

**SKIPLOADER ST**

**SPEED AND  
FLEXIBILITY TO  
TAKE ON COMING  
CHALLENGES**



# TELESCOPIC SKILOADERS SPEED AND FLEXIBILITY TO TAKE ON COMING CHALLENGES

Skiploaders are generally used in urban environments to transport rubble or waste. Their design must therefore be adapted to this environment, where speed and flexibility are essential to access small spaces and avoid traffic disruption. PALFINGER's skiploader offers a wide space between the telescopic arms to facilitate handling of loads. Even with the most badly positioned containers, operators can work with speed and precision thanks to the smooth and intuitive controller.

The ST is ideally suited to chassis from 18 to 26 t GVW. It can handle skips of up to 18 t for loading, unloading and tipping.

The technology level of the equipment is adapted to the needs and applications: The TEC series offers the latest innovations in safety, comfort and performance, with more options and configurations possible. The SLD series meets the basic requirements of a skiploader, with simple configuration options to get to the essentials.

The ideal weight / capacity ratio to maximise the efficiency of the chassis is always at the heart of the design, as well as operator comfort and body-builder's optimum mounting time. The PALFINGER range of skiploaders is ready for emerging challenges. The ST TEC range is fully adapted to electric truck constraints and the latest safety requirements.







# SLD OR TEC LINES

## OPTIONS DESIGNED FOR YOU

Whether the priority is to make daily work easier and more efficient, to increase safety or to work as comfortably as possible, PALFINGER constantly seeks to provide state-of-the-art solutions by offering several options to upgrade equipment. Add a concentrate of PALFINGER's skiploader expertise from the outset of ownership or later through retrofit.

The SLD & TEC lines feature different performance levels and offer a wide range of functions and solutions. These lines bring with them the possibility to meet the customers' needs as closely as possible, with clear differentiation according to technical features. SLD will provide the very essential needs for a skiploader. TEC line offers more comfort and performance for the daily-job.



### SILENT MODE

Whether it's to keep a sleepy street quiet or to reduce the sound level of a noisy site, the "Silent mode" option improves working conditions while maintaining a high level of safety. The traditional buzzer is replaced by three flashing lights to warn of possible arm movement. Perfect for electrified trucks to maintain silent working conditions.



### EASY ACCESS ON RIGHT AND LEFT SIDE

Different types of ladders are offered for an easy access to the platform on both sides of the truck. Tilttable or pull out versions are easy to deploy and the handrail secures the access. Combinations of version and sides are offered as well to adapt to every need.



### RAPID MOTION

The rapid motion option increases the performance and saves time during the container handling. More daily rotations are possible with less down time and drivers avoids blocking the location for longer than necessary. It reduces the cycle time by 50%, enabling high speed operation while extending cylinders.





To take full advantage of your equipment's performance, ergonomic and practical control systems are essential. That's why the ST range is available with a radio control and an external control.

### RADIO REMOTE CONTROL

The radio remote control enables complete visibility of the work area. It allows intuitive activation of the movements for maximum precision and convenience thanks to bi-speed operations. The operator can have a wide angle view of the rear of the truck and the container. He can easily check the surroundings while operating.

### EXTERNAL FULL CONTROL

Fully functional external control with dead-man function to have quick access to all functions including the emergency stop system and when radio control is not authorised on sensitive sites. The robust design guarantees a high reliable daily usage even in harsh environments.



### HIGH VISIBILITY

A wide and clear view is key when it comes to secured operations. The operator can count on 2 additional working lights and a mirror that can be factory-fitted to increase visibility. The mirror is useful to check the condition of the lifting chains at the opposite side of the truck while using the outside direct actuation or the Radio control. The additional working lights facilitates daily tasks even in darkness or bad weather conditions.



### USER FRIENDLY FRONT WALL DESIGN

Experience a front wall designed for comfort and ease of use. Integrated work lights and smart design maintain rear visibility from the cab. Tools are easy to grip, and a high board is available to further protect the cab. The front wall is factory-fitted to benefit from an integrated design (including factory fitted oil tank) and save mounting time.



### CONNECTED

Thanks to the user-optimised views FLEET MONITOR, OPERATOR MONITOR and SERVICE COCKPIT in PALFINGER CONNECTED, the back office and crane operator are connected at all times. Each user receives the relevant information about the device at a glance and can achieve maximum uptime for devices with the least possible administrative effort.



