

# The Miniature Railway Supply Co. Ltd.

(incorporating Scaleway Signals)

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## PRICE LIST

Quantity discount available as follows:

Rail	Track Kits	Track Panels
See relevant product details for discount structure		

  

Sleepers	Rail screws	1000 5%	4000 12.5%
Moulded plastic rail chairs		2000 7.5%	5000 15%
		3000 10%	

Steel Rail only supplied with the relevant qty of Fishplates, Fishbolts & Nuts

All prices quoted are Pounds Sterling (£) ex works and subject to delivery charge (where applicable) and VAT (current rate 15%)

Terms and conditions apply. Payment required prior to despatch or collection.  
Special payment terms may apply. All prices subject to change  
All sizes approximate. E & O E

**Visitors welcome by prior arrangement only. Please ensure that directions are obtained before travelling.**

**Price list – MAY 2009**

**VAT @ 15%**

16mm Aluminium Alloy Rail							
Price £ Per Metre				Accessories			
				Fishplates (flat pattern)	£1.00	/ pair	
				Fishbolts & Nuts M4	£7.82	/ 100	
Up to 20	metres	£2.52	/ metre	Lightweight pattern Fishplate	£3.48	/ set	
21 to 40	metres	£2.24	/ metre	Rail curving (2.5m length)	£1.50	/ length	
41 to 100	metres	£2.17	/ metre	Rail curving (4m length)	£2.40	/ length	
100+	metres	£2.02	/ metre	Rail end punching	£0.75	/ end	
Price £ per 2.5 metre length				Price £ per 4 metre length			
1 to 8	lengths	£6.30	/ length	1 to 5	lengths	£10.08	/ length
9 to 16	lengths	£5.60	/ length	6 to 10	lengths	£8.96	/ length
17 to 40	lengths	£5.42	/ length	11 to 25	lengths	£8.68	/ length
41+	lengths	£5.05	/ length	26+	lengths	£8.08	/ length
Bulk Rate: 300 metres+ supplied in multiples of 14 same length rails @ £1.97 per metre							

21mm Aluminium Alloy Rail							
Price £ Per Metre				Accessories			
				Fishplates (angle pattern)	£1.17	/ pair	
				Fishbolts & Nuts M4	£7.82	/ 100	
Up to 21	metres	£3.14	/ metre	Rail curving (3m length)	£1.50	/ length	
24 to 39	metres	£2.93	/ metre	Rail curving (4m length)	£2.40	/ length	
42 to 99	metres	£2.67	/ metre	Rail end punching	£0.75	/ end	
100+	metres	£2.53	/ metre				
Price £ Per 3 metre length				Price £ per 4 metre length			
1 to 7	lengths	£9.42	/ length	1 to 5	lengths	£12.56	/ length
8 to 13	lengths	£8.79	/ length	6 to 9	lengths	£11.72	/ length
14 to 33	lengths	£8.01	/ length	10 to 24	lengths	£10.68	/ length
34+	lengths	£7.59	/ length	25+	lengths	£10.12	/ length
Bulk Rate: 300 metres+ supplied in multiples of 10 same length rails @ £2.39 per metre							

US 1.5" Aluminium Alloy Rail							
Price £ Per Metre				Price £ Per 4 metre length			
Up to 28	metres	£4.95	/ metre	1 to 7	lengths	£19.80	/ length
32 to 52	metres	£4.62	/ metre	8 to 13	lengths	£18.48	/ length
56 to 132	metres	£4.22	/ metre	14 to 33	lengths	£16.88	/ length
136+	metres	£4.01	/ metre	34+	lengths	£16.04	/ length
Specifications				Accessories			
Available in	4	metre lengths		Fishplates (angle pattern)	£2.20	/ pair	
Standard pack quantity	10	rails		Fishbolts & Nuts M5	£8.50	/ 100	
Cutting tolerance +/-	3	mm		Rail curving	£4.50	/ length	
Finish: ends cold sawn & unpunched				Rail end punching	£1.50	/ end	
Bulk Rate: 350 metres + supplied in multiples of 10 same length rails @ 3.36 per metre							

Medium 32 Aluminium Alloy Rail							
Price £ Per Metre				Price £ Per 4.5 metre length			
Up to 31.5	metres	£5.84	/ metre	1 to 7	lengths	£26.28	/ length
36 to 58.5	metres	£5.45	/ metre	8 to 13	lengths	£24.52	/ length
63 to 148.5	metres	£4.97	/ metre	14 to 33	lengths	£22.36	/ length
153+	metres	£4.72	/ metre	34+	lengths	£21.24	/ length
Specifications				Accessories			
Available in	4.5	metre lengths		Fishplates (angle pattern)	£2.80	/ pair	
Standard pack quantity	10	rails		Fishbolts & Nuts M6	£11.50	/ 100	
Cutting tolerance +/-	3	mm		Rail curving	£6.00	/ length	
Finish: Ends cold sawn & unpunched				Rail end punching	£1.50	/ end	
Bulk Rate: 450 metres + supplied in multiples of 10 same length rails @ 3.96 per metre							

Fenlow Heavy Duty Aluminium Alloy Rail							
Price £ Per Metre				Price £ Per 4.5 metre length			
Up to 31.5	metres	£6.23	/ metre	1 to 7	lengths	£28.03	/ length
36 to 58.5	metres	£5.83	/ metre	8 to 13	lengths	£26.23	/ length
63 to 148.5	metres	£5.31	/ metre	14 to 33	lengths	£23.89	/ length
153+	metres	£5.04	/ metre	34+	lengths	£22.68	/ length
Specifications				Accessories			
Available in	4.5	metre lengths		Fishplates (angle pattern)	£2.20	/ pair	
Standard pack quantity	10	rails		Fishbolts & Nuts M5	£8.50	/ 100	
Cutting tolerance +/-	3	mm		Rail curving	£6.00	/ length	
Finish: Ends cold sawn & unpunched				Rail end punching	£1.50	/ end	
Bulk Rate: 450 metres + supplied in multiples of 10 same length rails @ 4.23 per metre							

