

# SERVICE TRUCK SOLUTIONS



## MAXIMIZE YOUR UPTIME - WORK TRUCK BODIES, SERVICE CRANES & COMPRESSORS





# ONE SUPPLIER ONE SOLUTION



Omaha Standard Palfinger (OSP) is your one-stop solution to provide the most **EFFICIENT**, **RELIABLE** and **INNOVATIVE** service and care for your customers.

At PALFINGER, we know that all equipment will experience downtime. When productivity and your bottom line are affected, you need a reliable service solution because your customers expect solid product performance, quick responses and a partner to trust. Our service trucks, equipped with PALFINGER Service Cranes, Compressors and many available options and accessories, along with our committed, nationwide distribution network, are a reliable solution to get your job done right.

Rely on PALFINGER equipment to get your team up and running quickly, while providing your customers with the best service experience possible.

This brochure is intended to give you the best overview of our Work Truck Bodies, Service Cranes and Compressors so that we can help you find the best solution for your service truck applications and your customer's expectations.

## INDUSTRIES

With the best equipment for the job, add a competitive edge to your business in a range of industries. Our service trucks are a reliable partner in: Construction, Roadway, Railway, Agriculture, Oil & Gas, Mining, Utilities and Municipalities.





## WORK TRUCK BODIES

Rely on us to configure the best mobile service solution for your application. There are many possibilities to reinforce our standard Platform and Service Body designs to accommodate PALFINGER Service Cranes and Compressors, while PAL Pro Mechanics Trucks are true crane bodies from the start.



## SERVICE CRANES

With capacities up to 14,000 lbs., designed to meet or exceed all ASME and OSHA standards, PALFINGER Service Cranes offer wireless proportional control, an industry-leading Two-Block Damage Prevention System, and single-weld hexagonal designs.



## COMPRESSORS

Regardless if you need constant air or intermittent air, Omaha Standard Palfinger has the right compressor for your service truck needs with our Rotary Screw and Piston Compressors.



# WORK TRUCK BODIES

## OUR RANGE

### CRANE REINFORCED SERVICE BODIES

By reinforcing the rear cabinet, our standard Service Body designs can be adapted to handle crane applications up to 5,000 lbs. with a class 3 – 5 chassis. Built with all A-60 galvanized steel and E-coated for superior rust protection, Omaha Standard Palfinger Service Bodies reflect more than 90 years of exceptional truck body building with advanced designs and innovative manufacturing processes.

### CRANE REINFORCED PLATFORMS

Expect value and durability for years to come thanks to heavy-duty welded construction, high grade materials and user-friendly designs; combined with our engineered, crane reinforcement pedestals. Available in tread plate, smooth steel or wood with a steel overlay, our crane reinforced platforms are designed with your hard working environment in mind. Many optional features are available, like stake and contractor racks, allowing extra cargo space and added protection to fit your unique application.

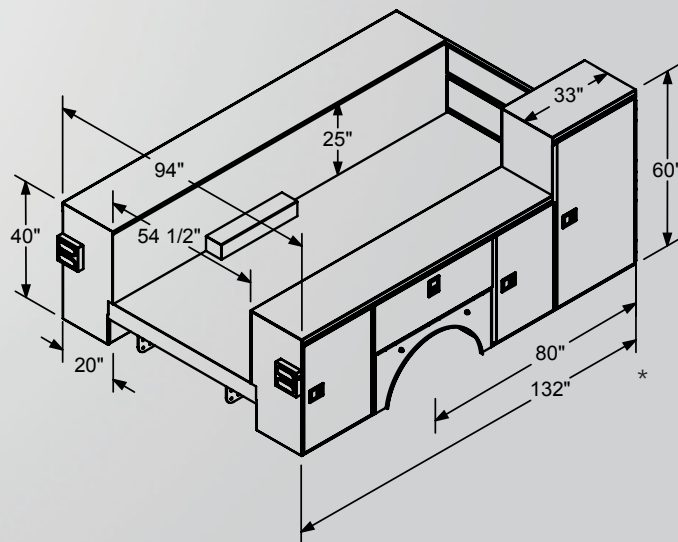
### PAL PRO MECHANICS TRUCKS

PAL Pro Mechanics Trucks are true crane bodies designed for mobile heavy equipment service providers. Unlike a standard Service Body, PAL Pro Mechanics Trucks are larger in size and are built specifically to handle the forces applied by the crane from the very start of their design. They offer less weight and stronger capacities with an integrated frame and hybrid torsion box, while the all A-60 galvanized construction and E-coat protection ensure strong components on the job.

