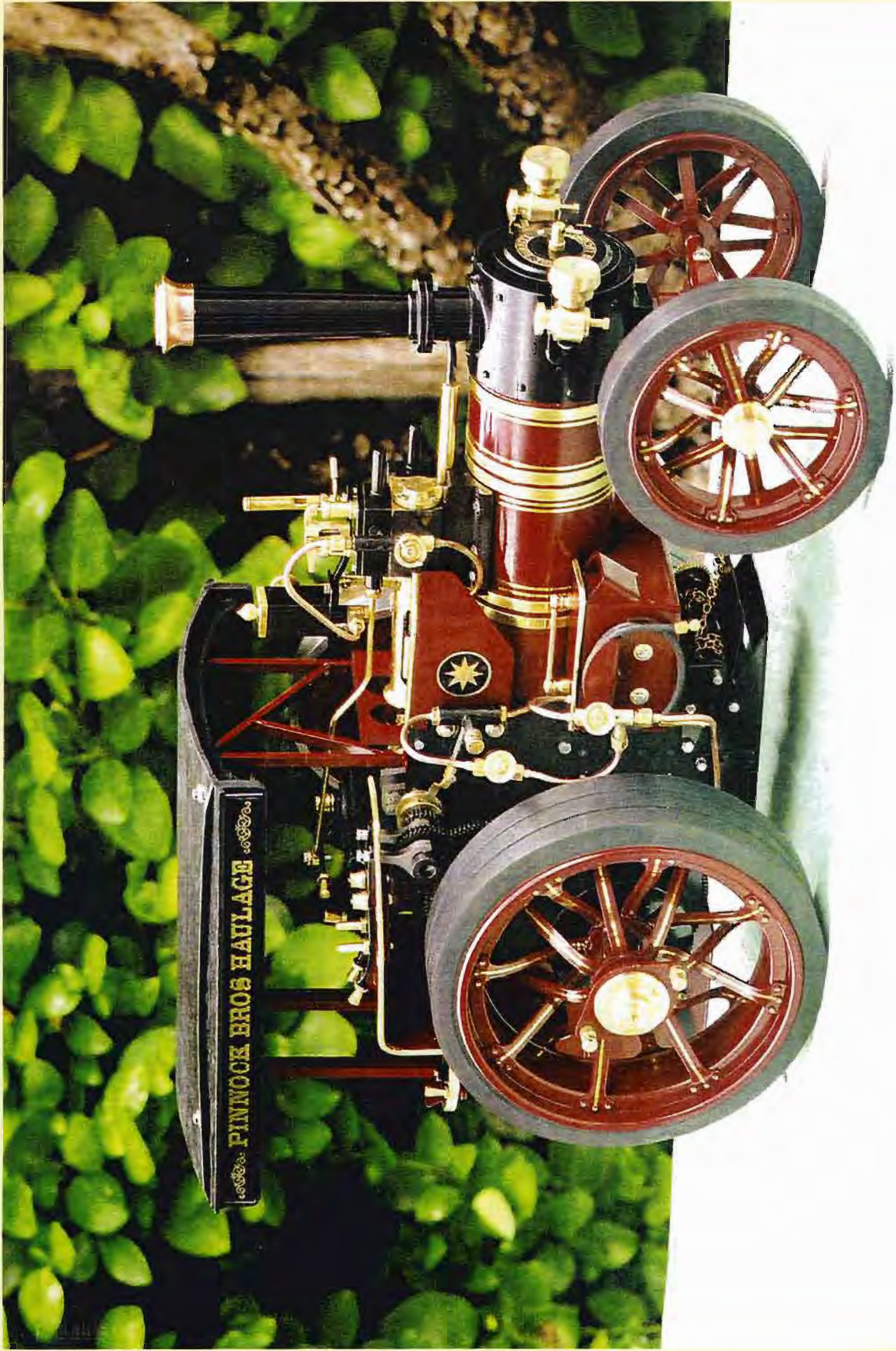
BRASS NAME PLATE - *Optional, if not required, tick box* >