Heavy 35 Aluminium Alloy Rail							
Price £ Per Metre				Price £ Per 4.5 metre length			
Up to 35	metres	£6.78	/ metre	1 to 7	lengths	£30.53	/ length
40 to 65	metres	£6.33	/ metre	8 to 13	lengths	£28.51	/ length
70 to 165	metres	£5.56	/ metre	14 to 33	lengths	£25.06	/ length
170+	metres	£5.09	/ metre	34+	lengths	£22.91	/ length
Specifications				Accessories			
Available in	5	metre lengths		Fishplates (angle pattern)	£2.80	/ pair	
Standard pack quantity	10	rails		Fishbolts & Nuts M6	£11.50	/ 100	
Cutting tolerance +/-	3	mm		Rail curving	£6.00	/ length	
Finish: Ends cold sawn & unpunched				Rail end punching	£1.50	/ end	
Bulk Rate: 500 metres + supplied in multiples of 10 same length rails @ £ 4.60 per metre							

2 lbs/yd Steel Rail (21mm high)													
Specifications			Price Per 3m Length										
Approx weight per 3m length	3.3	Kg	1 to 10	lengths	£11.98	/length							
Estimated weight per metre	1.1	Kg	11 to 20	lengths	£11.53	/length							
Approx yield rail per tonne	885	Metres	21 to 50	lengths	£10.66	/length							
Cutting tolerance +/-	10	Cm	51 to 100	lengths	£10.31	/length							
Finish: Ends bundle sawn, not holed for fishbolts			101 to 200	lengths	£10.13	/length							
			201 to 250	lengths	£ 9.88	/length							
Rail in "run of the bundle" condition as priced is not warranted straight or kink free.													
Accessories													
Fishplates (angle pattern)					£1.17	/pair							
Fishbolts & Nuts M4					£7.82	/100							
Rail normally only supplied with appropriate quantities of fishplates, fishbolts and nuts													
							Rail curving					£2.80	/length
							Rail end punching					£1.50	/end
Rail straightening					£3.80	/length							
Bundle rate (random weight bundles, please note estimated yield per tonne) @ POA per tonne													

US 1.5" Scale Steel Rail												
Specifications			Price Per 6m Length									
Approx weight per 6m length	10.56	Kg	1 to 10	lengths	£23.57	/length						
Estimated weight per metre	1.76	Kg	11 to 20	lengths	£22.46	/length						
Approx yield rail per tonne	568	metres	21 to 50	lengths	£21.39	/length						
Approx No lengths per tonne	94	pieces	51 to 130	lengths	£20.37	/length						
Cutting tolerance +/-	20	Cm	Accessories									
Finish: Ends cold sawn, not holed for fishbolts			Fishplates (angle pattern)		£2.20	/pair						
			Fishbolts & Nuts M5		£8.50	/100						
Rail normally only supplied with appropriate quantities of fishplates, fishbolts & nuts. Rail cutting charge applies only if rail ends are not punched for fishbolts												
									Rail curving		£6.25	/length
									Rail end punching		£2.50	/end
		Rail cutting charge		£1.80	/cut							
Bundle rate (random weight bundles, please note estimated yield per tonne) £1679.48 per tonne												

3kg/m (6lbs/yd) steel Rail (35mm high)												
Specifications			Price Per 6m Length									
Approx weight per 6m length	18.3	Kg	1 to 7	lengths	£ POA	/length						
Estimated weight per metre	3.05	Kg	8 to 14	lengths	£ POA	/length						
Approx yield rail per tonne	327	metres	15 to 33	lengths	£ POA	/length						
Approx No lengths per tonne	54	pieces	34 to 106	lengths	£ POA	/length						
Cutting tolerance +/-	10	Cm	Accessories									
Finish: Ends cold sawn, not holed for fishbolts			Fishplates (angle pattern)		£2.20	/pair						
			Fishbolts & Nuts M6		£11.50	/100						
Rail normally only supplied with appropriate quantities of fishplates, fishbolts & nuts. Rail cutting charge applies only if rail ends are not punched for fishbolts												
									Rail curving		£7.00	/length
									Rail end punching		£3.00	/end
		Rail cutting charge		£2.00	/cut							
Bundle rate (random weight bundles, please note estimated yield per tonne) £ POA per tonne												

4.4kg/m (9lbs/yd) Steel Rail						
Specifications			Price Per 6m Length			
Approx weight per 6m length	26.4	kg	1 to 7	lengths	£POA	/length
Estimated weight per metre	4.4	kg	8 to 14	lengths	£POA	/length
Approx yield rail per tonne	227	metres	15 to 31	lengths	£POA	/length
Approx No lengths per tonne	38	pieces	32+	lengths	£POA	/length
Cutting tolerance +/-	10	cm	Accessories			
Finish: Ends cold sawn, not holed for fishplates			Fishplates (angle pattern)		£3.85	/pair
Rail normally only supplied with appropriate quantities of fishplates, fishbolts & nuts.			Fishbolts & Nuts M10		£29.24	/100
			Rail curving		£8.50	/length
			Rail end drilling		£3.50	/end
Tonnage price = POA						

