

# MECHANICS BODY PAL Pro 86

Mechanics Bodies, Service Cranes & Compressors  
Built for the Modern Work Truck.

**LIFETIME EXCELLENCE**





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



#### **APPLICABLE CRANE MODELS**

- PSC 14029

#### **APPLICABLE COMPRESSORS**

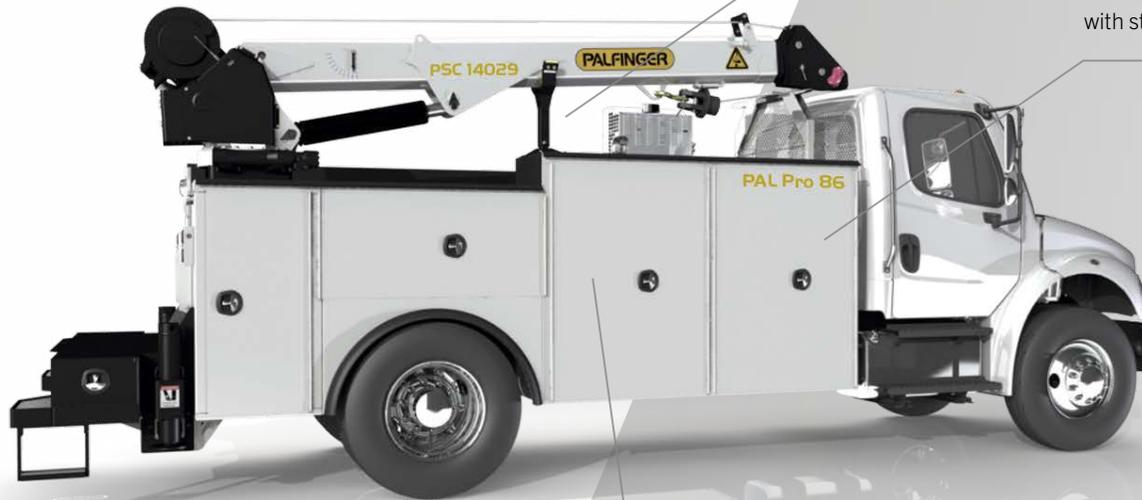
- PRC 45V
- PRC 60V



# HIGHLIGHTS

Rounding out the PALFINGER range of mechanics bodies, the PAL Pro 86 is our largest capacity steel constructed crane body available in 14' standard configurations. The PAL Pro 86 offers more usable storage capacity, combined with our largest 14,000 lb 29' hydraulic crane. Plus, more standard options are available to meet your service truck needs including headache racks, accessory mounting options, aluminum roll out drawer units and more.

Our PAL Pro 86 is manufactured with 12-gauge all A-60 galvaneal steel construction, a hybrid torsion box that eliminates frame and side pack deflection and offers the best rust protection in the industry.



### NON-MARRING BOOM REST

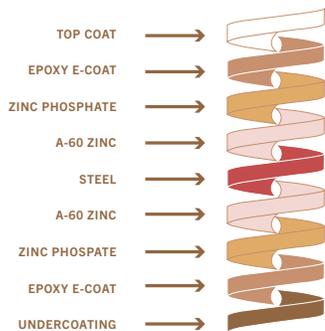
Adjustable non-marring boom support E-coated black.

### DOOR DESIGN ELIMINATE WELDING

Double panel doors with internal C-channel stiffeners, adhered with structural adhesive.

### LINE-X ULTRA INTERIOR COMPARTMENT COATING FOR GREATER PROTECTION

LINE-X Ultra provides the ultimate protection for your compartment interiors. It resists the damage commonly caused by tools, chains and parts, and prevents the rust that comes as a result. As an added bonus, the coating is white in color and helps to brighten up the interior.



### E-COAT CORROSION PROTECTION

PALFINGER's 12 step electrophoretic deposition dip process cleans the body and applies primer to the metal surfaces, ensuring complete coverage and automotive grade corrosion protection.

### OUTRIGGERS ADDS LIFTING STABILITY

Dual extending rear outriggers and a single front extending stabilizer maximize overall lifting performance.