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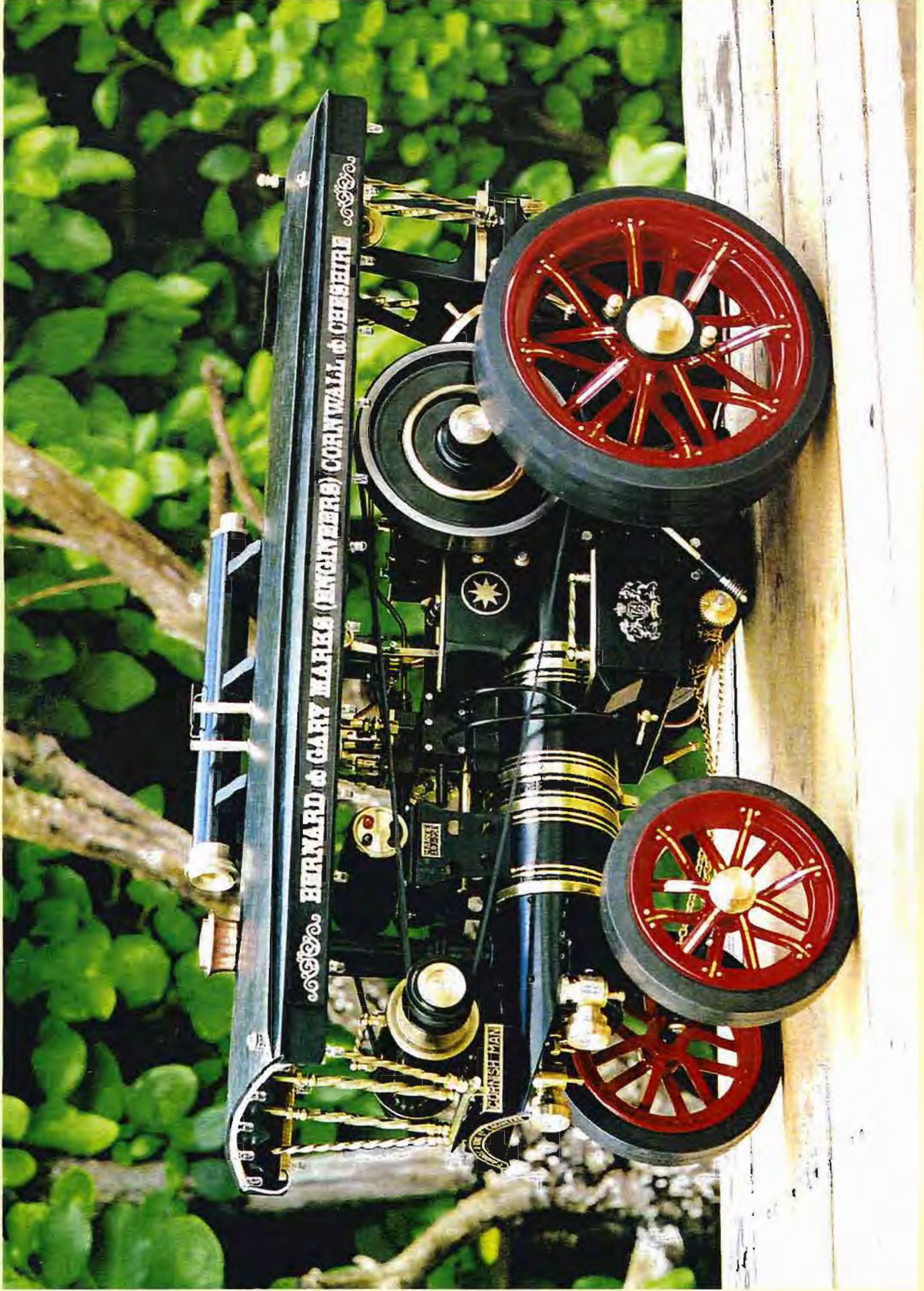
A Deposit is not required. A sum of £200 is required 8 weeks before completion, and payment in full before delivery.