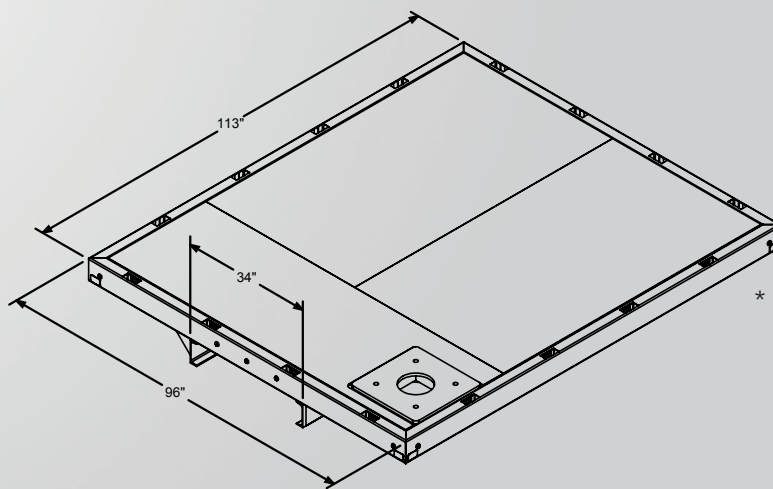




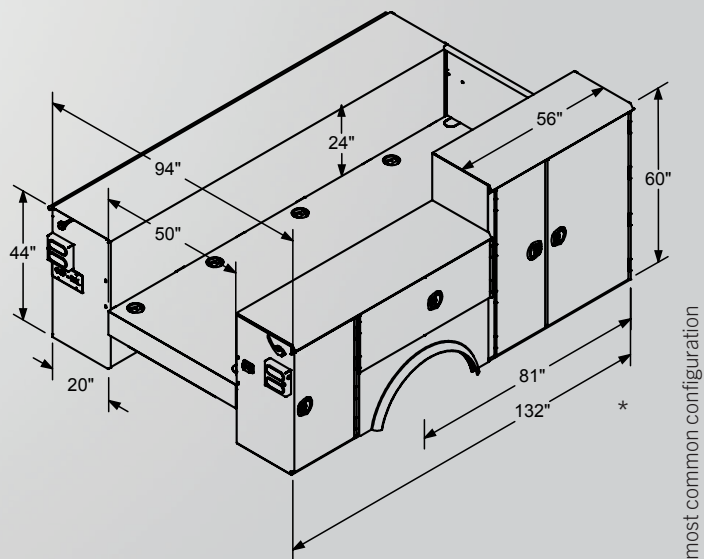
- ➔ Service Body configurations are available in 8', 9' and 11'
- ➔ Crane reinforcements can handle up to 33,000 ft. lbs.



- ➔ Heavy Duty and Super Duty Platforms available with lengths from 8'6" – 22'6"
- ➔ Engineered to order (ETO) crane reinforcements are available up to 43,000 ft. lbs.



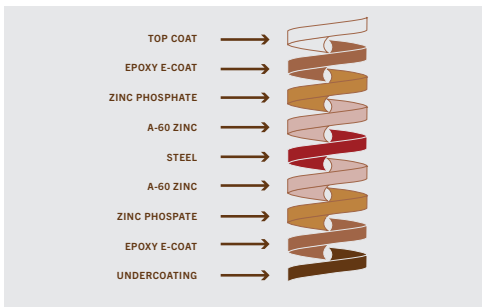
- ➔ Choose from many available standard configurations
- ➔ Mechanics truck packages available in sizes from 9' – 14' and capacities ranging from 43,000 ft. lbs. – 86,000 ft. lbs.



\* most common configuration

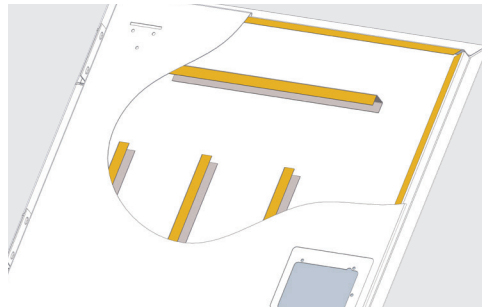
# OMAHA STANDARD PALFINGER WORK TRUCK BODIES

## 09 HIGHLIGHTS



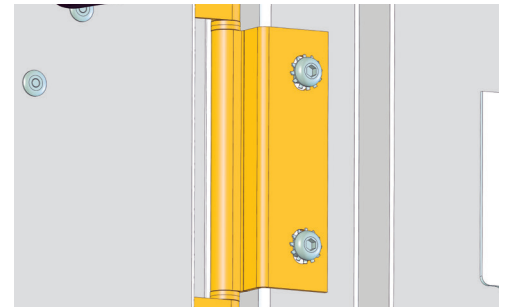
### **GALVANNEALED ZINC COATED STEEL FOR A SUPERIOR EXTERIOR**

Entire body exterior made from A-60 two sided galvanized zinc coated steel.



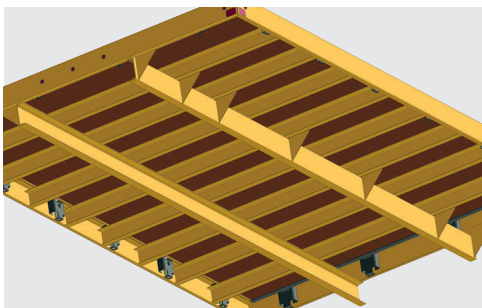
### **DOOR CONSTRUCTION STRONGEST IN THE INDUSTRY**

Bonding compartment door panels with structural automotive epoxy adhesive resulting in the strongest, most rigid doors of any service body on the market. No welds mean less chance of rusting.