### INTERNAL GUSSETS PREVENTS BODY CRACKING

Every raised compartment comes with PALFINGER's engineered gussets for increased protection against the body cracking in the door corner.

# FEATURES



## HYBRID TORSION BOX BUILT FOR CRANES

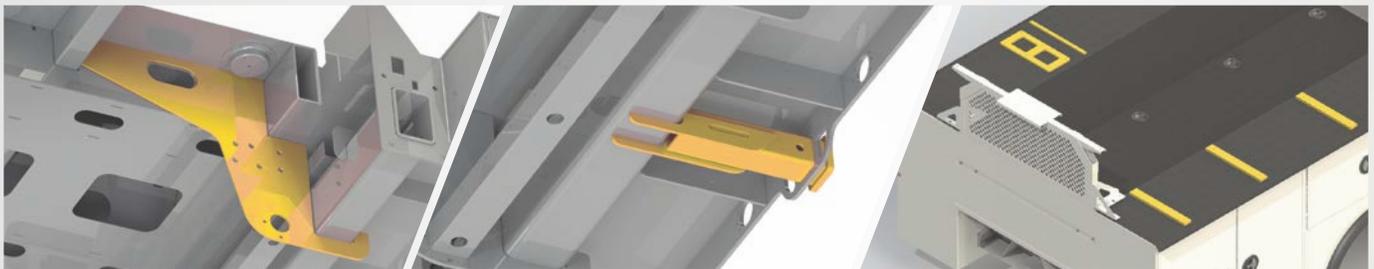
Designed from the start for crane applications and utilizing 10ga A-60 galvanneal steel, the hybrid torsion box eliminates truck frame twist and side pack deflection.

## STRUCTURAL CROSS MEMBERS PAYLOAD SUPPORT

Tubular 3" x 5" and 4" x 6" structural steel cross members interlace the torsion box to support compartment loads.

## OUTRIGGER HOUSING INTEGRATED LIFTING SUPPORT

Integrated outrigger tube reduces stress on chassis frame by transferring the crane load directly to the ground.



## REAR SHEAR PLATE BODY MOUNTS SECURE AND SUPPORTIVE MOUNTING

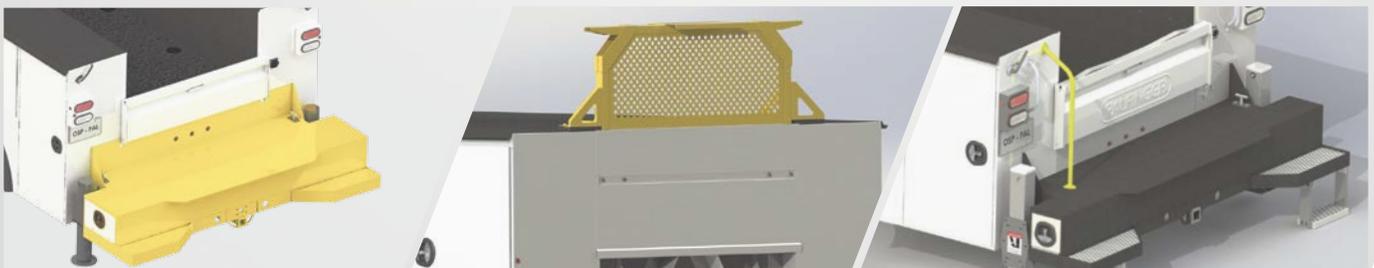
Steel plates prevent lateral body shift on chassis, providing additional support for crane loads.

## INTEGRATED HITCH RECEIVER CLASS 5 RECEIVER

2" I.D. receiver tube, attached directly to body structure. 16,000 lbs towing capacity. 15 ton pintle reinforcement plate included.

## THREADED WELDMENT OPTIONS TO PROTECT YOUR BODY

Boom rest, welder, compressor, EnPak, Air-n-Arc and AirPak mounts are available from the factory to eliminate the need to drill holes in the body.



## WORK BENCH BUILT FOR YOUR HARD WORK

A true mechanics work bench, featuring a 30" work bench bumper as standard, receiver hitch, 5/16" steel top plate and thru compartment for additional storage.

