



Strong, practical, easy to use, lightweight and robust.

MAIN FEATURES		
	ST50	ST50L
Engine		
Manufacturer	Hatz	
Principle	Diesel Turbo - Stage V	
Performance	55 kW - 75 Hp	
Cylinders	4	
Fuel tank	23,5 l	30 l
Data for each hoisting winch		
Tensile force at 60 m hoisting height	50 kN	
Speed of hoisting cable	max. 3 m/s	
Hoisting cable		
Cable diameter	13 mm	
Max. Cable length	120 m	
Predisposition for NL	✘	✓
Weight	1150 kg (*)	1235 kg (*)
Weight NLST50 with connection bar	725 kg	

(*) Weight without resources (approx. 50 kg)

The development of the Skytiger is based on the practical application experience in forestry. Therefore it meets all special requirements for ropeways used in forestry.

Features

- ✓ Robust and stable body
 - ✓ Industrial engine - high reliability and compliance with the currently applicable emission regulations (Stage V).
 - ✓ High quality with all materials and components
 - ✓ One of the lightest carriages in its class
 - ✓ Bolted suspension arms to accommodate different types of cable saddles
 - ✓ Wide cable entry:
 - For winding long cable slings
 - No twisting of the load
 - Maximal hoisting of the load
 - Protecting the hoisting cable
 - ✓ Crush zone below the traction group
 - ✓ Traction cable guide provided for retracting cable
 - ✓ Can be used as rear carriage with any other carriage
 - ✓ Can be used as main carriage with rear carriage
- Can be used in combination with spring-mounted cable saddle "Fast Runner":
- Slightly curved tracks
 - Fast and gentle crossing of supports

Safety

- ✓ Motorized carriage:
 - Protecting the cable due to own hoisting winch
 - Direct commands by the operator
 - Short reaction time of the machine
 - Automatic brake of the hoisting winch
 - Acoustic signal at overload
- ✓ Safety device against cable failure:
 - Recognition of overspeed
 - Closing of suspension cable brake
 - Automatic lowering of load
 - Works also with shut-down engine

Typical applications

- ✓ Hauling of timber uphill or downhill
- ✓ With yarder or with conventional cable lines
- ✓ Working by gravity or with circular drive
- ✓ In alternating terrain



Cable saddle „Fast Runner“



Skytiger NL50

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