Customer's Signature: _____ *Date:* _____

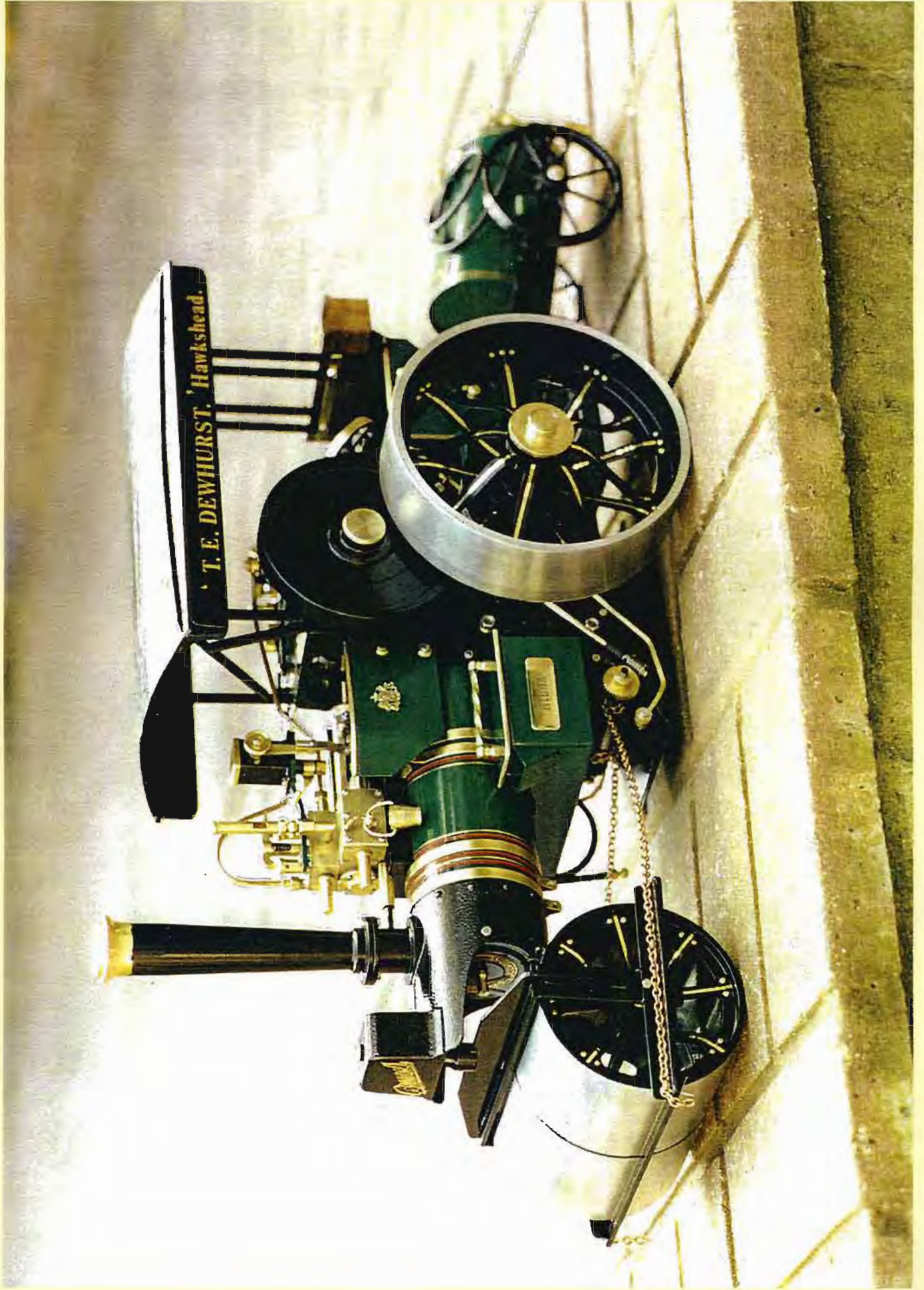
Tony Pearce Designs
 Two South Lodge, Catisfield, Fareham, Hampshire, England PO15 5NG
 Telephone: (01329) 842559