S7 (131/2 lbs/yd) Steel Rail (65mm high)						
Specification			Price Per 5m Length			
Approx weight per 5m length	35	kg	1 to 7	lengths	£48.83	/length
Estimated weight per metre	7	kg	8 to 14	lengths	£47.13	/length
Approx yield rail per tonne	142	metres	15 to 31	lengths	£45.85	/length
Approx No lengths per tonne	28	pieces	32+	lengths	£42.46	/length
Cutting tolerance	5	cm	Accessories			
Finish: Ends cold sawn, not holed for fishbolts			Fishplates (flat pattern)		£4.17	/pair
Rail normally only supplied with appropriate quantities of fishplates, fishbolts & nuts.			Fishbolts & Nuts M10		£29.24	/100
			Rail curving		£10.50	/length
			Rail end drilling		£4.50	/end
			Rail cutting		£3.50	/cut

<b>Straight track kits and ready to lay panels – standard gauge style</b>											
Rail profile & length of kit/assembled panel											
5/8" high alloy rail, 2.5m length				21mm high alloy rail, 3m length				2lbs/yd (21mm high) steel rail, 3m length			
5" G		7.25" G		5" G		7.25" G		5" G		7.25" G	
Number of sleepers per kit / assembled panel											
24		17		24		20		24		20	
Kit	Ass'd	Kit	Ass'd	Kit	Ass'd	Kit	Ass'd	Kit	Ass'd	Kit	Ass'd
Hardwood sleepers with rail screws											
£39.72	£53.45	£38.75	£48.47	£44.82	£58.55	£50.78	£62.22	£54.98	£68.71	£60.94	£72.38
Hardwood sleepers with plastic moulded chairs											
£43.80	£64.13	£41.64	£56.04	£48.90	£69.23	£51.78	£68.72	£59.06	£79.39	£61.94	£78.88
Recycled plastic sleepers with rail screws											
£40.68	£54.41	£41.13	£50.85	£45.78	£59.51	£53.58	£65.02	£55.94	£69.67	£63.74	£75.18
Recycled plastic sleepers with moulded plastic chairs											
£44.76	£65.09	£44.02	£58.42	£49.86	£70.19	£54.58	£71.52	£60.02	£80.35	£64.74	£81.68
Moulded plastic sleepers and chairs											
£31.80	£52.13	£32.97	£47.37	£36.90	£57.23	£41.58	£58.52	£47.06	£67.39	£51.74	£68.68

All kits and panels are supplied with **2 pairs of Fishplates**, a set **Fishbolts & Nuts** to suit, with all **rail ends punched** for Fishbolts. Sleepers are **pilot drilled** for rail screws.

Discount structure for Kits/panels	10+	20+	50+
	-5%	-7.5%	-10%

<b>Curved track kits and ready to lay panels – standard gauge style</b>											
Rail profile & length of kit/assembled panel											
5/8" high alloy rail, 2.5m length				21mm high alloy rail, 3m length				2lbs/yd (21mm high) steel rail, 3m length			
5" G		7.25" G		5" G		7.25" G		5" G		7.25" G	
Number of sleepers per kit / assembled panel											
24		17		24		20		24		20	
Kit	Ass'd	Kit	Ass'd	Kit	Ass'd	Kit	Ass'd	Kit	Ass'd	Kit	Ass'd
Hardwood sleepers with rail screws											
£42.22	£65.45	£41.25	£57.71	£47.32	£70.55	£53.28	£72.64	£59.98	£83.21	£65.94	£85.30
Hardwood sleepers with plastic moulded chairs											
£46.30	£76.14	£44.14	£67.20	£51.40	£81.24	£54.28	£80.24	£64.06	£93.90	£66.94	£92.90
Recycled plastic sleepers with rail screws											
£43.18	£66.41	£43.63	£60.09	£48.28	£71.51	£56.08	£75.44	£60.94	£84.17	£68.74	£88.10
Recycled plastic sleepers with moulded plastic chairs											
£47.26	£77.10	£46.52	£69.58	£52.36	£82.20	£57.08	£83.04	£65.02	£94.86	£69.74	£95.70
Moulded plastic sleepers and chairs											
£34.30	£64.14	£35.47	£58.53	£39.40	£69.24	£44.08	£70.04	£52.06	£81.90	£56.74	£82.70

**Curved kits and panels** have inside rails cut short to provide **square ends**. All kits and panels are supplied with **2 pairs of Fishplates**, a set **Fishbolts & Nuts** to suit, with all **rail ends punched** for Fishbolts. Sleepers are **pilot drilled** for rail screws.

Discount structure for kits/panels	10+	20+	50+
	-5%	-7.5%	-10%

Straight and Curved track kits and ready to lay panels – 5” Narrow Gauge style								
Sleeper size approx. 2” x 1” x 11.75”. Pitch 150 mm								
Rail profile and length of kit/assembled panel	21mm high alloy rail, 3m length				2lbs/yd (21mm high) steel rail, 3m length			
Gauge	5” NG Straight		5” NG Curved		5” NG Straight		5” NG Curved	
No. off sleepers per Kit/assembled panel	20		20		20		20	
	Kit	Ass'd	Kit	Ass'd	Kit	Ass'd	Kit	Ass'd
Hardwood sleepers with rail screws	£48.38	£59.82	£50.88	£70.24	£58.54	£69.98	£63.54	£82.90
Hardwood sleepers with plastic moulded chairs	£49.38	£66.32	£51.88	£77.84	£59.54	£76.48	£64.54	£90.50
Recycled plastic sleepers with rail screws	£52.18	£63.62	£54.68	£74.04	£62.34	£73.76	£67.34	£86.70
Recycled plastic sleepers with moulded plastic chairs	£53.18	£70.12	£55.68	£81.64	£63.34	£80.28	£68.34	£94.30

**Curved kits and panels** have inside rails cut short to provide **square ends**. All kits and panels are supplied with **2 pairs of Fishplates**, a set **Fishbolts & Nuts** to suit, with all **rail ends punched** for Fishbolts. Sleepers are **pilot drilled** for rail screws.