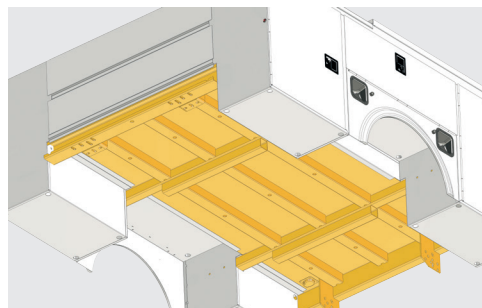
### **HINGES OPTIMUM SECURITY & RUST PROTECTION**

Full-length, 316 marine-grade stainless steel door hinges. Internal bolt-on attachment gives optimum security and ease of replacement vs. competitive riveted/welded-on door hinges.



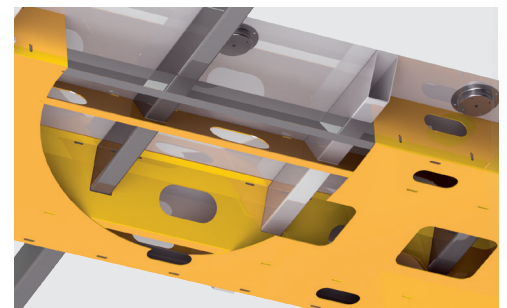
### **UNDERSTRUCTURE PLATFORM TOUGH AND DURABLE**

Built with heavy gauge, high strength steel outrails and cross members, combined with structural steel channel long members, for the strongest platform available.



### **UNDERSTRUCTURE SERVICE BODY FOR GREATER BODY SUPPORT**

Our Service Body understructure is engineered tough to handle crane loads rated at a maximum of 33,000 ft. lbs.



### **UNDERSTRUCTURE PAL PRO SUPERIOR STRENGTH AGAINST HEAVY LOADS**

Manufactured with a hybrid torsion box that eliminates frame and side pack deflection by transferring the crane moments to the ground through the understructure and outriggers.



## WORK BENCH BUILT FOR YOUR HARD WORK

A true mechanics work bench built to withstand tough work for years to come, featuring 21" or 30" work bench bumpers, standard receiver hitch, standard 5/16" steel top plate and thru compartment for additional storage.

## NON-MARRING BOOM REST NEVER COMPROMISE QUALITY

Unlike other boom rests, the non-marring boom rest cradles the crane in a sling for transport, preventing rubbing that damages paint and encourages rust. Adjustable and fixed sizes are available to fit your specifications.



## INTERIOR COMPARTMENT COATING FOR GREATER PROTECTION

A two-part, water based compound lines every interior compartment as standard to prevent rust from forming in the compartments, while providing superior protection against tools, chains and parts that can cause damage to the interior coatings.

### MOST COMMON OPTIONS

- Bolt bins
- Book racks
- Boom rests
- Cargo enclosures
- Headache racks
- Hose reels
- LED exterior & interior lights
- Light reel kits
- Outriggers
- Remote control storage bracket
- Spring mount
- Tool drawers units
- Vise
- Welder / Compressor mounting
- ½" Moisture separator/regulator/oiler

# SERVICE CRANES

## OUR RANGE

Meeting or exceeding all ASME and OSHA standards, PALFINGER Service Cranes feature Electric / Hydraulic and Hydraulic models up to 14,000 lbs. capacity. All crane models feature Wireless Proportional Control, Single Weld Hexagonal Boom designs and are exclusively E-coated by PALFINGER for the best rust protection in the industry.

### ELECTRIC | HYDRAULIC: PSC 3216 — 6025

Reduce your engine hours with a smaller crane series best suited for lighter duty cycles. All Electric | Hydraulic Service Cranes are equipped with standard, Single Function Proportionate Control and offer the highest lifting capacity (ft. lbs), the best weight-to-lift ratio and the longest reach in the industry. Optional features including 90% Acoustic Overload Warning, 3rd Wrap Limiting System and Boom Tip Hooks are available to fit your application and service truck needs.

