Ladog T1400

Multipurpose transporter

The Schmidt Ladog T1400 combines a high payload with a compact design and closes the gap between small municipal vehicles and large implement carriers. With a spacious loading area, a comfortable cab and a maximum permissible gross weight of 6,000 kg, it is perfect for year-round use in road and cycle path maintenance.

Highlights

- Balanced vehicle geometry for **high performance and high load capacity**
- **Powerful and high-quality hydraulic components** for demanding tasks
- **Robust all-wheel drive technology** for challenging working conditions
- **Can be used all year round** with attachments for winter service, mowing and maintenance tasks
- Comfortable driver's cab with **excellent visibility and ergonomic operation**

Your benefits

- **Maximum flexibility:** Suitable for a wide range of attachments and applications
- **Increased productivity:** High performance enables efficient work, even on large areas
- **Safe working:** Stability thanks to all-wheel drive and low centre of gravity for safe operation
- **Comfort:** Large cab with optimum visibility and ergonomic controls for comfortable working
- **Gentle on the ground:** Sophisticated vehicle technology and all-wheel steering prevent damage to the ground and protect sensitive surfaces

Performance features

Drive

Schmidt Ladog T1400 transporters are equipped with modern, environmentally friendly diesel engines from HATZ or VM. They comply with the latest emission standards (Stage V and EURO 6c / 6e) and meet current noise regulations. This ensures an efficient, powerful and low-emission drive solution. For the Ladog T1400, the following engine variants are available:

- **Diesel engine HATZ EU Stage V (T5)**
  55.4 kW (75 hp) at 2,300 rpm, 244 Nm at 2,100 rpm
- **Diesel engine VM EURO 6c**
  84 kW (113 hp) at 3,000 rpm, 420 Nm at 1,100 rpm
- **Diesel engine VM EURO 6e**
  100 kW (136 hp) at 2,700 rpm, 500 Nm at 1,100 rpm

The Ladog T1400's drive system combines the engine with a powerful hydrostatic transmission for stepless power delivery, permanent all-wheel drive with self-locking differentials on the front and rear axles, and a fully lockable central differential. This provides maximum traction and high pulling power even at low speeds. The sensitive hydrostatic control allows precise and confident handling – even under challenging terrain conditions.

Working hydraulics

Depending on the specific requirements, various high-quality hydraulic systems are available – ranging from a simple gear pump hydraulic system to a powerful proportional hydraulic system with multiple drive circuits, load-sensing control and joystick operation:

- 2-circuit gear pump hydraulics: 63 l/min front, 50 l/min rear, 200 bar
- 2-circuit proportional hydraulics: 63 l/min front and rear, 250 to 315 bar peak pressure
- 3-circuit proportional hydraulics: 63 l/min front and rear, 50 l/min front/rear, 250 to 315 bar peak pressure
- High-performance proportional hydraulics: 120 l/min front, 420 bar, 50 l/min gear pump hydraulics for steering and control functions, 200 bar

With proportional hydraulics, circuits can optionally be combined into a summation configuration. This provides up to 113 l/min or 126 l/min for the front hydraulics at a peak pressure of up to 315 bar.

Frame

The torsion-resistant double-frame construction made from closed rectangular steel profiles provides the foundation for maximum stability and durability. The chassis, manufactured in-house, is based on a robust ladder frame capable of safely absorbing high forces and payloads. The engine is positioned between the axles under the platform, ensuring an optimal centre of gravity for smooth, controlled handling. Before assembly, the frame is sandblasted and powder-coated to provide long-lasting protection against corrosion and harsh operating conditions.

Workplace

The ergonomically designed cab provides excellent driving comfort, optimal visibility, and intuitive operation. The spacious interior allows plenty of room to move despite the compact exterior dimensions. At the same time, outstanding all-round visibility – particularly of front-mounted attachments – ensures precise work. Clearly arranged controls and a multifunction display with prominent warning indicators make it easy to monitor all essential information and operate the machine safely at all times.

Applications

The Schmidt Ladog T1400 combines high power reserves, permanent all-wheel drive, and versatile attachment compatibility. Its compact design, balanced weight distribution, and wide range of attachments allow it to be quickly configured for a variety of tasks.

