

## Forestry Timber Trailers

Forestry trailers with demountable cranes for all applications with capacities from 8.5 to 13 tons and cranes up to 7.5 metres reach



The Ryetec forestry timber forwarding trailers offer a premium machine, designed and manufactured to operate reliably for years in the toughest conditions.

With a choice of capacities:-

- 8.5 and 10 tons with an effective load area of 1.8m<sup>3</sup>
- 11 tons with an effective load area of 2.35m<sup>3</sup>
- 13 tons with effective load area of 3.4m<sup>3</sup>



Choice of telescopic or folding support legs.

Modest width requirements - 2.05 m maximum width.

1.8x1.8m special steel central frame supports full loads.

Fold-down support legs made from 100 x 100 mm square-section tubes.: reinforced to withstand high loads.

The positions of the hydraulic cylinders are well protected, in order to prevent damage by impact.

The hydraulic cylinders on the fold-down legs are positioned for maximum protection

The fold-down support legs retract to a position completely inside the profile of the headboard.

Designed by FEM analysis for maximum strength, economy of materials and low weight.

Hub motor operation is an option (enables the trailer to move more easily under difficult conditions).

Large wheels provide excellent load-carrying capacity, reducing the rolling resistance of the trailer and therefore reducing the load on the tractor.

Large, practical container for chain saw and oil container.

Steerable front joint as standard, increases accessibility in the forest

Hinged stakes protect trees from impact by unloaded trailer.

Larger loading space with wider supports and frame extension for a better economy when transporting brushwood.

**RyeteC Industrial Equipment Limited**

**Mill House , A64 East Knapton, Malton, YO17 8JA**

**Tel: 01944 728186 www.ryetec.co.uk Email: info@ryetec.co.uk**

<b><u>SPECIFICATIONS</u></b>	Trailer 8.5 ton	Trailer 10.0 ton	Trailer 11.0 ton	Trailer 13 ton
Maximum load	8.5 ton	10.0 ton	11.0 ton	13ton
Standard crane;	5.3 m	6.3 m	6.7 m	6.7
it is possible to install a crane up to 7.5 m1				
Effective load area	1.80 m2		2.35 m2	3.4m2
Chain saw box	Extra equipment		Yes/standard	
Gate			Yes/standard	
Gate height	1 100 mm		1 400 mm	
Stake height	1 100 mm		1 400 mm	
Dimensions on stakes			89 x 6 mm	
Stake extensions		No, stakes are in one piece		
Divider stakes, for timber sorting			Extra equipment	
No. of bolsters	2		3	4
More bolsters can be fitted			Yes	
Hydraulic support legs		Yes/standard folding legs		
Telescopic support legs		Extra equipment		
Trailer steering		Yes/standard		
No. of steering cylinders	1		2	
Max. steering angle		40° to both left and right		
Towing eye to tractor		Forged towing eye for hitch connector		
Lubricatable bushings or link bearings in all joints			Yes/standard	
Diameter of steering pivot			70 mm	
Bogies			Yes/standard	
Tip angle of bogies			+/- 30°	
Axle separation			995 mm	
Distance on bogie from centre of front axle to centre of pivot			530 mm	
Track width			1 622 mm	
Tyre size standard		400/60 x 15.5	400/60 x 15.5	14-ply
Other sizes available to order		14-ply		tractor tread
Brakes, drum or disc			Extra equipment	
Number of hydraulic outlets required		2 double-acting, Extra equipment available to enable use with 1 single-acting and 1 return		
Brake hoses run fully protected in frame or substantial steel tubes			Yes/standard when trailer is fitted with brakes	
Support foot			Extra equipment	
Hydraulic wheel drive			Extra equipment	
Stub shaft dimension	70 x 70 mm		80 x 80 mm	
Central frame of special steel	180 x 180 x 5 mm	180 x 180 x 8 mm	180 x 180 x 10 mm	180x180x10mm
Loading width at bottom of load area			910 mm	
Loading width at top of stakes			1 830 mm	
Loading width at top of stakes for brushwood equipment			3 000 mm	
Overall height including crane at hitch height 400 mm; this dimension depends on the height of the tractor hitch hook	About 2 668 mm	About 2 968 mm	About 2 773 mm	
Recommended tractor power for full load	45 hp and up	60 hp and up	65 hp and up	70hp and up
Weight, complete timber trailer	2 170 kg	2 345 kg	2 570 kg	
Weight complete, without crane and 3-point adaptor	1 360 kg	1 495 kg	1 555 kg	

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