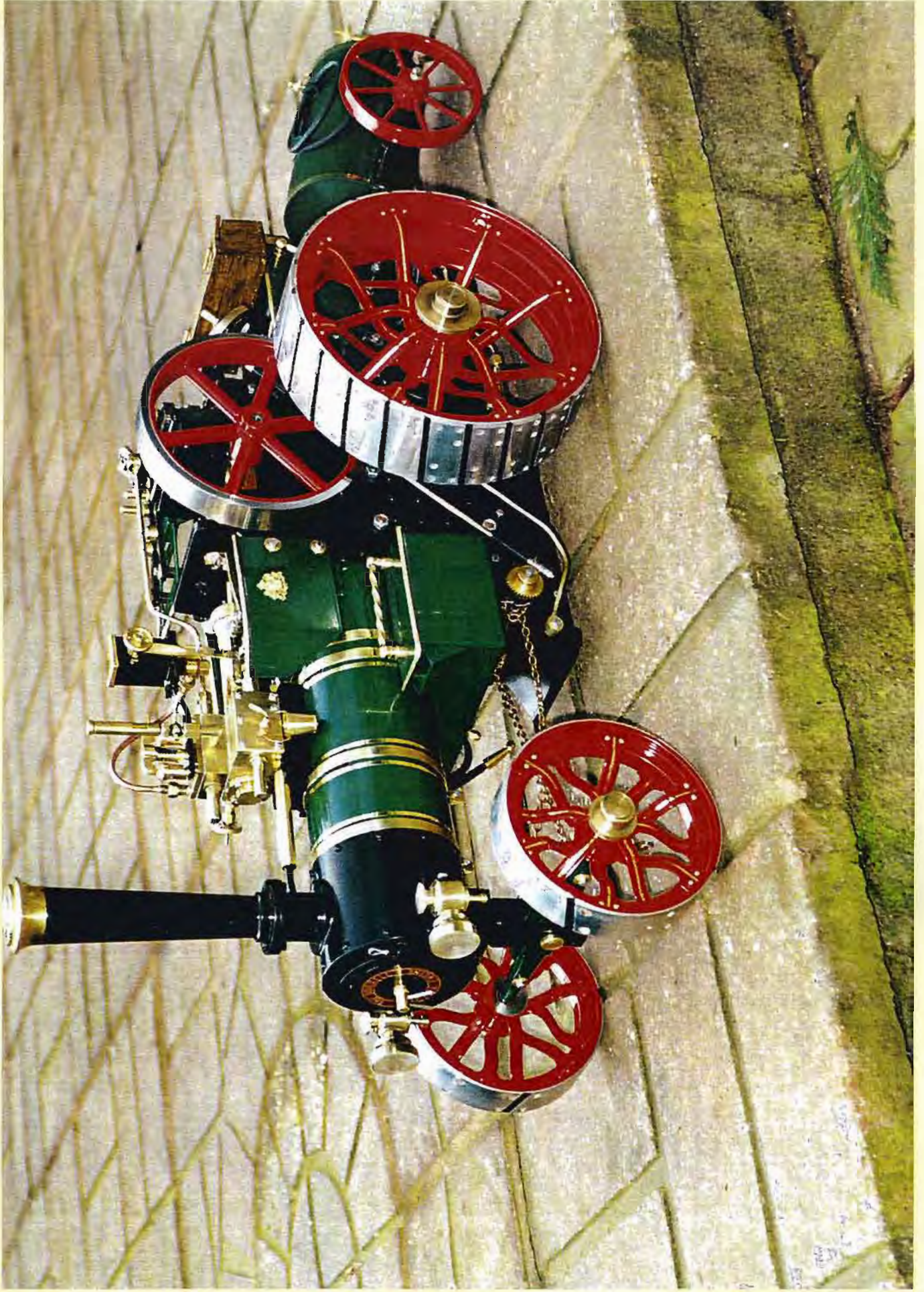
Road Locomotive Engine



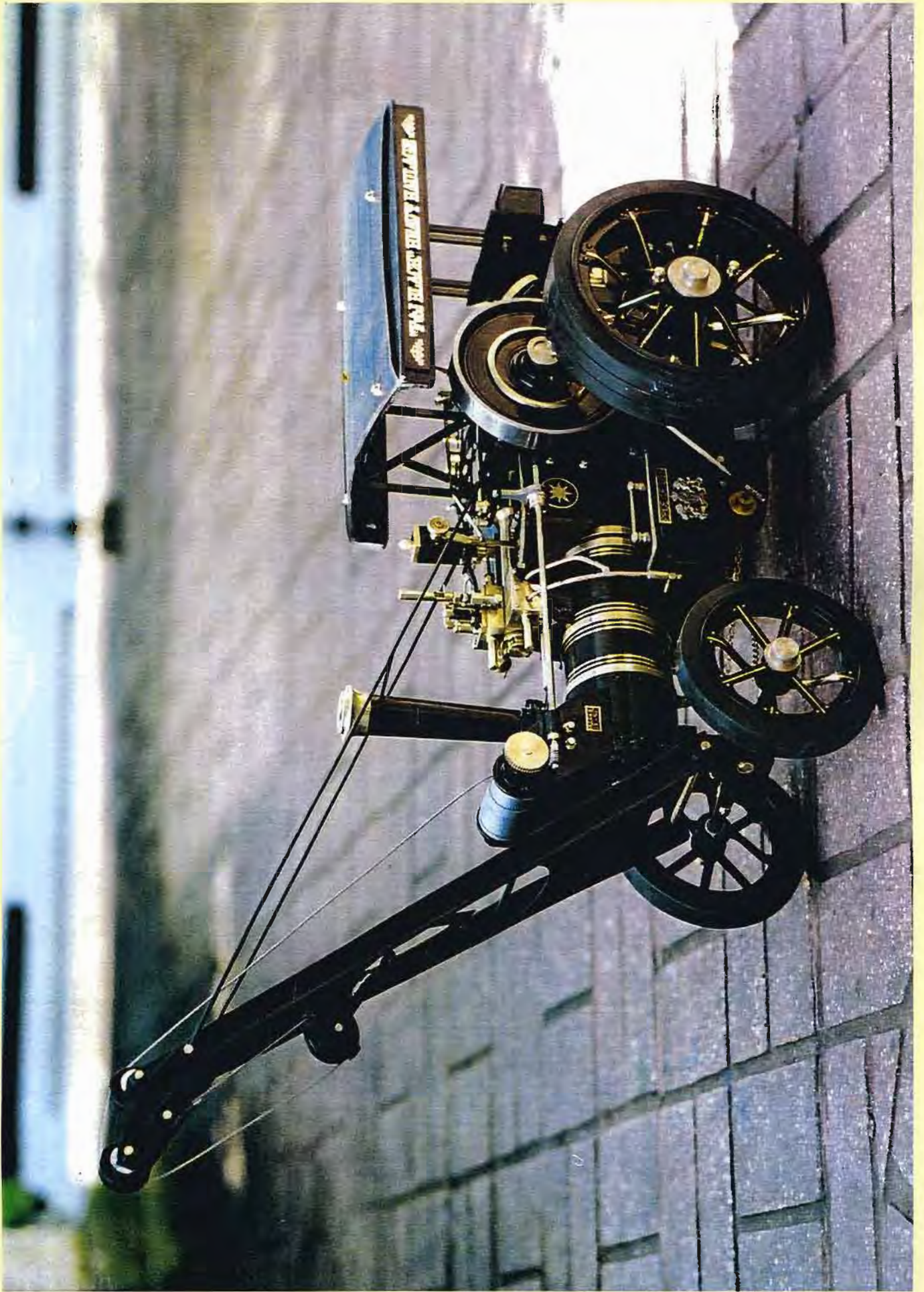
Special Scenic Showman Engine



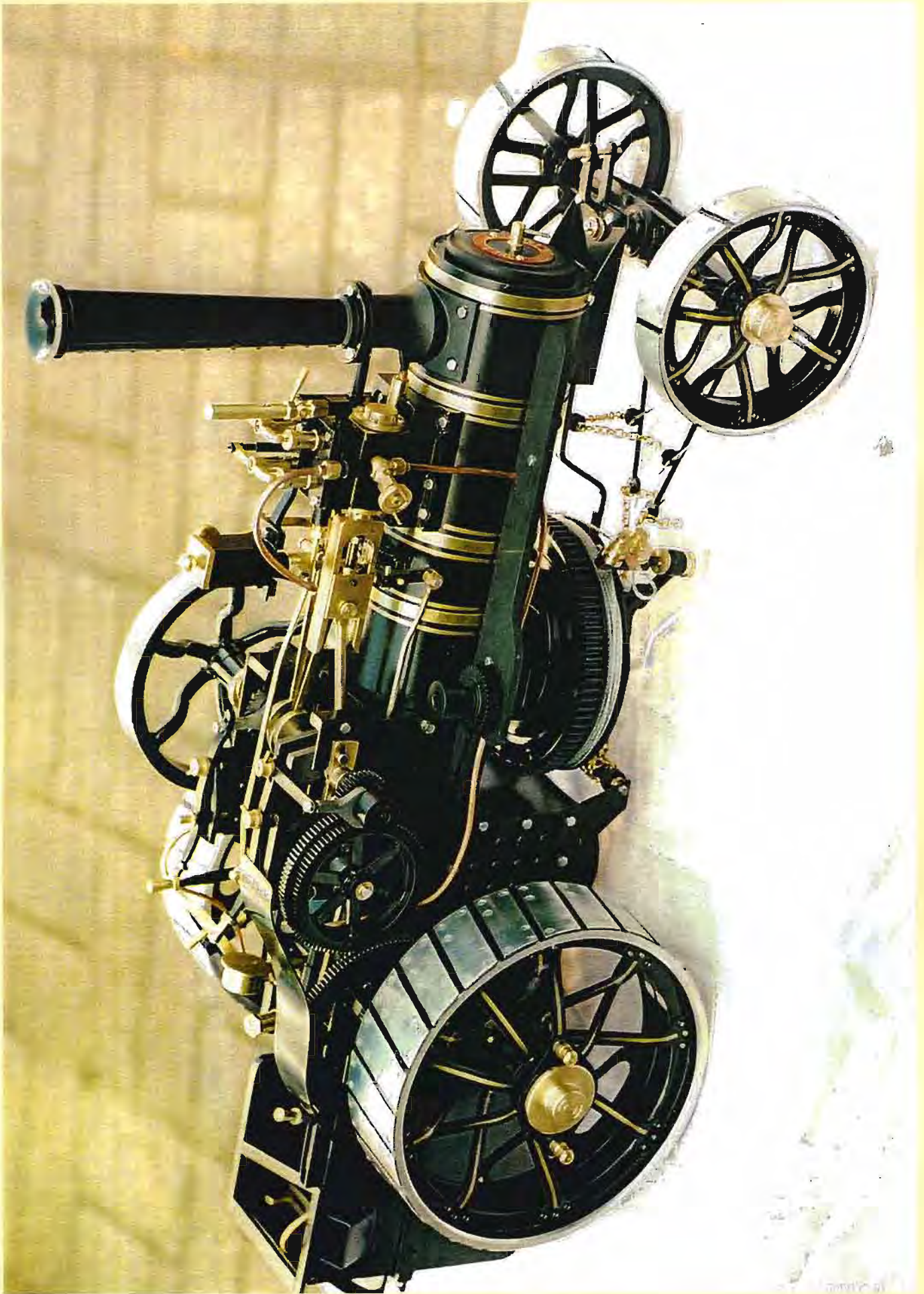
Roller Engine



Agricultural Engine



Crane



Thank you for requesting a copy of our Specification for One-to-Ten scale *Markie Models*
You will see that we can supply a comprehensive range of working steam models.

HISTORY and COMPANY PROFILE

The original company was established in 1946 as Precision Engineers and commenced production of Live Steam Models in 1977. The company is a regular exhibitor at the International Model Engineer and Modelling Exhibition in London.

Using traditional methods, our limited production of hand-made engines, is appreciated by a select band of collectors.