Discount structure for kits/panels	10+	20+	50+
	-5%	-7.5%	-10%

Cat Page	Item Description	Unit Price	Unit
	<b>Wooden Sleepers</b> (not drilled for fixings)		
4	3½ G, general purpose, hardwood, 1" x 1" x 10" approx	£0.44	each
4	5" G, narrow gauge style, hardwood, 1" x 2" x 11.75" approx	£0.80	each
4	5" G, general purpose, hardwood, 1" x 1" x 10" approx	£0.45	each
4	7¼" G, general purpose, hardwood, 1" x 2" x 14" approx	£0.95	each
4	10¼" G, (L/D), pressure treated softwood, 3" x 4" x 24"	POA	each
4	10¼" G, (H/D), pressure treated softwood, 2" x 3" x 22"	POA	each
	<b>Recycled Plastic Sleepers</b> (not drilled for fixings)		
4	5" G (also suitable for dual 3½" & 5" G), 7/8" x 1 1/8" x 10"	£0.49	each
4	5" G, narrow gauge style, 1" x 2" x 11.75"	£0.95	each
4	7¼" G (also suitable for dual 5" & 7¼" G), 1" x 2" x 14"	£1.09	each
4	7¼" G (also suitable for dual 5" & 7¼" G), 2" x 2" x 14"	£2.05	each
4	7¼" G, heavy duty, 3" x 3" x 18" approx	£3.25	each
	<b>Moulded Plastic Sleepers</b>		
4	5" G, size 15/16" x 1¼" x 10"	£0.45	each
4	3½" – 5" dual gauge, size 15/16" x 1¼" x 10"	£0.45	each
4	7¼" G, size 1" x 2" x 13 7/8"	£0.84	each
4	5" - 7¼" G dual gauge, size 1" x 2" x 13 7/8"	£0.84	each
	<b>Pressed Steel Sleepers and Fittings</b>		
4	7¼" G, 4-hole punched for rail clips, 4" x 18", corrugated style, galvanised	£3.76	each
4	10¼" G, 4-hole punched for rail clips, 4" x 24", corrugated style, galvanised	£4.29	each
4	15" G, 4-hole punched for rail clips, 4" x 31.5", corrugated style, galvanised	£7.11	each
4	4" wide corrugated steel sleeper bar for <b>point construction</b> , 3 metre length plain steel finish	£37.50	each
4	Rolled steel rail clips with tang, punched for M10 bolts / screws	£73.20	100
4	M10 cup headed clip bolt and nut for use with above rail clips	£22.10	100

A discount structure applies to the above items please see front cover for details.

Cat Page	Item Description	Unit Price	Unit
	<b>Rail Screws &amp; Moulded Rail Chairs</b>		
5	19mm long rail screws, small head, hex-headed with flange. For moulded plastic rail chairs.	£4.00	100
5	Moulded plastic rail chairs for 5/8" rail, spigot back, for use with moulded plastic sleepers only.	£8.70	100
5	Moulded plastic rail chairs for 21mm high rail, spigot back, for use with MP sleepers only.	£8.70	100
5	Moulded plastic rail chairs for 5/8" high rail, flat back, suitable for use with wood / RP sleepers.	£8.70	100
5	Moulded plastic rail chairs for 21mm high rail, flat back, suitable for use with wood / RP sleepers	£8.70	100
5	19mm long rail screws, large head, hex-headed with flange for 5" gauge use & hardwood sleepers	£4.00	100
5	25mm long rail screws, hex-headed with flange, BZP and gash point for 7¼" gauge hard & softwood sleepers	£7.00	100
5	32mm long rail screws, hex-headed with flange, BZP & gash point for 7¼" gauge hard and softwood sleepers.	£7.00	100
5	45mm long rail screws, hex-headed with flange, BZP & gash point for 7¼" gauge hard and softwood sleepers	£7.00	100
5	M10 x 70mm plated, hex-headed coach screws, to use with rail clips.	£17.00	100
	<b>Pup Pins &amp; Dog Spikes</b>		
5	Mini pup pins, suitable for 5/8" high alloy & large flat bottom brass rail, approx 18 x 2mm sq underhead, head 4mm sq. Approx. 150 off per 100g bag.	£3.04	bag
5	Pup pins, suitable for 3kg/m rail, 40 x 6mm. Packed in 25Kg box. (Approx. 80 per Kg)	£8.70	Per Kg
5	Dog spikes, to suit 4.4kg rail & larger, 50 x 8mm. Packed in 25kg box. (Approx 25 per Kg)	£4.65	Per Kg
5	Dog spikes, to suit 4.4kg rail & larger, 65 x 8mm. Packed in 25kg box. (Approx 19 per Kg)	£3.90	Per Kg
5	Dog spikes, to suit 4.4kg rail & larger, 65 x 10mm. Approx. 380 off per 25Kg box	POA	
5	Dog spikes, to suit 4.4kg rail & larger, 75 x 10mm. Approx. 310 off per 25Kg box	POA	
5	Dog spikes, to suit 10 Kg rail and larger, 90 x 10mm. Packed in 25Kg box. (Approx. 10 per Kg)	£3.90	Per Kg
5	Dog spikes, to suit 10 Kg rail and larger, 90 x 12mm. Packed in 25Kg sacks. (Approx. 7 per Kg)	£3.90	Per Kg

A discount structure applies to the above items please see front cover for details.