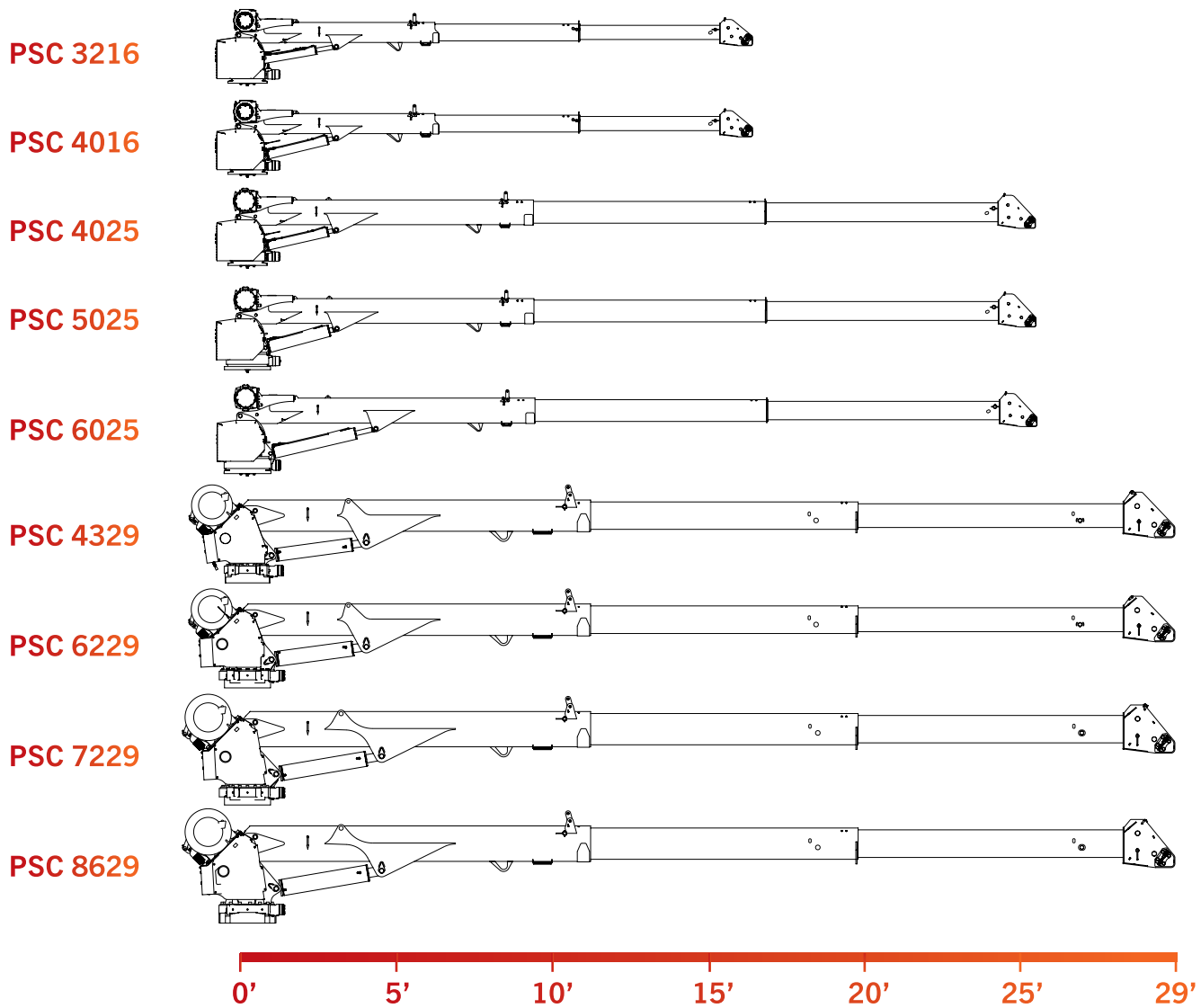


### HYDRAULIC PSC 4329 — 8629

A bigger crane range best suited for continuous duty applications and jobs in mining, construction and heavy equipment, all Hydraulic Service Cranes come equipped with Simultaneous Multi-function Proportionate Control as standard, superior weight-to-lift ratios and 29'2" of lifting reach. Each model features High-speed Planetary Winches at 60 ft/min line speeds, incorporating a 3rd Wrap Limiting System to prevent cable spool off that also doubles as a cable tensioner. Optional Boom Tip Hooks, Easy Load-block Stowing Systems (ELS), and Personnel Baskets are available to fit your service truck application.







## TECHNICAL SPECIFICATIONS

MODEL	CAPACITY	RATED LIFTING MOMENT	MAX LIFTING MOMENT	BOOM EXTENSION	POWER OUTREACH	WINCH SPEED	STANDARD WEIGHT	CHASSIS SPECIFICATIONS
PSC 3216 EH / H	4,000 lbs. (1814kg)	12,500 ft. lbs. (17kNm (1.7mt))	14,560 ft. lbs. (19.6kNm (2.0mt))	1 Hydraulic + 1 Manual (2 Hydraulic Option)	11.4ft (16ft) 3.5m (4.9m)	19.6ft/min (6.0m/min)	650 lbs. (295kg)	Class 3 10,001 lbs. (4,540kg)
PSC 4016 EH / H	4,000 lbs. (1814kg)	18,500 ft. lbs. (25.1kNm (2.6mt))	23,235 ft. lbs. (31.4kNm (3.2mt))	1 Hydraulic + 1 Manual (2 Hydraulic Option)	11.4ft (16ft) 3.5m (4.9m)	19.6ft/min (6.0m/min)	650 lbs. (295kg)	Class 3 10,001 lbs. (4,540kg)
PSC 4025 EH / H	4,000 lbs. (1814kg)	18,500 ft. lbs. (25.1kNm (2.6mt))	20,585 ft. lbs. (27.9kNm (2.9mt))	2 Hydraulic	25 ft (7.6m)	19.6ft/min (6.0m/min)	1010 lbs. (458kg)	Class 3 10,001 lbs. (4,540kg)
PSC 5025 EH / H	5,000 lbs. (2286kg)	32,500 ft. lbs. (44.2kNm (4.5mt))	34,580 ft. lbs. (49.3kNm (5.0mt))	2 Hydraulic	25 ft (7.6m)	18.8ft/min (5.7m/min)	1170 lbs. (530kg)	Class 4 14,001 lbs. (6,350kg)
PSC6025 EH / H	6,000 lbs. (2750kg)	38,500 ft. lbs. (52.2kNm (5.3mt))	43,730 ft. lbs. (58.0kNm (5.9mt))	2 Hydraulic	25 ft (7.6m)	28.0ft/min (8.5m/min)	1280 lbs. (580kg)	Class 5 19,000 lbs. (8,620kg)
PSC 4329 H	8,000 lbs. (3650kg)	43,000 ft. lbs. (58.3kNm (5.9mt))	49,180 ft. lbs. (66.5kNm (6.8mt))	2 Hydraulic	29.1 ft (8.9m)	60ft/min (18.2m/min)	2149 lbs. (975kg)	Class 5 19,000 lbs. (8,620kg)
PSC 6229 H	10,800 lbs. (4900kg)	62,000 ft. lbs. (84.1kNm (8.6mt))	68,900 ft. lbs. (93.2kNm (9.5mt))	2 Hydraulic	29.1 ft (8.9m)	60ft/min (18.2m/min)	2407 lbs. (1092kg)	Class 6 25,000 lbs. (11,340kg)
PSC 7229 H	12,500 lbs. (5700kg)	72,00 ft. lbs. (97.6kNm (10mt))	79,450 ft. lbs. (107.7kNm (11mt))	2 Hydraulic	29.1 ft (8.9m)	60ft/min (18.2m/min)	2731 lbs. (1239kg)	Class 6 25,000 lbs. (11,340kg)
PSC 8629 H	14,000 lbs. (6400kg)	86,000 ft. lbs. (116.6kNm (11.9mt))	94,676 ft. lbs. (128.4kNm (13mt))	2 Hydraulic	29.1 ft (8.9m)	60ft/min (18.2m/min)	2833 lbs. (1285kg)	Class 7 33,000 lbs. (14,970kg)