The range is offered in two configurations:

- a) Fully Built - "Ready to Run" or,
- b) Ready to Assemble Kit, with all machining, soldering and enamelling finished.

If you once dreamt of being able to build and own a working live-steam model, the good news is that with a *Markie Kit* it is never too late to make that dream come true.

DOCUMENTATION

Full Instructions covering Assembly (in the case of Kits), Running and Maintenance is supplied.

CUSTOMISATION

Facia Boards for the Canopy and Brass Labels are provided, covering Presentations, Dedication to a loved one, Commorations etc..

CERTIFICATION

Each Engine comes with a serially numbered and signed Boiler Test Certificate.

In addition, each Engine a serially numbered and signed Maker's Certificate. Without doubt the Engines appreciate in value with the passing years and this Certificate is essential in proving provenance.

PACKING

All Engines are expertly packed in multi-wall fibre cartons with Polystyrene fill, to reach you in first class condition.

AFTER SALES SERVICE - CUSTOMER SUPPORT

Our interest goes beyond mere sales, we provide:

A Customer Support Hotline (01329-842559). This is available to all Customers and is particularly appreciated by first-timers.

A comprehensive After Sales Service.

PAYMENT

A Deposit is not required at the time of ordering. About eight weeks before completion of your engine, we will contact you requesting an initial payment. The balance becomes due before despatch.

If after looking through this specification you have any questions please feel free to call us on 01329-842559.