<b>Point Levers and Fittings</b>			
Cat. Page	Item Description	Unit Price	Unit
	<b>Small Lever for 5" g and Light Duty 7¼" g</b>		
6	Small point lever arm, raw casting	£15.35	each
6	Small point lever base, raw casting	£12.91	each
6	<b>Set of raw castings</b> , lever arm and base for <b>small</b> point lever	<b>£28.26</b>	set
6	Component kit for small point lever – comprising Set of raw castings (lever and base) plus finished components- self coloured (U bracket and cross pin)	£37.82	set
6	U Bracket for small point lever	£7.39	each
6	Cross Pin for small point lever	£2.18	each
6	<b>Finished Small</b> point lever, ready for use	£57.82	each
6	Connecting rod kit for small point lever, connects lever arm to tie bar - M6 with forked rod end	£5.65	each
6	Small point lever mounting kit, for attachment of point lever to extended sleepers	£12.61	set
-	<b>Large Lever for Heavy Duty 7¼" or 10¼" g</b>		
6	Large point lever arm, raw casting	£20.19	each
6	Large point lever base, raw casting	£21.98	each
6	<b>Set of raw castings</b> , lever arm and base for <b>large</b> point lever	<b>£42.17</b>	set
6	Component kit for large point lever – comprising Set of raw castings (lever and base) plus finished components- self coloured (U bracket and cross pin)	£71.74	set
6	U Bracket for large point lever	£25.65	each
6	Cross Pin for large point lever	£ 3.91	each
6	<b>Finished Large</b> point lever, ready for use	£91.73	each
6	Connecting rod kit for large point lever, connects lever arm to tie bar - M10 with forked rod end	£21.98	each
6	Large point lever mounting kit, for attachment of point lever to extended sleepers	£17.87	set



<b>Point Components – 5/8" high aluminium alloy rail</b>				
<b>5" Gauge</b>				
Standard L/H and R / H Points				
Cat. Page	Point Radius (ft)	Crossing Angle	Pair of Stock Rails	Pair of Blades
7	10	1 in 3½	£20.90	£26.80
7	15	1 in 4	£23.40	£30.00
7	20	1 in 5	£27.00	£34.60
7	30	1 in 6	£30.90	£36.00
7	40	1 in 7	£34.80	£39.10
7	55	1 in 8	£40.00	£44.80
Wye Points				
7	10	1 in 2½	£20.50	£26.10
7	15	1 in 3	£21.00	£26.80
7	20	1 in 3½	£23.50	£30.00
7	30	1 in 4	£27.00	£34.60
7	45	1 in 5	£31.90	£39.60
<b>7¼ Gauge</b>				
Standard L/H and R / H Points				
7	10	1 in 2½	£20.90	£26.80
7	12	1 in 3	£22.30	£28.10
7	15	1 in 3½	£23.40	£30.00
7	20	1 in 4	£27.00	£34.60
7	30	1 in 5	£30.90	£39.60
7	45	1 in 6	£36.80	£41.20
7	60	1 in 7	£41.50	£46.50
7	80	1 in 8	£47.20	£52.90
Wye Points				
7	15	1 in 2½	£20.50	£26.08
7	20	1 in 3	£20.90	£26.80
7	30	1 in 3½	£23.40	£30.00
7	40	1 in 4	£27.00	£34.60
7	60	1 in 5	£30.90	£39.60
<b>Other gauge specific components</b>				
Description	5" Gauge		7¼ Gauge	
Tie bar set including S/S blade brackets, screws, bolts & nuts	£14.50 per set		£16.50 per set	

For Cast Crossing Units, Fishplates, Fishbolts and Nuts, Rail Screws, Crossing timbers and Point Levers see separate price tables.

<b>Point Components – 21mm high aluminium alloy rail</b>						
<b>5" Gauge</b>						
Standard L/H and R/H Points						
Cat. Page	Point Rad.(ft)	Crossing Angle	Pair of Stock rails	Pair of Blades	Set of Closure rails	Pair of Check rails
7	10	1 in 3½	£26.20	£33.50	£20.30	£20.30
7	15	1 in 4	£29.30	£37.50	£21.10	£21.10
7	20	1 in 5	£33.80	£43.30	£23.90	£23.90
7	30	1 in 6	£38.70	£49.50	£25.80	£25.80
7	40	1 in 7	£43.60	£50.70	£31.20	£31.20
7	55	1 in 8	£50.00	£56.00	£33.60	£33.60
Wye Points						
7	10	1 in 2½	£26.60	£32.60	£15.60	£14.40
7	15	1 in 3	£26.20	£33.50	£19.50	£18.00
7	20	1 in 3½	£29.30	£37.50	£21.90	£20.30
7	30	1 in 4	£33.80	£43.30	£22.90	£21.10
7	45	1 in 5	£38.70	£49.50	£25.90	£23.90
<b>7¼" Gauge</b>						
Standard L/H and R/H Points						
7	10	1 in 2½	£26.20	£33.50	£15.60	£14.40
7	12	1 in 3	£27.90	£35.20	£19.50	£18.00
7	15	1 in 3½	£29.30	£37.50	£21.90	£20.30
7	20	1 in 4	£33.80	£43.30	£22.90	£21.10
7	30	1 in 5	£38.70	£49.50	£25.90	£23.90
7	45	1 in 6	£46.00	£51.52	£27.90	£25.80
7	60	1 in 7	£51.90	£58.20	£33.80	£31.20
7	80	1 in 8	£59.00	£66.10	£36.40	£33.60
Wye Points						
7	15	1 in 2½	£25.60	£32.60	£16.80	£14.40
7	20	1 in 3	£26.20	£33.50	£21.00	£18.00
7	30	1 in 3½	£29.30	£37.50	£23.70	£20.30
7	40	1 in 4	£33.80	£43.30	£24.60	£21.10
7	60	1 in 5	£38.70	£49.50	£27.90	£23.90

<b>Other gauge specific components</b>		
Description	5" G	7¼ G
Tie bar set including S/S blade brackets, screws, bolts & nuts	£14.50 per set	£16.50 per set
S/S blade tip slide plates (2 off required for each sleeper under blade).	£0.70 each	£1.10 each
Set of S / S stand up brackets & blade rubbing plates (2 sets required for each sleeper under blade)	£1.65 per set	£2.25 per set

For Cast Crossing Units, Fishplates, Fishbolts and Nuts, Rail Screws, Crossing timbers and Point Levers see separate price tables.

