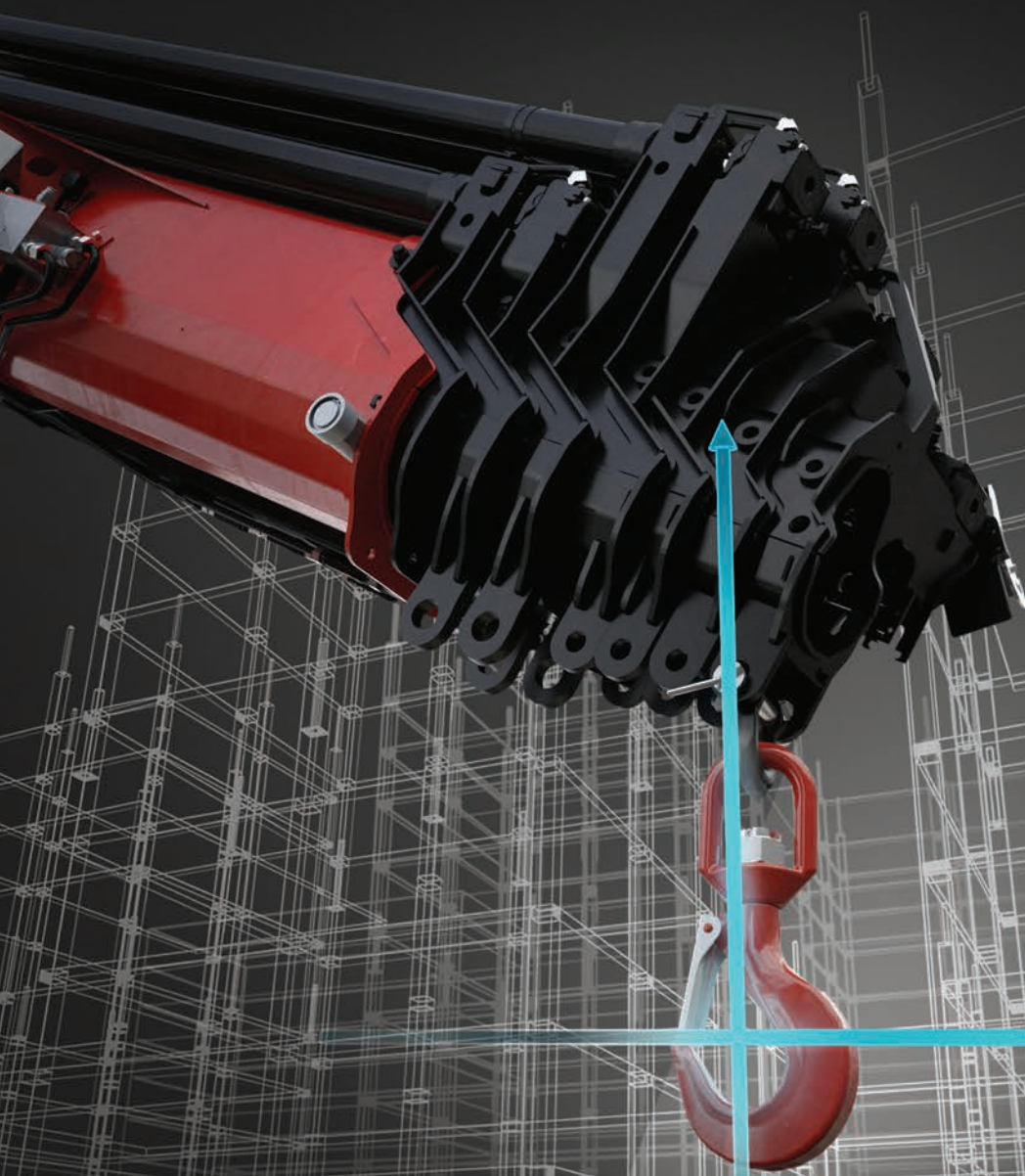
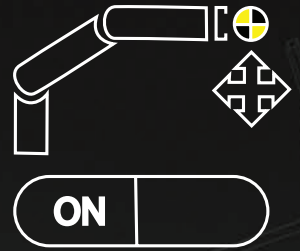


SMART CONTROL

URNS HARD WORK INTO SMART WORK



**WE ARE
SHAPING THE
FUTURE OF
YOUR LIFTING
SOLUTIONS.**

LIFT TO EXPERIENCE

SMART CONTROL

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WHAT DRIVES US

ONE STEP AHEAD

INNOVATION AS THE BASIS OF OUR ACTIONS

PALFINGER has always been a driver of innovation. In order to continue developing smart solutions that set new standards worldwide, it is essential to always be one step ahead and to make the impossible possible. This is what PALFINGER stands for.

