

**PALFINGER**

**EFFICIENT & VERSATILE**

**LOADER CRANE WITH  
WORKMAN BASKET  
FOR MAXIMUM  
FLEXIBILITY OF USE**



# LOADER CRANE WITH WORKMAN BASKET FOR MAXIMUM FLEXIBILITY OF USE

With a PALFINGER Loader Crane and the specially developed EN 280 workman basket for the SH and TEC range you can transform your crane into a fully-performing multifunctional tool. Extend the range of applications of your crane vehicle considerably.

This innovative combination not only offers you maximum flexibility, but also the ability to work safely and efficiently at great heights. As a leading supplier on the market, we offer a complete system consisting of crane and workman basket that complies with the strict EN 280 standard - making the This simplifies the vehicle acceptance process by your local governance, and you benefit from noticeable cost savings.

## Your Advantages:

- PALFINGER and TÜV approved crane and workman basket system according to the EN 280 standard
- Low dead weight for maximum reach
- Fast and ergonomic installation due to multi functional adapter (MFA)
- Protected handrail on all sides
- Safe working with the optionally available personal safety device
- Lowering in an emergency with the available emergency drive

With PALFINGER, you get a customized solution that adapts to your needs - today and in the future.

Thanks to the intelligent technology of PALFINGER Loader Cranes, such as HPSC or Soft Stop, and the quick assembly options with MFA - multi functional adapters, your day-to-day work becomes more efficient and flexible. The low dead weight of the workman basket variants enables maximum reach and performance for your crane without compromising on comfort and safety.

You don't know yet, if you will use workman baskets at a later stage? You can order your crane with a workman basket preparation and retrofit the workman basket if necessary – uncomplicated and without costly adaptation work.



# PERFECT COMBINATION: SH AND TEC CRANES WITH WORKMAN'S BASKET



## WORKMAN BASKETS BB040/BB041

**Maximum cost effectiveness thanks to low dead weight**

The following designs are available:

- 1-person basket: floor area of 0.60 m<sup>2</sup>
- 2-person basket: floor area of 0.98 m<sup>2</sup>



## WORKMAN BASKET BB042

**The best solution at an attractive price**

The following design is available:

- 2-person basket: floor area of 0.98 m<sup>2</sup>



## AUTOMATIC LEVELLING

**The best solution for working efficiently**

The BB040/BB041 is fitted with a hydraulic levelling system. The system automatically balances out an inclination angle of the workman basket of +/- 5°.



## GRAVITATION LEVELLING

**Best price-performance ratio**

The BB042 works with a gravitation levelling. PALFINGER uses innovative and patented valve technology to keep the workman basket horizontal.



## TILTABLE STABILISER PLATES

**Better adaptation to the ground**

All stabilisers are fitted with tiltable stabiliser plates as standard. They are assembled on a ball joint and can be pivoted up to 10°. This reduces the pressure on the ground.



## KEY-OPERATED SWITCH

**Prevents unauthorised operation**

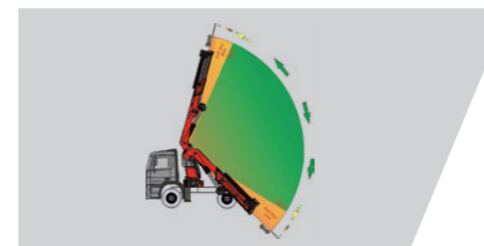
The removable key ensures that, while the workman basket is in use, the crane cannot be controlled via the emergency control unit and the support function cannot be operated.



## MFA MULTI FUNCTION ADAPTER

**Quick change from crane to workman basket operation**

Thanks to the standardized PALFINGER multi functional adapter interface, the workman basket and many other attachments can be easily and ergonomically mounted on the crane tip.



## SOFT STOP FUNCTION

**More comfort and safety**

The Soft Stop function is an electronic limit position damper. It causes gentle braking of all crane movements before the limit position is reached. Hence, jerky movements and load impacts can be avoided. The crane can be operated more gently and precisely.