Section 2.0 GENERAL SPECIFICATION FOR 1/10 SCALE ENGINES

NOTE: *Section 2.0 (Pages 2 - 4) deals with that part of the Specification which is common to all Markie 1/10 scale Engines. This should be read in conjunction with the appropriate Engine type.*

Section	Engine	Page
1.0	Introduction	1
2.0	General Specification	2-4
3.0	Showman's Scenic	5
4.0	Showman's	5
5.0	Road Locomotive	6
6.0	Agricultural	6
7.0	Burrell Roller	6
8.0	Burrell Ploughing	7
9.0	Burrell Crane	7

BOILERS

All Boilers are Silver Soldered and Pressure Tested to 90 psi with Fittings. A signed Test Certificate serially numbered is issued for each individual boiler.

BOILERS, SPIRIT FIRED

Copper Tube 2-3/8" OD, with external Fire Tubes 3/16" .
Brass Bulkhead with tappings.
Fittings: Steam Take-off, Pressure Guage, Water Level Glass and Check Valve.

BOILERS, COAL FIRED

Copper Tube 2-3/8" OD with internal Water Tubes (9), 5/16"OD.
Fittings: Steam Take-off, Pressure Guage, Water Level Glass and Check Valve.

Jacketed Firebox, Grate and Ash-pan with lever control Damper. Bronze Inserts and Studs.

WHEELS

Extruded Dural Rims with steel Hubs. Steel Spokes are riveted to Rims and silver soldered to Hubs. Rubber Tyres are supplied or wheels have machined Strakes.

Section 2.0 GENERAL SPECIFICATION FOR 1/10 SCALE ENGINES

SMOKEBOX AND CHIMNEY

Machined of Steel Tube and fabricated with separate Chimney designed to give maximum pull (draught) for the fire. Door is hinged with a *Markie* door ring and brass Handle. Dynamo Bracket where appropriate.

GEARS

The Gears on all Markie engines are specially machined and are in Steel and are chemically blackened. They are designed to conform to the scale and authenticity. The two steel Crankshaft Gears are operated by Forks and Levers with Clamps and Locating Pins.

BRAKE

Lever control, pivoted at the Cab side with a spoked Wheel, working inside off-side Wheel on Brake Drum.

BELLY TANK

A Hand Pump is fitted for the water feed connected to the Boiler base with a Check Valve and in-line Globe Valve, 5/16" Dia Ram. Tank Cover Plates with Handrails.

FLYWHEEL

Solid Steel Disk (5" Dia) with Brass Ring and Centre, or Spoked Wheel and Rubber Belts, where necessary, are supplied.

CRANKSHAFT UNIT

Machined in one piece Steel (5/16" diameter Journal), with Brass Bearings, Cams and Con Rod. Stephenson Link Valve Gear in Steel with Brass activating rods.

ENGINE

Cylinder Block, 5/8" Dia Bore x 1" Stroke, is machined from Naval Brass in one piece, the Bore and Ports jigmilled in situ.

Valve Chests are Brass with End Bearings.

Slide Valves are Brass with adjustable Buckles.

The Engine is double acting.

Piston is Stainless Steel with packed Glands and Rods. 5/8" Dia Bore x 1" Stroke.

Fine Running Valve in parallel with Lever Trottle.

Section 2.0 GENERAL SPECIFICATION FOR 1/10 SCALE ENGINES

STANDARD FITTINGS

Whistle - Safety Valve - Lubricator (lever) - Hand Rails - Brass Lamps with Lens - Side Plates - Pressure Gauge - Glass Water Level - Copper Pipes throughout - Brass Rimmed Edging - Brass Boiler Bands - Winding Drum with Cable - Fine Running Valve.

FINISH

A superb, durable and easily maintained Enamel Finish is achieved. Parts are Grit Blasted before Powder Coating at 222° C (400° F).

A wide choice of colours is available: Black, Mid Blue, Dark Blue, Cream, Green, Maroon, Red and Yellow (see Order Form).

CABS

The Cab is in Steel with Brass edging, including Handrail, Steps and Wire Rope Roller Assembly, the Scenic engines having a set of Pulleys for the Cable Lift when fitted.

FRONT AXLE

Machined in Steel with simulated Leaf Springs.