Digital transformation has long been part of our successful corporate culture. We play a key role in shaping innovation and change in the industry by bringing together our digital competencies. Continuous development is essential to respond to individual questions with customized answers. Today, we no longer think only in terms of products, but also in terms of solutions.

Development and innovation thus form the basis of our actions and thinking. PALFINGER constantly strives for improvement, but not as goal in itself. We never lose sight of our customers and their requirements. That is how we have become what we are today - the world market leader in lifting solutions.

SINCE 1932



SMART CONTROL

TURNS HARD WORK INTO SMART WORK

INNOVATION AS A REVOLUTION
IN THOUGHT AND ACTION

Innovations are the result of our passion.

We don't just make product solutions better, we reinvent them and revolutionize existing work processes. Our ambition is to make our customers' work easier, more efficient and – above all – smarter.

SMART CONTROL
REVOLUTIONISES CRANE OPERATION

The new intuitive control system makes the crane more intelligent. Crane and operator become one unit.

WORKING SMARTER

CRANE AND OPERATOR AS ONE UNIT

Smart Control moves the crane tip exactly where you want it to be thanks to the intuitive control system. The operator focuses on the target position and the crane executes the movement precisely.



EASY CONTROL OF THE CRANE TIP

With Smart Control the operator controls the crane tip with just one lever, instead of moving individual cylinders.

THE ADVANTAGES AT ONE GLANCE:

- More time and attention for complex lifting tasks
- Faster and more precise control allows for more lifting operations per day
- General reduction of the crane operator's workload
- The risk of damage to the crane or load is reduced

HOW IT WORKS

SMART MOVE

THE REVOLUTION OF CRANE WORK

Operating a crane requires a high level of concentration. Safety, precision and efficiency are crucial. Crane work is therefore not only demanding, but also associated with an extremely high level of responsibility. Smart Control cannot replace the sense of responsibility and concentrated work, but it makes the work easier, faster and safer. The times when you previously had to imagine crane movements and motion sequences in three-dimensional space are over.

Previously, up to three lever movement were needed to move the crane tip horizontally or vertically.



Smart Control enables horizontal or vertical movement of the crane tip with only one lever movement. While the operator only specifies the direction of the crane tip, the electronics (Paltronic) combine the necessary crane movements in the background to achieve exactly the desired position. With a lever movement in two directions, diagonal movements and any curves in space are also possible.



HOW IT WORKS

GOOD

BETTER

SMART

SMART CONTROL IS MORE PRECISE,
FASTER, SAFER

The intuitive operation not only makes working with the crane easier, but also significantly shortens the training period.