## PERSONAL PROTECTION AT THE BASKET

### Ensures safe working

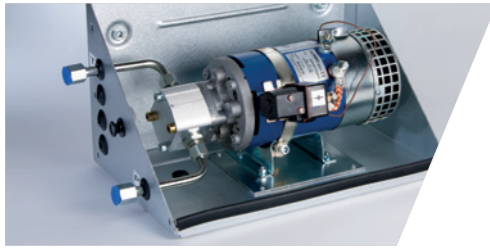
In order to ensure personal protection, every workman basket is fitted with appropriate safety rings. As a system supplier, PALFINGER also offers suitable safety belts on demand.



## CONTROL TECHNOLOGY

### Communication with the operator

New standards in operator friendliness through perfect interaction between PALTRONIC 150, control valve and radio remote control. The operator is guided clearly and safely.



## EMERGENCY LOWERING FUNCTION

### Safe solutions for every situation

In the event of a technical failure, the emergency equipment allows the workman basket to be lowered. This increases safety for the operator.



## PROTECTED HANDRAIL

### Optimum protection on the workman basket

The handrail is protected on all sides, which prevents injuries.



## BASKET'S ENERGY SUPPLY

### Optimally connected

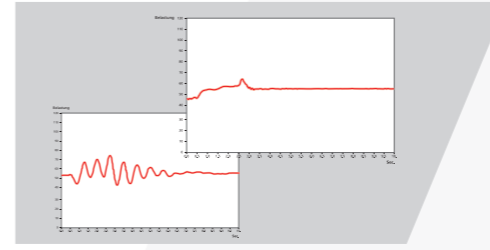
The workman basket is supplied with energy via a 10-pin cable. A cable drum is used for all cranes without hose equipment.



## EMERGENCY SHUT-OFF BUTTON

### Equipped for emergencies

The emergency shut-off button is freely accessible and is installed in a clearly visible location.



## AOS\*

### Oscillation-free work

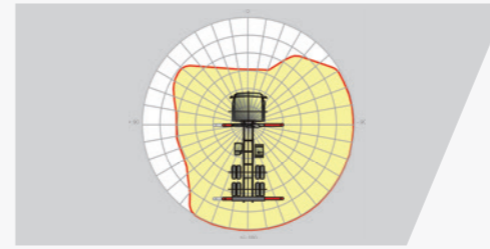
Active Oscillation Suppression (AOS) is a patented assistance system from PALFINGER, which compensates vibrations and shocks in the vertical direction during crane operation. This reduces backswing to a minimum and ensures a consistently high standard of safety when transporting a load or emptying big bags.



## DUAL POWER SYSTEM (DPS-P / DPS-C)\*

### Full lifting power for efficient fly jib operation

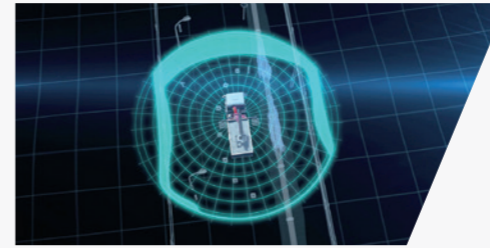
The Dual Power System enables a significant increase of lifting capacity on the fly jib. The system shows its strengths in the TEC crane with fly jib, especially with large outreach, and increases the areas of application. While DPS-Plus recognizes two positions of the last extension boom and uses two pressure ranges, DPS-C can continuously select the pressure range that suits the respective position and get even more lifting power out of the TEC crane at any time.



## HPSC

### Maximum utilisation of the working range

The variable stabilizer positioning of the High Performance Stability Control System makes it possible to utilise the lifting capacity to the maximum. It enables working within tight spaces.



## HPSC-PLUS\*

### Maximum utilization of the working area

HPSC-Plus offers three modules to expand the proven stability system HPSC. Due to load detection (LOAD), length measurement system (GEOM) or stabilizer force detection (FSTAB) the lifting capacity of the TEC-range can be fully utilized at every point on the stability curve, regardless of whether space conditions are tight or not.



## PALFINGER RADIO REMOTE CONTROLS

### Precise crane control for maximum safety and comfort

As a premium manufacturer, PALFINGER offers various radio remote controls depending on the crane range and areas of application. All control variants - whether designed as a joystick or linear lever control - are compatible with the workman basket and ensure convenient and safe operation of the loader crane.



## STRONG SERVICE

### A strong network for big tasks

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 count always on the highest service 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.

\*Optional features / country-specific equipment





## NOTES