# ELECTRIC | HYDRAULIC SERVICE CRANES

# 09

## HIGHLIGHTS



### BOOM TIP HOOK

Optional 4 ton capacity boom tip hook. Horse-head has threaded weldment for mounting.



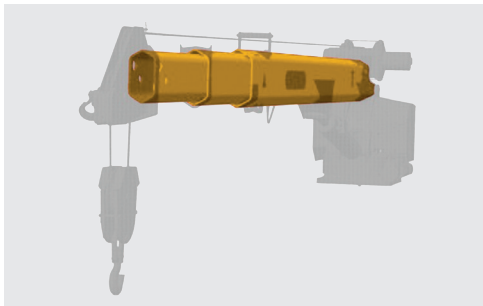
### HORSE HEAD

Low profile design with no bail and limit switch to interfere with operation.



### LOAD BLOCK STOWING BRACKET

Bracket and pads designed to keep load block from contacting the boom when stowed.



### HEXAGONAL BOOMS

Low maintenance high tensile strength self-centering single weld boom sections powered by internal extension cylinders.



### CYLINDERS

All cylinders are e-coated and use a 5 stage marine grade seal system.



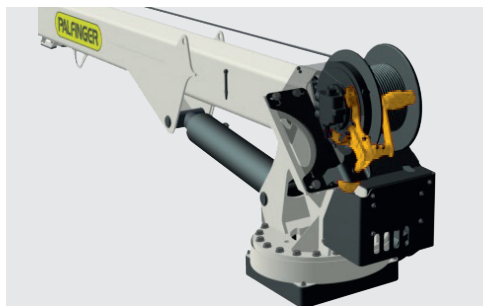
### CONTROL SYSTEM

Features a standard proportional wireless remote control unit, integrated E-stop button, warning horn and manual valve activation capability. Cranes are controlled with 12V DC power supply.



### PROTECTIVE COVERS

Designed to protect your sensitive crane operating components against the weather and damage from exterior forces. Functional hinge design allows easy access to the receiver.

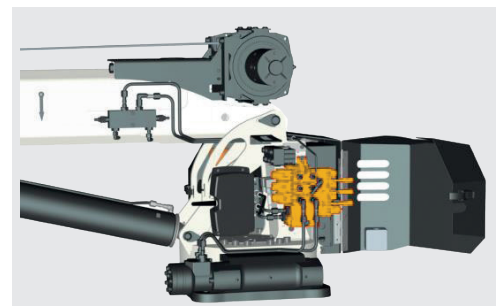


### 3RD WRAP LIMITING SYSTEM

Integrated system prevents wire rope spool off, ensuring three wraps remain on drum.

Exceeds ASME B30.5.