Section 3.0 SHOWMAN'S SCENIC ENGINE

As Road Locomotive (See Section 5.0 page 6), but with these differences:

Weight: 35 lbs

Length: 26"

Crane Stack with Pulleys on Rear Tender.

Front Dynamo, Double Ended.

Exciter Dynamo - on Bracket, working unit.

Canopy as Showman's (See below), but 1" longer.

This model is a copy of the largest Burrell Engine built.

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Section 4.0 SHOWMAN'S ENGINE

As Road Locomotive, but with these differences:

Weight: 32 lbs.

Length: 25"

Wooden Canopy in Planked Form with scalloped ends and centres and support for Chimney Extension. Full set of lights fitted with integral circuit. Solid Brass Supports, Twisted with ornamental Knobs.

Working Dynamo to authentic pattern.

Section 5.0 ROAD LOCOMOTIVE ENGINE

Scale	1-1/8" = 1 Foot
Height	14"
Width across Hind Wheels	10"
Length	20"
Weight	32 lbs.

Hind Wheels 7" Diameter x 1-7/8" Wide Machined Strakes or Rubber Tyres.
Spokes Rivetted to Rims.

Front Wheels 4-1/2" Diameter x 1/2" Wide. Spokes Rivetted to Rims.

Boiler Jacket 3" Diameter Steel Tube.

Smoke Box, Front Axle and Fork, Steel.

Belly Tank 18g Steel

Horn Plates 14g Steel with Boiler Rivets

Rear Axle 1/2" Diameter Steel

Steering Chain and 18-1 ratio Worm and Wheel

Canopy Planked Wooded Canopy with Supports. Facia
Plates customised to your wording.

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Section 6.0 AGRICULTURAL ENGINE

As the Road Locomotive (Section 3.0 Page) but with Straked Wheels and without Canopy.

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Section 7.0 BURRELL ROLLER ENGINE

The model is basically identical to the Road Locomotive (Section 5.0 Page: 6), except for the fabricated Front Roller Support and Rear Rolls.

Section 8.0 BURRELL PLOUGHING ENGINE

REAR WHEELS

7" Diameter, 16 Spoke with machined Strakes.
Width over Rear Wheels 10".

FRONT WHEELS

4-1/2" Diameter, 12 Spoke with machined Tread.

FRONT AXLE

1/2" Square Steel.

REAR AXLE

1/2" Diameter Steel.

TENDER

Steel fabricated with Steps, Fairlane Roller System, Hose and Hose Clips, Water Tank with Pump.

GEARS

16 Gears, including two Bevels for the Vertical Drive. Gear Guard and Twin Speed, lever operated.

FLYWHEEL

5" Diameter fabricated in Steel with dished Spokes.

CABLE WINDING DRUM

Operated from the Crankshaft with Bevel Gears, including Internal Reduction Gears at 10-1 reduction for Cable winding and original Monkey Gear.

These engines were modeled on the two engines at Stowmarket, Suffolk.

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Section 9.0 BURRELL CRANE ENGINE

The Front Crane is fully operational from the Cab and is generally known as a Swanneck. The Cable Drum is driven by a Worm and Wheel and a pair of pinnions on the inside of the Flywheel.

Markie Precision Working Model

Price List 2006 (Sterling)

Scale: One to Ten

Fully Built - "Ready to Run"

	SPIRIT FIRED	COAL FIRED	GAS FIRED (Inclusive of Trailer)
Special Scenic	£2400	£2600	£2600
Ploughing Engine		£2600	£2600
Crane Engine	£2450	£2450	£2450
Road Roller	£2200	£2200	£2200
Road Locomotive	£2200	£2200	£2200
Agricultural Engine	£2200	£2200	£2200
Plough (Balance)			£575



Ready to Assemble Kits

	SPIRIT FIRED	COAL FIRED	GAS FIRED (Inclusive of Trailer)
Special Scenic	£2300	£2500	£2500
Ploughing Engine		£2500	£2500
Crane Engine	£2300	£2300	£2300
Road Roller	£2100	£2100	£2100
Road Locomotive	£2100	£2100	£2100
Agricultural Engine	£2100	£2100	£2100



Tony Pearce Designs

Two South Lodge, Catisfield, Fareham, Hampshire, England, PO15 5NG

Tel: (01329) 842559

Limited Production Means Greater Investment

Est. 1946

Gas Unit Sold Separately £255