<b>Point Components – 2lbs/yd (21mm high) steel rail</b>						
<b>5" Gauge</b>						
Standard L/H and R/H Points						
Cat. Page	Point Rad.(ft)	Crossing Angle	Pair of Stock rails	Pair of Blades	Set of Closure rails	Pair of Check rails
7	10	1 in 3½	£32.70	£41.90	£19.10	£25.30
7	15	1 in 4	£36.60	£46.90	£19.80	£26.40
7	20	1 in 5	£42.20	£54.10	£22.40	£29.80
7	30	1 in 6	£48.40	£61.90	£24.20	£32.20
7	40	1 in 7	£54.50	£63.10	£29.20	£39.00
7	55	1 in 8	£60.30	£70.00	£31.50	£42.00
Wye Points						
7	10	1 in 2½	£32.00	£40.70	£15.00	£18.00
7	15	1 in 3	£32.20	£41.30	£19.50	£22.50
7	20	1 in 3½	£32.70	£41.90	£21.20	£25.30
7	30	1 in 4	£36.60	£46.90	£22.00	£26.40
7	45	1 in 5	£45.30	£56.00	£24.90	£29.80
<b>7¼" Gauge</b>						
Standard L/H and R/H Points						
7	10	1 in 2½	£32.70	£41.90	£16.50	£18.00
7	12	1 in 3	£34.90	£44.00	£21.40	£22.50
7	15	1 in 3½	£36.60	£46.90	£23.30	£25.30
7	20	1 in 4	£42.20	£54.10	£24.20	£26.40
7	30	1 in 5	£48.40	£61.90	£27.40	£29.80
7	45	1 in 6	£57.50	£64.40	£29.60	£32.20
7	60	1 in 7	£64.90	£72.70	£35.70	£39.00
7	80	1 in 8	£73.70	£82.60	£38.50	£42.00
Wye Points						
7	15	1 in 2½	£32.0	£40.70	£18.00	£18.00
7	20	1 in 3	£32.70	£41.90	£23.40	£22.50
7	30	1 in 3½	£36.60	£46.90	£25.40	£25.30
7	40	1 in 4	£42.20	£54.10	£26.40	£26.40
7	60	1 in 5	£48.40	£61.90	£29.90	£29.80

<b>Other gauge specific components</b>		
Description	5" G	7¼ G
Tie bar set including S/S blade brackets, screws, bolts & nuts	£14.50 per set	£16.50 per set
S/S blade tip slide plates (2 off required for each sleeper under blade).	£0.70 each	£1.10 each
Set of S / S stand up brackets & blade rubbing plates (2 sets required for each sleeper under blade)	£1.65 per set	£2.25 per set

For Cast Crossing Units, Fishplates, Fishbolts and Nuts, Rail Screws, Crossing timbers and Point Levers see separate price tables.

<b>Point Components – 3kg/m steel rail - 7¼ gauge only</b>								
Standard L/H and R/H Points								
Cat. Page	Point Rad. (ft)	Crossing Angle	Pair of stock rails	Pair of blades	Pair of Wing rails	Crossing nose assembly	Set of Closure rails	Pair of Check rails
7	10	1 in 2½	£65.40	£83.80	£47.80	£64.40	£33.10	£36.10
7	12	1 in 3	£69.80	£88.10	£49.10	£66.20	£42.80	£45.10
7	15	1 in 3½	£73.20	£93.80	£53.20	£72.20	£46.60	£50.60
7	20	1 in 4	£84.40	£108.20	£61.40	£83.40	£48.40	£52.80
7	30	1 in 5	£96.80	£123.80	£70.40	£95.40	£54.80	£59.60
7	45	1 in 6	£115.10	£128.80	£83.60	£113.20	£59.20	£64.40
7	60	1 in 7	£129.80	£145.40	£94.40	£128.10	£71.40	£78.10
7	80	1 in 8	£147.40	£165.20	£107.40	£145.40	£77.10	£84.10
Wye Points								
7	15	1 in 2½	£64.10	£81.40	£47.80	£64.40	£36.10	£36.10
7	20	1 in 3	£65.40	£83.80	£49.10	£66.20	£46.80	£45.10
7	30	1 in 3½	£73.20	£93.80	£53.20	£72.20	£50.80	£50.60
7	40	1 in 4	£84.40	£108.20	£61.40	£83.40	£52.80	£52.80
7	60	1 in 5	£96.80	£123.80	£70.40	£95.40	£59.80	£59.60

**Wing Rails** – come complete with spacers, bolts and nuts, and rail ends punched for fishbolts.

**Crossing Nose Assembly** – comes complete with nuts & bolts, and rail ends punched for fishbolts.

**Closure Rails** – consist of 4 items all cut to length, curved and with ends punched for fishbolts.

**Check Rails** – come complete with spacers, bolts & nuts.

<b>Other Components</b>	
Tie bar set including blade brackets, screws, bolts & nuts	£21.75 set
Blade tip slide plates (2 off required for each sleeper under blade)	£1.40 each
Set of stand up brackets and blade rubbing plates (2 sets required for each sleeper under blade)	£4.30 set

A cast iron Crossing Unit is available – see separate price table. The Crossing Unit will require a packing plate which is not included.

For fishplates, fishbolts & nuts, rail screws, crossing timbers and point levers see separate price tables.