\*Optional 3216-6025



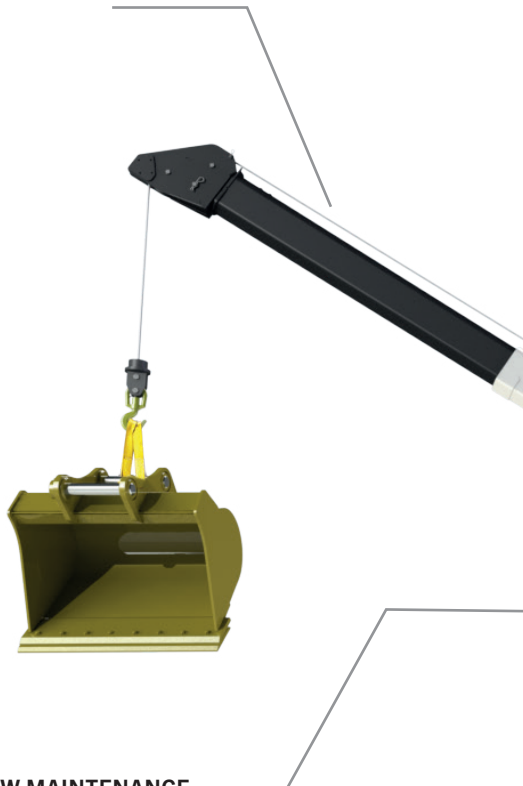
### PROPORTIONAL CONTROL

Through the control valve, proportional control is standard on all E/H and H models.



## BOOM MATERIAL

The boom is constructed of 100 grade tensile strength steel, robotically formed and welded out of one piece for superior material performance. Material is E-coated for optimal rust protection.



## LOW MAINTENANCE

There is no need to grease the booms because our lifetime Nylatron wear pads allow the booms to extend and retract without damaging the E-coat protection.

## MOST COMMON OPTIONS

- Acoustic 90% load warning for 3216-6025
- Adjustable boom rests
- Boom tip hooks
- ELS system
- Outriggers
- Protective case with belt loop for remote
- Personnel baskets
- Remote storage bracket
- Silicon cover for remote
- 3<sup>rd</sup> wrap limiters for 3216-6025

## TWO BLOCK DAMAGE PREVENTION SYSTEM

Two Block Damage Prevention System is integrated into winch mounting platform eliminating the need for boom tip apparatus and cord reel. Complies with ASME B30.5

## INDUSTRY STANDARDS MEETS OR EXCEEDS

ASME B30.5  
OSHA 1910.28  
EN 12999 H1,B6



## INDUSTRY LEADING WARRANTY

2 years on all components,  
3 year warranty on structural components.

# SERVICE CRANE ACCESSORY PERSONNEL BASKET

## 09 HIGHLIGHTS



### PERSONNEL BASKET\*

MAXIMUM COST EFFECTIVENESS  
THANKS TO LOW DEAD WEIGHT

The PALFINGER Personnel Basket is built with high strength steel to minimize its weight.  
Personnel Basket Weight: 280 lbs.  
Complete Installation (incl. Boxes): 400 lbs.



### ATTACHABLE TOOL BOXES\*

EQUIPMENT OPTIMALLY STOWED AWAY

Easily attach up to two optionally available tool boxes to safely store tools and parts while you work in the personnel basket.



### ANTI-SLIP SURFACE\*

SAFE AT ALL TIMES

The foldable patent pending platform features an anti-slip surface to ensure safe standing at all times.



### STORAGE BOXES\*

COMPACT AND RESOURCEFUL STORAGE

The personnel basket is designed to collapse into a compact storage box to be mounted on the work truck body or platform.



### EMERGENCY LOWERING FUNCTION

SAFE SOLUTIONS FOR EVERY SITUATION

In the event of a technical failure, the emergency equipment allows the personnel basket to lower the operator safely.



### SPINE LOCKS\*

SAFE AND USER FRIENDLY

To ensure safe and user-friendly set up, each section of the telescopic spine is equipped with a lock to ensure a defined position at all times.





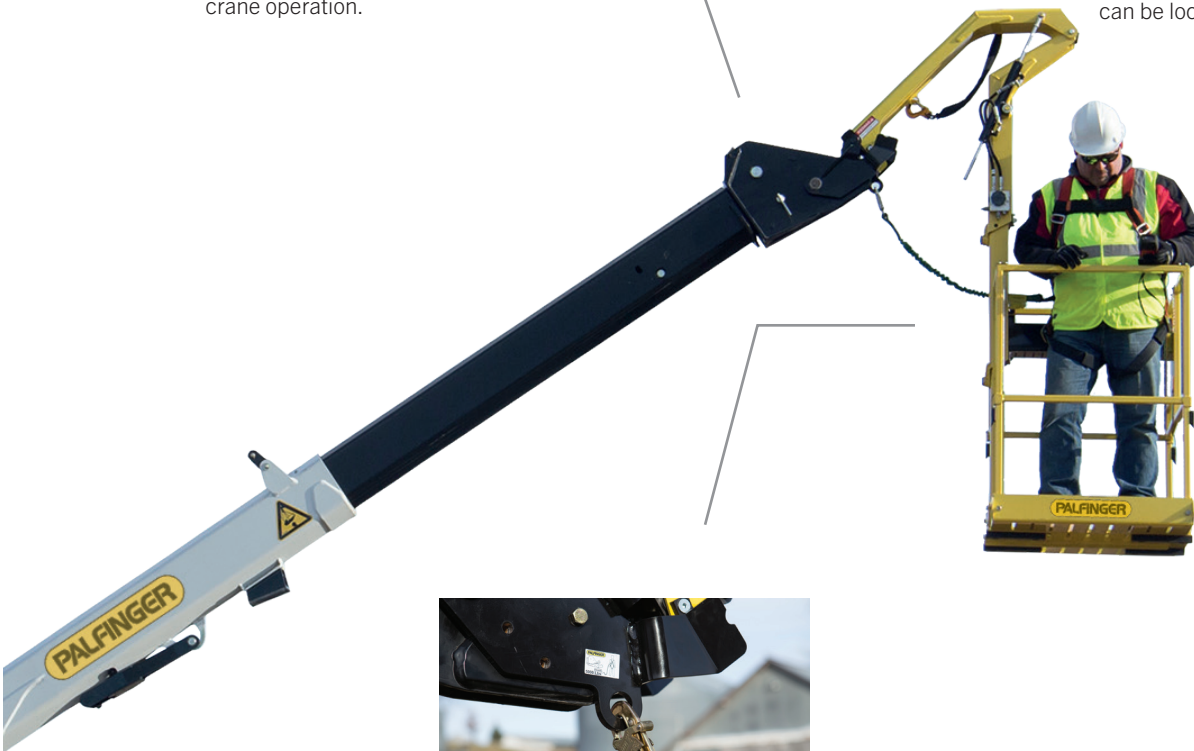
**QUICK-CONNECT MECHANISM\***  
QUICKLY ATTACH THE PERSONNEL  
BASKET TO THE CRANE

