

# **PALFINGER** **eDRIVE**

**LIFETIME EXCELLENCE**



# eDRIVE

## FLEXIBILITY IN DIFFERENT WAYS

Take advantage of the innovative technology from PALFINGER to operate your loader crane economically, energy-efficient, and emission-free. Work silently in sensitive areas regardless of whether outdoors or indoors, or during the day or night time.

Never before has the timing been better to upgrade the conventional drive of the crane by the vehicle engine with an intelligent Li-Ion battery-system or a plug-in-system.

WATCH THE ORIGIN STORY HERE:

**eDRIVE**  
DAS ENTWICKLER-TEAM  
STELLT SICH VOR



LIFETIME EXCELLENCE

FIND OUT HOW IT WORKS:

**PALFINGER**  
ELECTRIC  
DRIVEN CRANE



HOW DOES IT WORK?

LIFETIME EXCELLENCE



Always a good overview of operating status and power flow.

Battery packs are integrated compactly and protected in the subframe.



# INNOVATIVE THROUGHOUT

## ABSOLUTE FLEXIBILITY IN CRANE OPERATION

You have the possibility to operate the crane via the Li-ion battery pack, the power grid or even via the vehicle engine.

## EASILY CHARGED

The eDRIVE system can be charged directly via the power grid (230 V or 400 V, 16 A).

## UP TO 80 % LESS OPERATING COST

The eDRIVE system can save up to 80 % of the ongoing operating costs during operation via power grid or when charging the battery system via power grid. In addition, the crane operating via eDRIVE will also reduce the operating hours of the vehicle.

## MAXIMIZED PERIOD OF APPLICATION

The engine's intelligent automatic start-stop system maximizes the operating time. The energy will only be consumed when the crane is working. Depending on the application, an average, continuous and emission-free crane operation of 3 hours with fully charged batteries is possible.

## COMPACT, LIGHT AND PROTECTED

Maximum usable and loading area, as the basic system weighs less than 500 kilograms and all protected components are covered integrated in or on the vehicle frame. The compact design of the eDRIVE system with battery packs in the subframe also offers an optimal impact protection and an easy accessibility when needed.





## EMISSION-FREE FOR A BETTER WORKLOAD

Operations in noise- and exhaust sensitive areas are easily possible with the eDRIVE system from PALFINGER, for an increased workload of the lifting solution. Whether in the city center or in residential areas, at off-peak times early in the morning or in the evening, in the inside of buildings, near schools, retirement homes, hospitals and sanatoriums – the PALFINGER eDRIVE system can ensure an emission-free crane operation.

## MODULAR DESIGN

The eDRIVE solution of PALFINGER is available in modular versions for crane models up to 40 mt on a wide variety of truck types – including gas powered trucks.

## EXTENDED USE THANKS TO MULTIPLE INTEGRATION

The PALFINGER eDRIVE system offers the possibility of integrating additional devices like a hook- or skiploader.

## SERVICE AND MAINTENANCE

The 48-volt eDRIVE system can be serviced and maintained by PALFINGER partners.

# PALFINGER CUSTOMERS RECOMMEND eDRIVE SOLUTION

Several customers have already tested our eDRIVE loader crane and are more than satisfied with our system.

**James Wolfgram, Managing Director of “NPU Transport GmbH” in Hamburg/Germany:**

“ This system can also be used in a noise-sensitive environment, for example in warehouses or in city centers, where work can only be done in the morning hours, when business is not yet in full swing, or generally when you have to work in special areas, where the background noise must be kept very low. “  
The greater the capacity of the battery, the more economical it is for me. “

Watch the video  
report here:





Watch the video report here:



**Thomas from „Kran & Transport AS“ in Oslo/Norway:**

**”** Especially in residential areas early in the morning, it’s really nice to operate the crane without having to listen to the engine of the truck. And the cool thing about it is, when you run out of power after a couple of hours, you can just start the engine up and run it as a normal crane. **”**



**PALFINGER WILL BE HAPPY TO SUPPORT YOU WITH THE CONFIGURATION YOUR OPTIMAL eDRIVE SOLUTION. CONTACT US!**