## HEADACHE RACK SAVES COSTLY REPAIRS

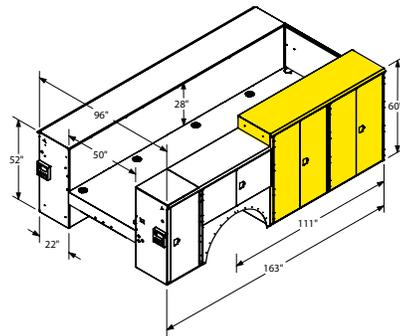
This light bar bracket with a punched screen prevents cargo area contents from making contact with the rear window of the cab-saving you from costly rear window repairs & cleanup.

## BOLT ON HANDRAIL OPTION FOR ADDED SAFETY

Ergonomically designed handrail option, with a stable surface to grip, for your added security against tripping or slipping hazards.

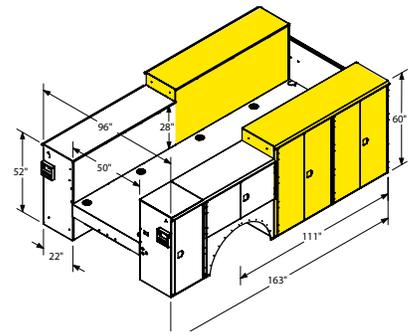
## STANDARD CONFIGURATIONS

### 86-14CS



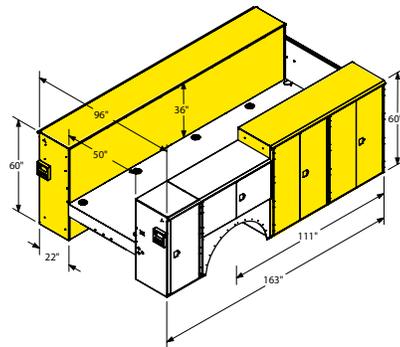
14' CS raised  
 52" H sidepacks  
 CS front compartments raised to 60"  
 14" tall one handed tailgate  
 Treadplate compartment overlays  
 Reinforced raised compartments

### 86-14SSCS



14' SCS raised  
 52" H sidepacks  
 CS front compartments raised to 60"  
 SS front compartments raised to 60"  
 14" tall one handed tailgate  
 Treadplate compartment overlays  
 Reinforced raised compartments

### 86-14SS60CS



14' SS60 and CS raised  
 52" H sidepacks  
 SS all compartments raised to 60"  
 CS front compartments raised to 60"  
 14" tall one handed tailgate  
 Treadplate compartment overlays  
 Reinforced raised compartments