A triple lock mechanism mounted to the crane boom allows quick lock and unlocking of the personnel basket to the crane. The quick connect can remain permanently mounted as it is designed not to interfere with normal crane operation.



**HYDRAULIC DAMPENING | LOCKING SYSTEM\***  
STABILIZES THE PLATFORM  
IN EVERY SITUATION

The hydraulic dampening/locking cylinder stabilizes the personnel basket while it is in motion. Once the working position is reached, the basket can be locked in place.



**INDUSTRY STANDARDS  
MEETS OR EXCEEDS**

ANSI A92.5  
OSHA 1910  
OSHA 1926



**PERSONNEL PROTECTION AT  
THE BASKET**  
ENSURES SAFE OPERATIONS

To ensure your protection, the quick-connect features a 2.5T latching point to attach the safety harness.

# CHOOSE THE RIGHT COMPRESSOR

With compact designs, conservative hydraulic requirements and powder-coated aluminum to reduce weight and eliminate rust, PALFINGER offers Rotary Screw and Piston Compressor systems to meet your service truck needs. Once the required tools and CFM are defined, choosing the right compressor is easy! Let us help you:

## ROTARY SCREW

Our Rotary Screw Compressors are best suited when using tools like 1" Impact Drills, Grinders or Air Hammers because they are Air-on-Demand. When an air reservoir isn't required, it means that you have immediate, constant air that can run for hours or even days.



## PISTON

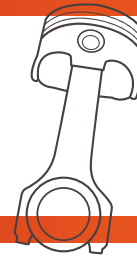
Piston type compressors are ideal for on/off applications and when using small air tools like 1/2" - 3/4" Impact Drills, Wrenches, Nibblers and Riveters. Unlike Rotary Screw Compressors, Piston Compressor systems have an intermittent duty cycle and require a short pressure build time to fill the appropriate size air reservoir tank.





## ROTARY SCREW

## WHAT TYPES OF TOOLS ARE YOU USING?



## PISTON

NO AIR RESERVOIR  
REQUIRED

AIR RESERVOIR  
REQUIRED

HOW MUCH  
CFM AND  
PRESSURE?

GRINDERS  
AIR HAMMERS  
1' IMPACT  
DRILLS

CONTINUOUS OUTPUT  
MINIMUM RUN TIME  
15-20 MINUTES



PRC35  
PRC60

SMALL HAND TOOLS  
1/2 -3/4 IMPACT  
NIBBLERS  
RIVETERS

AIR ON AND OFF AS  
AIR TANK FILLS  
10-15 MINUTE  
RUN TIME

PPC37  
PPC50



### TECHNICAL SPECIFICATIONS

CFM RATING (CFM)	MODEL	PRESSURE RATING (PSI)	HYDRAULIC MOTOR SPEED (RPM)	HYDRAULIC FLOW (GPM)	HYDRAULIC OPERATING PRESSURE (PSI)	RECOMMENDED HOSE SIZING	CYCLE DUTY
35	PRC35	175	3450 BELT DRIVEN	14	2100 2400 MAX	1/2" ID NPT X 50'	continuous
45	PRC60	150	1500	10.9	2900 3000 MAX	3/4" ID NPT X 50'	continuous
60	PRC60	150	1950	14.2	2900 3000 MAX	3/4" ID NPT X 50'	continuous
37	PPC37	100	1440	10.4	1850 2400 MAX	3/4" ID NPT X 50'	intermittent
40	PPC37	100	1650	12.6	2150 2400 MAX	3/4" ID NPT X 50'	intermittent
50	PPC50	175	830	13.2	2200 2400 MAX	3/4" ID NPT X 50'	intermittent



# E COATING - ENVIRONMENTALLY FRIENDLY RUST PROTECTION

Omaha Standard Palfinger products receive complete electrocoat(E-coat) prime paint coverage. Unlike alternative equipment, our components are E-coated before installation to ensure total paint coverage - even in the most critical areas. You can expect the best rust protection in the industry - period.