## PALCOVER TARPING SYSTEM

The PALCOVER SR tarping system makes the covering of containers safe and easy. It ensures a frictionless covering of container loads and therefore provides a secured solution for open top containers. Drivers and all other road users can be more confident as the risk of the load flying away is reduced.



## COMBINED GUIDANCE WITH STABILITY

Up to 9 locking devices located at strategic points on the platform can be combined. Mechanical stops guide the container during operations and the hydraulics locking system increases the stability during transport.



## BOLTED TIPPING HOOK FOR EASY SERVICE

Independent and large bolted tipping hooks for reliable picking up, easy repair and reduced downtime. The bolted solution allows the easy renewal and addition of tipping hooks when retrofitting.



## HIGH TIPPING IN FULL SAFETY

Allows contents to be transferred easily and safely from one container to another. The operator's safety is ensured by the integrated functionality of the cable anchorage points and the remote activation via the radio control.



## CHAINS TO PERFORM

It's important to work with quality accessories to ensure day-to-day performance. If the handling of different types of containers for multi-purpose operations is planned, shorter chains will be an ideal ally for stabilising tipping operations, especially if the chain locking option is selected. A forged latch will add more reliability, strength and reduce maintenance costs. Treated lifting chains will improve the durability of the equipment.



## OVERLOAD INDICATOR

Smooth loading operations are guaranteed thanks to the visible overload indicator on the fixed control and the visual alert on the radio control. The vehicle is sure to be travelling in compliance with loading regulations. Unnecessary damage to the chassis is also avoided, reducing vehicle downtime and the associated costs (penalties for overloading, etc.).



## CANBUS TRUCK COMMUNICATION

CANbus "Truck communication" system optimises engine speed to limit fuel consumption and increases the equipment performance. The operator and his environment are less exposed to noise and CO2 emissions if the engine speed is adapted to its exact needs.

# STRONG SERVICE PARTNER WORLDWIDE



For PALFINGER, as a premium manufacturer, service means more than technical support, service is our promise of quality. Our partners are continuously trained and evaluated to always offer the highest level of quality. We take care of the fastest possible availability of spare parts and the development of digital tools that make everyday working life easier.

Your success is important to us. In order to meet the expectations of our customers, our partners and we are around the globe available with around 5,000 service points.

To optimize your business performance, by reducing machine downtimes and repairs costs, we offer you the PALFINGER Service Contracts from 1 to 6 years.

- Outsourced service with an authorized PALFINGER workshop
- Boost product uptime with preventive maintenance
- Full control and transparency of ongoing costs
- Increased resale value
- Maximised product turnover
- Reduced product life costs by up to 37 % when your product is protected with a full PALFINGER Service Contract
- Extended product service life

## TECHNICAL SPECIFICATIONS

	ST 14	ST 18
STANDARD	NF - DIN - CHEM	
LIFTING CAPACITY	14 t	18 t
TRUCK GVW	18 - 21 t	21 - 26 t
UNIT LENGTHS	3800 - 4200 - 4600 mm	4400 - 4800 - 5200 mm
TRANSPORT HEIGHT	310 mm	350 mm
OVERALL WIDTH	2530 mm	
CONTAINER LENGTHS	3000 to 4500 mm	3000 to 5000 mm
WEIGHT	3250 kg	3600 kg



## STANDARD AND OPTIONAL OFFER

STANDARD FEATURES	TEC	SLD
RADIO REMOTE CONTROL	●	-
EXTERNAL MANUAL CONTROL	●	●
LARGE PLATFORM WIDTH	●	●
CANBUS TRUCK COMM.	●	-
HARD WIRED TRUCK COMM.	●	●
BI-SPEED	●	-
MONO-SPEED	-	●

● standard; ○ option; – unavailable

MAIN OPTIONAL FEATURES	TEC	SLD
TIPPING HOOK WITH SAFETY LATCH	○	-
HYDRAULIC TIPPING CYLINDER SAFETY	○	-
CONFIGURABLE LOCKING SYSTEMS	○	-
HIGH TIPPING	○	-
CONNECTED	○	-
SILENT MODE	○	○
RAPID MOTION	○	○
LEFT AND RIGHT LADDER ACCESS	○	○
TARPING SYSTEM PALCOVER	○	○
OVERLOAD INDICATION	○	○

To know more about all other available options, please contact your local PALFINGER partner.