## SERVICE CRANE

# PRODUCT RANGE

### TECHNICAL SPECIFICATIONS

MODEL	CAPACITY	RATED LIFTING MOMENT	MAX LIFTING MOMENT	BOOM EXTENSIONS	BOOM LENGTH	WINCH SPEED	STANDARD WEIGHT	CHASSIS SPECIFICATION
PSC 3216 E	4,000 lbs. (1,814 kg)	12,500 ft*lbs. (17 kNm (1.7 mt))	14,560 ft*lbs. (19.6 kNm (2 mt))	1 Hydraulic + 1 Manual (2 Hydraulic Option)	16 ft. (4.9 m)	21.2 ft./min (6.46 m/min)	650 lbs. (295 kg)	Class 3
PSC 3216 H	4,000 lbs. (1,814 kg)	12,500 ft*lbs. (17 kNm (1.7 mt))	14,560 ft*lbs. (19.6 kNm (2 mt))	1 Hydraulic + 1 Manual (2 Hydraulic Option)	16 ft. (4.9 m)	29.7 ft./min (9.05 m/min)	630 lbs. (286 kg)	Class 3
PSC 4016 E	4,000 lbs. (1,814 kg)	18,500 ft*lbs. (25.1 kNm (2.6 mt))	23,235 ft*lbs. (31.4 kNm (3.2 mt))	1 Hydraulic + 1 Manual (2 Hydraulic Option)	16 ft. (4.9 m)	21.2 ft./min (6.46 m/min)	650 lbs. (295 kg)	Class 3
PSC 4016 H	4,000 lbs. (1,814 kg)	18,500 ft*lbs. (25.1 kNm (2.6 mt))	23,235 ft*lbs. (31.4 kNm (3.2 mt))	1 Hydraulic + 1 Manual (2 Hydraulic Option)	16 ft. (4.9 m)	29.7 ft./min (9.05 m/min)	630 lbs. (286 kg)	Class 3
PSC 4025 E	4,000 lbs. (1,814 kg)	18,500 ft*lbs. (25.1 kNm (2.6 mt))	20,585 ft*lbs. (27.9 kNm (2.9 mt))	2 Hydraulic	25 ft. (7.6 m)	21.2 ft./min (6.46 m/min)	1,010 lbs. (458 kg)	Class 3
PSC 4025 H	4,000 lbs. (1,814 kg)	18,500 ft*lbs. (25.1 kNm (2.6 mt))	20,585 ft*lbs. (27.9 kNm (2.9 mt))	2 Hydraulic	25 ft. (7.6 m)	29.7 ft./min (9.05 m/min)	995 lbs. (451 kg)	Class 3
PSC 5025 E	5,000 lbs. (2,268 kg)	32,500 ft*lbs. (44.2 kNm (4.5 mt))	36,360 ft*lbs. (49.3 kNm (5 mt))	2 Hydraulic	25 ft. (7.6 m)	18.8 ft./min (5.73 m/min)	1,170 lbs. (530 kg)	Class 4
PSC 5025 H	5,000 lbs. (2,268 kg)	32,500 ft*lbs. (44.2 kNm (4.5 mt))	36,360 ft*lbs. (49.3 kNm (5 mt))	2 Hydraulic	25 ft. (7.6 m)	56 ft./min (17.07 m/min)	1,155 lbs. (525 kg)	Class 4
PSC 6025 E	6,000 lbs. (2,750 kg)	38,500 ft*lbs. (52.2 kNm (5.3 mt))	42,800 ft*lbs. (58.0 kNm (5.9 mt))	2 Hydraulic	25 ft. (7.6 m)	43.3 ft./min (13.20 m/min)	1,280 lbs. (580 kg)	Class 4
PSC 6025 H	6,000 lbs. (2,750 kg)	38,500 ft*lbs. (52.2 kNm (5.3 mt))	42,800 ft*lbs. (58.0 kNm (5.9 mt))	2 Hydraulic	25 ft. (7.6 m)	51 ft./min (15.54 m/min)	1,230 lbs. (560 kg)	Class 4
PSC 8029 H	8,000 lbs. (3,650 kg)	43,000 ft*lbs. (58.3 kNm (5.9 mt))	49,180 ft*lbs. (66.5 kNm (6.8 mt))	2 Hydraulic	29 ft. (8.9 m)	60 ft./min (18.28 m/min)	2,149 lbs. (975 kg)	Class 5
PSC 10829 H	10,800 lbs. (4,900 kg)	62,000 ft*lbs. (84.1 kNm (8.6 mt))	68,900 ft*lbs. (93.2 kNm (9.5 mt))	2 Hydraulic	29 ft. (8.9 m)	60 ft. /min (18.28 m/min)	2,407 lbs. (1,092 kg)	Class 6
PSC 12529 H	12,500 lbs. (5,700 kg)	72,000 ft*lbs. (97.6 kNm (10 mt))	79,450 ft*lbs. (107.7 kNm (11 mt))	2 Hydraulic	29 ft. (8.9 m)	60 ft./min (18.28 m/min)	2,731 lbs. (1,239 kg)	Class 6
PSC 14029 H	14,000 lbs. (6,400 kg)	86,000 ft*lbs. (116.6 kNm (11.9 mt))	94,676 ft*lbs. (128.4 kNm (13 mt))	2 Hydraulic	29 ft. (8.9 m)	60 ft. /min (18.28 m/min)	2,833 lbs. (1,285 kg)	Class 7



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Cranes shown in the leaflet are partially optional equipped and do not always correspond to the standard version. All PSC models are subject to change as PALFINGER updates, improves, and technologically advances their cranes and the industry.

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