## 12 STEP PAINT PROCESS PROVIDES THE ULTIMATE RUST RESISTANCE & IS ENVIRONMENTALLY FRIENDLY!



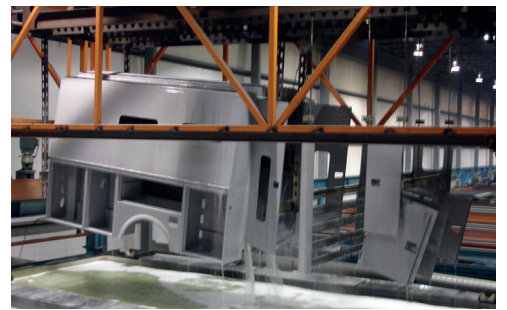
Components are cleaned and pretreated with a phosphate conversion coating to prepare the product for electrocoating.

When dipped into a paint bath, direct current is applied between the product and a counter electrode. The electric field attracts paint to the product and deposits it onto the product.



Components are removed from the bath and rinsed to reclaim any unset paint solids.

Our E-coat is environmentally-friendly, recyclable, and efficient. The paint is applied to a precise thickness over the entire product, so no paint is wasted. Next, products are transferred to the bake oven and completely cured at a temperature of 375°.



Our products are durable and corrosion resistant thanks to the complete coverage of the E-coat.

"Green" initiatives are involved in all activities of the PALFINGER North America Group, including manufacturing, procurement, new product development.

# PUT IT ALL TOGETHER ONE PACKAGE

## A RELIABLE PARTNER — PALFINGER IS YOUR ONE-STOP SOLUTION

Rely on Omaha Standard Palfinger to provide the right equipment for your job. You can expect a competitive service truck solution when you put our Work Truck Bodies, Service Cranes and Compressors together. Offering a range of standard configurations, and non-standard configurations upon request, we are committed to your solution.

At PALFINGER, we recognize the high value of after the sale service and support. That's why we have dedicated distribution partners conveniently located across North America. Our ever-expanding distribution network is always there for you to serve your product requirements.

With European technology and North American manufacturing, our passion for innovation and high quality is your benefit in the job.



TO LOCATE A DISTRIBUTOR NEAR YOU  
VISIT [WWW.PALFINGER.COM](http://WWW.PALFINGER.COM)

CLASS

CHASSIS

CAB TO AXLE (DW ONLY)

BODY

PSC 3216 (4000 LBS.)

PSC 4016 (4000 LBS.)

PSC 4025 (4000 LBS.)

PSC 5025 (5000 LBS.)

PSC 6025 (6000 LBS.)

PSC 4329 (8000 LBS.)

PSC 6229 (10,500 LBS.)

PSC 7229 (12,500 LBS.)

PSC 8629 (14,000 LBS.)

3	Ford F-350 Pickup Box Delete	56" DW	96D54V-4R										
3	GM 3500 Pickup Box Delete	56" DW	96D54V-4R										
3	Ford F-350 - F450 - F550 Chassis Cab	60" DW	108D54V-6R										
3	Ford F-350 Chassis Cab *	60" DW	108D54V-6R										
3	Ford F-350 Chassis Cab **	60" DW	108D54V-6R										
3	GM 3500 Chassis Cab	84" DW	132D54V-6R										
3	Ram 3500 Chassis Cab	84" DW	132D54V-6R										
4	Ford F-450	60" DW	108D54V-6R										
4	Ram 4500	60" DW	108D54V-6R										
4	Ford F-450	84" DW	132D54V-6R										
4	Ram 4500	84" DW	132D54V-6R										
5	Ford F-550	60" DW	108D54V-6R										
5	Ram 5500	84" DW	PAL Pro 43										
5	Dura Star 4100	84" DW	PAL Pro 43										
5	Ford F-550	84" DW	108D54V-6R										
5	Freightliner M2-106	84" DW	PAL Pro 43										
5	Kenworth T170	84" DW	PAL Pro 43										
5	Ram 5500	84" DW	PAL Pro 43										
5	Terra star	84" DW	PAL Pro 43										
6	Dura Star 4300 - 4400	Up to 120"	PAL Pro 72										
6	Ford F-650	Up to 120"	PAL Pro 72										
6	Freightliner M2-106	Up to 120"	PAL Pro 72										
6	Kenworth T270	Up to 120"	PAL Pro 72										
6	Peterbilt 325 Series & Up	Up to 120"	PAL Pro 72										
7	Dura Star 4300 - 4400	Up to 120"	PAL Pro 72										
7	Ford F-750	Up to 120"	PAL Pro 72										
7	Freightliner M2-106	Up to 120"	PAL Pro 72										
7	Kenworth T370	Up to 120"	PAL Pro 72										
7	Peterbilt 325 Series & Up	Up to 120"	PAL Pro 72										
8	Freightliner M2-106	Up to 120"	PAL Pro 86										
8	Kenworth T370	Up to 120"	PAL Pro 86										
8	Peterbilt 325 Series & Up	Up to 120"	PAL Pro 86										

# BODY & CRANE APPLICATION GUIDE

\* 10,000 GVWR and Under  
 \*\* 10,001 GVWR and Over



# NOTES

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