<b>Crossing Timbers</b>		
Cat. Page	Description	£ per metre
7	Hardwood 1" x 1" x 3m approx	£3.15
7	Hardwood 2" x 1" x 3m approx	£6.07
7	Recycled plastic, 11/8" x 7/8" x 3m approx	£3.90
7	Recycled plastic, 2" x 1" x 3m approx	£7.65

<b>Points – ready to lay – sample prices</b>		
Cat. Pg	Extended sleepers and point control not included	£ each
7	5" g 21mm high alum. alloy rail, 10ft Std L/H or R/H	£310.64
7	5" g 21mm high alum. alloy rail, 15ft Std L/H or R/H	£319.15
7	5" g 21mm high alum. alloy rail, 20ft Std L/H or R/H	£336.17
7	5" 21mm high alum. alloy rail, 30ft Std L/H or R/H	£367.66
7	5" g 21mm high alum. alloy rail, 10ft symmetrical wye	£297.87
7	7¼g 21mm high alum. alloy rail, 45ft Std L/H or R/H	£421.30
7	5" narrow gauge 2lbs/yd steel rail, 15ft Std L/H or R/H	£376.17

<b>Crossing Units – to suit 21mm high &amp; 2lbs/yd rail</b>			
Cat. Pg	Crossing Angle	Cast Aluminium £ each	Cast Iron £ each
8	1 in 2½	£14.88	£17.32
8	1 in 3	£18.30	£22.23
8	1 in 3½	£20.28	£23.85
8	1 in 4	£21.65	£25.56
8	1 in 5	£23.08	£27.27
8	1 in 6	£24.51	£29.05
8	1 in 7	£29.12	£34.61
8	1 in 8	£30.80	£36.75

<b>Display track kits</b>		
Ct. Pg	Description	£ per kit
9	2.5" g, 18" kit	£23.04
9	2.5" g, 36" kit	£34.35
9	3.5" g, 1/2m kit	£31.30
9	3.5" g, 1m kit	£47.39
9	5" g, ½ m kit	£34.35
9	5" g, 1m kit	£51.74

All track kits include 2 lengths of bullhead rail, cast white metal chairs, screws, key material, sleepers, ballast (except 2½g kit) and assembly instructions.

<b>Display track components</b>			
<b>Sleepers, chairs and key strip</b>			
Cat. Pg	Description	£	Unit
9	2.5" g cast white metal chairs & key strip (28 per pack)	£13.48	pack
9	2.5" g sleepers	POA	
9	3.5" g cast white metal chairs & key strip (30 per pack)	£22.17	pack
9	3.5" g sleepers, fine grain pine	£0.40	each
9	5" g cast white metal chairs & key strip (18 per pack)	£16.96	pack
9	5" g sleepers, fine grain pine	£0.45	each
9	7.25" g cast white metal chairs & key strip (10 per pack)	£30.00	pack
9	7.25" g sleepers, fine grain pine	£0.84	each

<b>Display track components (cont'd)</b>			
<b>Rail</b>			
Cat. Pg	Description	£	Unit
9	2.5" g, brass chrome plated bullhead rail x 18" long	£2.55	each
9	2.5" g, brass chrome plated bullhead rail x 36" long	£3.83	each
9	3.5" g, aluminium bullhead rail x 1m long	£6.52	each
9	5" g, aluminium bullhead rail x 1m long	£7.83	each
9	7.25" g "Scale" steel or aluminium bullhead rail	POA	
<b>Fishplates</b>			
9	2.5" g, dummy cast white metal	£1.52	set
9	3.5" g, dummy cast white metal	£1.74	set
9	5" g, dummy cast white metal	£1.96	set
9	7.25" g, dummy cast white metal	£3.91	set

<b>Scale locomotive lamp kits</b>			
Cat. Pg	Description	£	Unit
10	3.5" g, GWR headlamp	£8.26	each
10	3.5" g, BR headlamp	£8.26	each
10	3.5" g, LMS headlamp	N/A	
10	5" g, GWR headlamp	£13.91	each
10	5" g, BR headlamp	£13.91	each
10	5" g, LMS headlamp	£13.91	each
10	7.25" g, GWR headlamp	£25.65	each
10	7.25" g, BR headlamp	£22.17	each
10	7.25" g, LMS headlamp	£25.65	each
10	7.25" g, GWR tail lamp	£33.04	each

<b>Scenic Garden Railways – 0 gauge, gauge 1, 2½" gauge &amp; 3½" gauge as appropriate</b>			
Cat. Pg	Description	£	Unit
	Small bullhead brass rail, Dims: height 5mm, head 2,4mm, Length 915mm	£1.19	Per length
	Moulded plastic slide on chairs to suit small bullhead brass rail	£3.23	60 pcs
	Fishplates to suit small bullhead brass rail	£1.70	10 pcs
	Small flat bottom brass rail, Dims: height 5,5mm, head 2,5mm, Length 915mm	£1.70	Per length
	Moulded plastic slide on chairs to suit small flat bottom brass rail	£3.23	60 pcs
	Fishplates to suit small flat bottom brass rail	£2.13	10 pcs
	Large flat bottom brass rail, Dims: height 8,5mm, head 3,3mm, Length 915mm	£3.40	Per length
	Large flat bottom brass rail, Dims: height 8,5mm, head 3,3mm, Length 1.5m	£5.11	Per length
	Moulded plastic slide on chairs to suit large flat bottom brass rail	£3.23	60 pcs
	Fishplates to suit large flat bottom brass rail	£2.55	10 pcs