Winter Operations

The Ladog T1400 convinces in winter service with high power reserves, permanent all-wheel drive and precisely matched hydraulics. Its compact front dimensions allow powerful snow ploughs and snow blowers to be mounted with ease. The large loading platform and high payload capacity provide ample space for mounted spreaders.

Mowing & Grounds Maintenance

The Ladog T1400 is the ideal solution for demanding green spaces. High area performance and versatile attachments – including suction-equipped flail mowers, rotary mowers, and boom arms with flail mowers or hedge cutters – ensure efficient maintenance. Permanent all-wheel drive and balanced weight distribution provide optimal traction with minimal ground impact, even on challenging terrain.

Sweeping

Equipped with sweeping units, the Ladog T1400 cleans roads, paths and public spaces efficiently. Depending on requirements, 2- or 3-brush systems, front-mounted roller brushes or weed brushes are available. Debris is guided directly into the hopper via a central channel system. An optional hand suction hose allows cleaning of hard-to-reach areas.

Flushing, Watering & Intensive Cleaning

The Ladog T1400 can be fitted with flushing, watering and cleaning systems for a wide range of applications. Flushing units with laterally extendable rails provide a large working width and can be complemented by spray or high-pressure lances. Water tanks with capacities of up to 2,500 litres supply the system via integrated pipework within the frame. A dedicated watering system enables targeted irrigation directly from the vehicle.

Hooklift System

The hooklift body enables the quick transport and exchange of skips and containers. Mini excavators or building materials can be loaded at ground level and transported safely. Bodies can be prepared independently of the vehicle and mounted without additional assistance, significantly expanding operational flexibility.

Related products

Ladog T1150

Multipurpose transporter

Ladog T1250

Multipurpose transporter

Ladog T1700

Multipurpose transporter

Technical data

Drive system - Engine	
Engine type	4H50TICD
Number of cylinders	4
Emissions standard	Stage V
Fuel	Diesel
Rated power	55.4 kW (75 HP) @ 2,300 1/min
Max. torque at speed	2,100 1/min @ 244 Nm
Axle drive	Perm. four-wheel drive
Drive system - Engine 2	
Engine type	FCA R754EU6C
Number of cylinders	4
Emissions standard	Euro 6c
Fuel	Diesel
Rated power	84 kW (113 HP) @ 3,000 1/min
Max. torque at speed	1,100 1/min @ 420 Nm
Axle drive	Perm. four-wheel drive
Drive system - Engine 3	
Engine type	FCA R754EU6EH
Number of cylinders	4
Emissions standard	Euro 6e
Fuel	Diesel
Rated power	100 kW (136 HP) @ 2,700 1/min
Max. torque at speed	1,100 1/min @ 500 Nm
Axle drive	Perm. four-wheel drive
Hydraulic system	
Working hydraulics (1st circuit)	63 l/min / 200 bar or 63 l/min / 250 bar - 315 bar
Working hydraulics (2nd circuit)	50 l/min / 200 bar or 63 l/min / 250 bar - 315 bar
Working hydraulics (3rd circuit - optional)	50 l/min / 250 bar - 315 bar
High performance hydraulics flow rate (optional)	120 l/min / 420 bar and 50 l/min / 200 bar
Brakes	
Brakes	Dual-circuit hydraulic disc brake system with load-sensing on the rear axle
Dual-circuit brake system	yes
Steering	
Front steering	yes
All-wheel steering	option
Front-wheel steering turning circle radius	4,900 mm
Four-wheel steering turning circle radius	3,150 mm
Equipment	
Air conditioning	option
Multifunction control lever	yes
Speed	
Transportation speed	30 / 40 / 45 / 50 / 60 / 61 km/h
Dimensions	
Width by tyres	1,490 mm
Width by cabin	1,400 mm
Height by cabin (dependent on tire & load)	2,280 mm
Length	3,770 / 3,835 mm
Wheelbase	2,400 mm
Weights	
Empty weight without mounting	2,800 kg
Permissible overall weight approx. (with corresponding standard equipment)	6,000 kg
Max. permissible front axle load	3,000 kg
Max. permissible rear axle load (tyre dependent)	3,000 kg

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