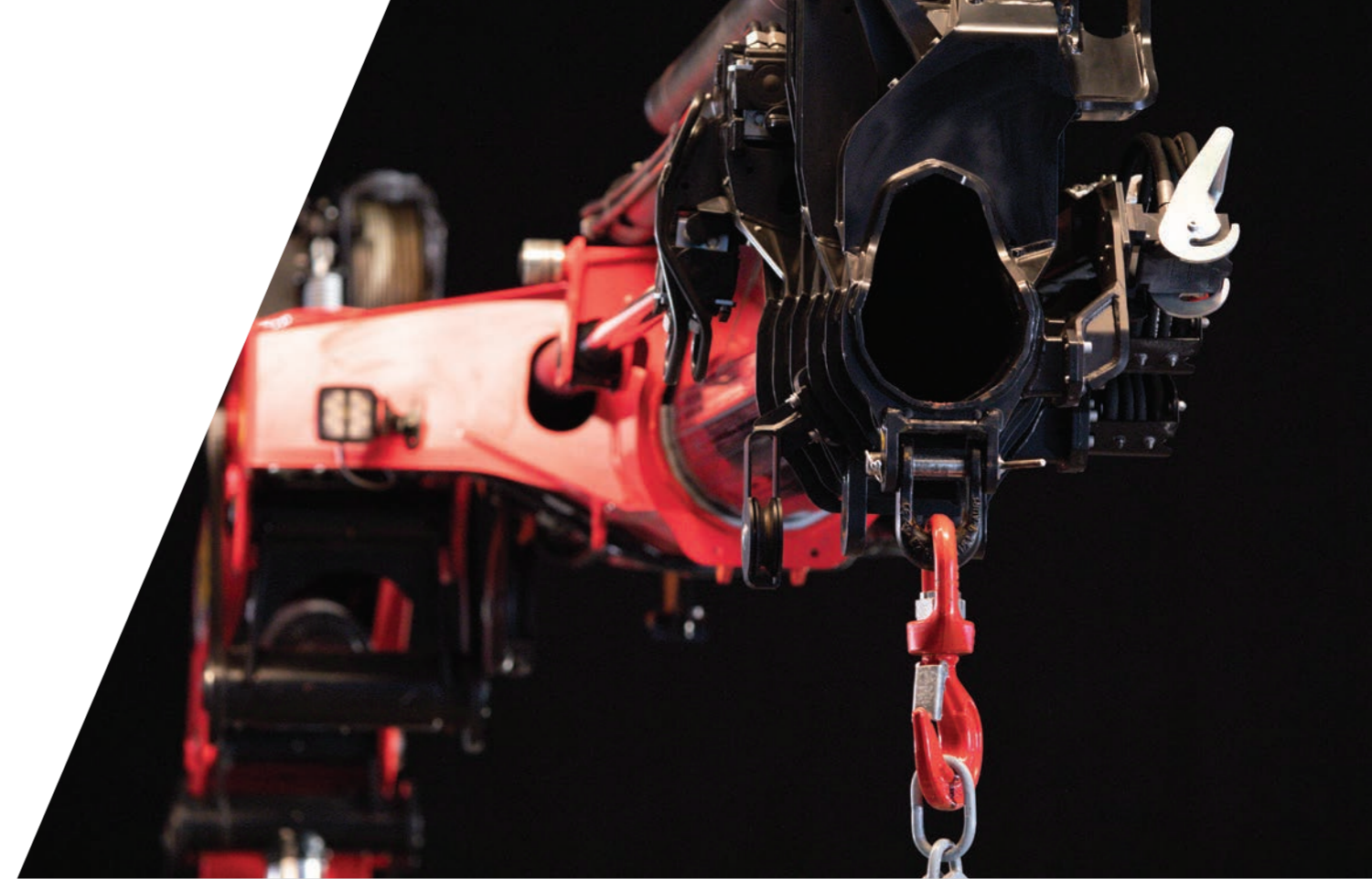
HOW IT WORKS

OPERATING INNOVATION

SMART CONTROL INCREASES EFFICIENCY AND PROFITABILITY

Especially in applications requiring linear movements.

- Vertical lifting of underfloor containers
- Horizontal discharge of bulk material in grab operation
- Earth auger applications
- Performing work through narrow doors and windows
- Loading and unloading of trucks with palletized goods



Smart Control can be configured for all extension boom variants. The compatibility with almost all assistance systems is guaranteed.

FPM (Fall Protection Mode), the workman basket and Power Link Plus can still be used when Smart Control is deactivated.

STRONG PARTNERS: SMART CONTROL BUILDS UPON FLOW SHARING

The innovative Flow Sharing System supplies all cylinders with sufficient oil and thus ensures smooth movements of the loader crane.



GOOD TO KNOW

EVERYTHING YOU SHOULD KNOW ABOUT **SMART CONTROL**

Smart Control is instantly ready for use anytime and anywhere. No calibration is necessary.

But how do you start Smart Control? The system is activated in the assistance menu of the PALcom P7 by pressing the ON/OFF slider and then confirming the safety query. When Smart Control is activated, the corresponding icon appears on the crane tip and in the status bar in the display.



SMART CONTROL IS AN OPTION, NOT A MUST

Smart Control wants to help, but sometimes you don't need help. The operator can deactivate the system at any time and control the crane conventionally. It is also possible to override the Smart Control mode at any time.



STAY IN CONTROL

OPERATION WITH FLY-JIB, MFA-JIB AND MANUAL EXTENSION.

Smart Control is compatible with Fly-Jib and MFA-Jib. If the crane model is equipped with Fly-Jib, the crane tip can still be operated with Smart Control by controlling the Jib conventionally. The same applies to operation with the MFA-Jib (PJM020).

SMART CONTROL CONSIDERS MANUAL EXTENSIONS

Manual extensions can be integrated via MEXT. In this case, the system controls the tip of the manual extension.

MODE OF OPERATION

SMART CONTROL IS VERSATILE

When the system is active, the operator can choose from three modes in the PALcom P7 menu:

STANDARD

In standard mode, Paltronic selects the position of the loader crane that optimizes outreach and capacity.

FREE SPACE

The free space mode prevents the articulated arm from being fully stretched. This mode is particularly suitable for lifting bulky loads such as containers.

MAIN BOOM HIGH

This mode is particularly suitable for work in steep positions.



LIFTING EXCELLENCE

ONTO THE NEXT LEVEL

SMART CONTROL IS AVAILABLE
FOR THE FOLLOWING MODELS:

PK 29.502 TEC 7

PK 36.502 TEC 7

PK 48.002 TEC 7

PK 30.002 TEC 7

PK 37.002 TEC 7

PK 58.002 TEC 7

Technology for safe, efficient and precise work is our passion. Smart Control is the result. A system that revolutionizes our working world.

KP-SMARTCONM1+EN
05/2021

Cranes shown in the leaflet are partially optional equipped and do not always correspond to the standard version. Country-specific regulations must be observed. Dimensions may vary. Subject to technical changes, errors and translation mistakes.

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