<b>Signs</b>		
<b>Cat. Pg</b>	<b>Cast Aluminium Signs</b>	<b>£ each</b>
11 & 12	Beware of Trains (small)	£9.56
11 & 12	Crossing no Gates (small 0-6-0)	£12.17
11 & 12	Crossing no Gates (small 4-6-0)	£12.17
11 & 12	SW	£8.69
For prices for the following Signs contact The Engineers Emporium 01455 220340		
11 & 12	Beware of Trains (medium)	
11 & 12	Beware of Trains (large)	
11 & 12	Crossing no Gates (large)	
11 & 12	Limit of Shunt	
11 & 12	Whistle (small)	
11 & 12	Station Master	
11 & 12	Waiting Room	
11 & 12	Shut the Gate	
11 & 12	Private	
<b>Steel profile signal arms and speed signs</b>		
11 & 12	Speed Sign 3 (small)	£5.22
11 & 12	Speed Sign 5 (small)	£5.22
11 & 12	Speed Sign 10 (small)	£5.65
11 & 12	Speed Sign 15 (small)	£6.08
11 & 12	Speed Sign 20 (small)	£6.08
11 & 12	Speed Sign 25 (small)	£6.08
11 & 12	SW (small)	£6.08
11 & 12	GWR lower quadrant home signal arm	£6.08
11 & 12	GWR lower quadrant distant signal arm	£6.08
11 & 12	Upper quadrant home signal arm	£6.08
11 & 12	Upper quadrant distant signal arm	£6.08
11 & 12	Signal Bracket	£8.26
	Direction Arrow	£3.48
11 & 12	Speed Sign 5 (large)	£10.43
11 & 12	Speed Sign 10 (large)	£12.17
11 & 12	Speed Sign 15 (large)	£12.17
11 & 12	SW (large)	£12.17

**5" Gauge Disc Signal Kit £33.48**

<b>Turntable Rings Rails</b>		
Made to Order	Any diameter	Any rail section

<b>New Items</b>			
<b>Buffer Stop Kits</b> (laser cut parts only)			
To suit 5/8" high rail			
5" Gauge	£23.48	7.25" Gauge	£29.13
To suit 21mm high (2lb/yard) rail			
5" Gauge	£23.48	7.25" Gauge	£29.13
<b>Steam Raising Fan</b>		£36.96	

### The Engineers Emporium

These products which are shown on catalogue pages 13 & 14 are supplied by the above company, please contact them on 01455 220 340 for price and delivery quoting the Order Ref number.

Product	Order Ref	Product	Order Ref
<b>Colour Light Signals</b>		Heavy duty unbraked, 7¼" g	BOGS7UB
1 aspect - R	1 aspect	Heavy duty unbraked, 10¼" g	BOGS10UB
1 aspect - W	1 aspect	Heavy duty braked, 7¼" g	BOGS7B
1 aspect - Y	1 aspect	Heavy duty braked, 10¼" g	BOGS10B
2 aspect - Y/R	2 aspect	<b>Solid Machined Wheels</b>	
2 aspect - R/G	2 aspect	3.5" dia	WH3514SS
2 aspect - G/Y	2 aspect	5" dia	WH522SS
3 aspect - G/Y/R	3 aspect	6" dia	WH628SS
4 aspect - Y/G/Y/R	4 aspect	6" American style	WH6AMNG
Buffer 5" g	BUFF5	8" dia	WH832SS
Buffer 7¼" g	BUFF7	<b>Axles</b>	
Heywood Couplings 5" g	HEY5	5" axle, 3½" wheel	5AX351410
Heywood couplings 7¼" g	HEY7	7¼" axle, 5" wheel	7AX52214
Bearings	State size	7¼" axle, 6" wheel	7AX62817
<b>Bogies</b>		7¼" axle, 6" American wheel	AX67AMNG
Light duty, 5" g	BOG5AE	<b>Spoked Cast Iron Wheels</b>	
Light duty, 7¼" g	BOG7AE	85mm dia, 10 spokes	
Med duty unbraked, 5" g	BOG5AUB	125mm dia, 10 spokes	
Med duty, unbraked, 7¼" g	BOG7AUB	110mm dia, 12 spokes	
Med duty braked 5" g	BOG5AB	155mm dia, 12 spokes	
Med duty, braked 7¼" g	BOG7AB		

<b>Selected Products from the Scaleway Signals Range</b>		
<b>Cast Aluminium Signs (supplied unpainted)</b>		
Description	Dim (mm)	£'s each
GWR "Sound Whistle" small	247 x 160	20.87
GWR "Sound Whistle" large	372 x 243	33.48
GWR Signal Box Door Notice (small)	140 x 108	14.35
GWR Signal Box Door Notice (large)	270 x 205	23.04
GWR "Beware of Trains"	223 x 163	18.69
Level	295 x 100	16.96
Whistle	295 x 100	16.96
Fare Plate with slot for Price Insert Plate	274 x 118	19.57
Price Insert Plate for above	95 x 40	5.66
Warning Triangle (small) 25mm dia post	150 x 150	15.22
Warning Triangle (large) 35mm dia post	150 x 150	16.96
Crossing No Gates (small) post mounted	170 x 100	16.08
Crossing No Gates (large) post mounted	255 x 155	21.74
Level Crossing (small) post mounted	170 x 100	16.08
Level Crossing (large) post mounted	255 x 155	21.74
Heritage Road Crossing Kit (small) 1.2m high c/w triangle, pole sign and base	Machined for self assy	56.08
Heritage Road Crossing Kit (large) 1.4m high c/w triangle, pole sign and base	Machined for self assy	76.09
Driver Beware Sign - Cats	170 x 110	14.35
Driver Beware Sign - Dogs	170 x 110	14.35
Driver Beware Sign - Hedgehogs	170 x 110	14.35
GWR Shelf Bracket	260 x 260	22.17
GWR Fire Bucket Holder	130 x 110	12.61
Mini - Stop Look Listen		10.87
Mini - Trains Cross Here		10.87
Mini - Beware of Trains		10.87
Mini - Prize Length		8.70
Driver Beware Sign - Cats - post mounted	170 x 110	16.09
House Number Plate - Single Number		20.87
House Number Plate - Double Number		24.78
Caution - Large - Passengers etc		28.26
Large 2 ½" dia Cap type Warning Triangle		24.78