

**PALFINGER**

LIFETIME EXCELLENCE

# MATERIAL HANDLING CRANES PW-SERIES





# MATERIAL HANDLING CRANES

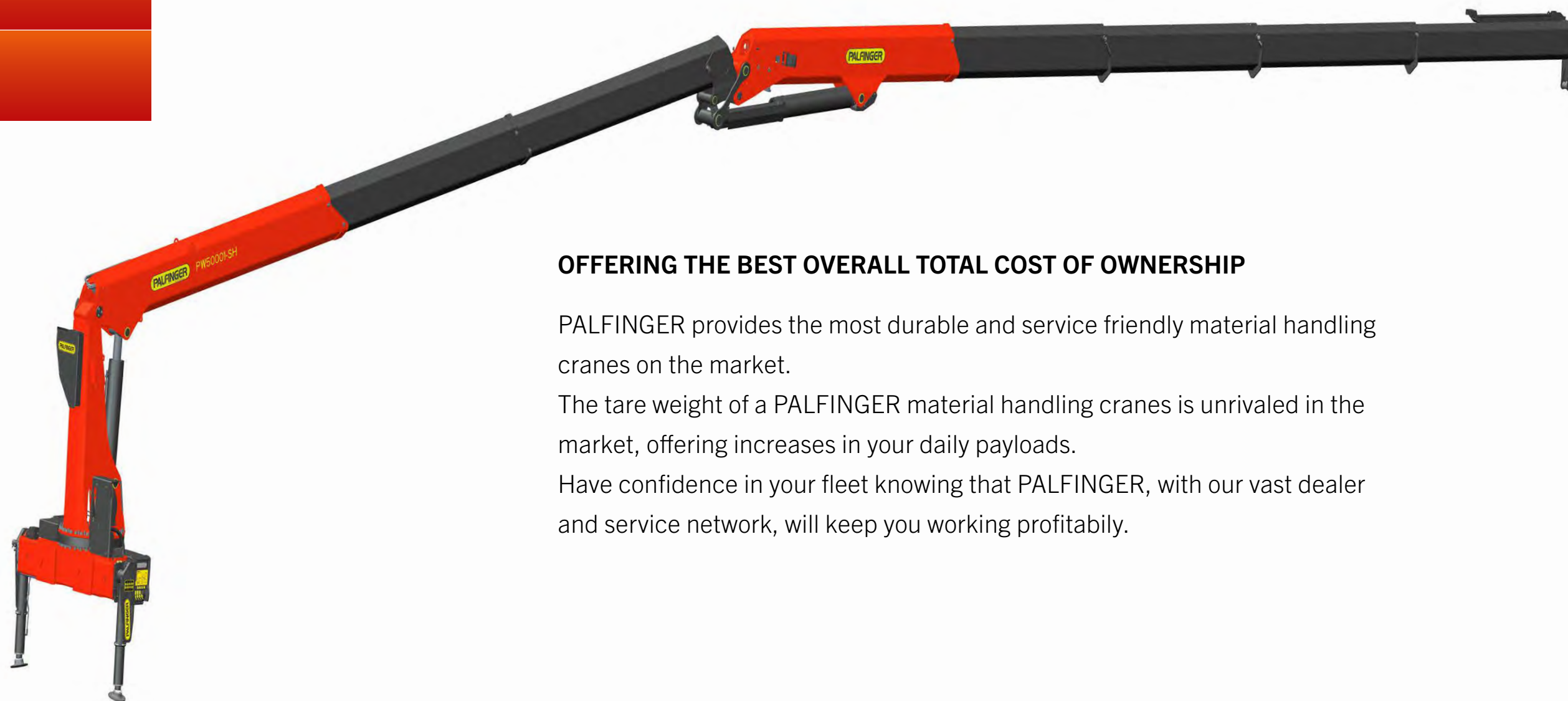
## PW-SERIES



GENERAL

TECHNICAL DATA

APPLICATIONS



### OFFERING THE BEST OVERALL TOTAL COST OF OWNERSHIP

PALFINGER provides the most durable and service friendly material handling cranes on the market.

The tare weight of a PALFINGER material handling cranes is unrivaled in the market, offering increases in your daily payloads.

Have confidence in your fleet knowing that PALFINGER, with our vast dealer and service network, will keep you working profitably.



LIFETIME EXCELLENCE

# MATERIAL HANDLING CRANES

## PW-SERIES



| GENERAL       |                                 | TECHNICAL DATA                    |                  |                      | APPLICATIONS                           |                          |                        |                                   |
|---------------|---------------------------------|-----------------------------------|------------------|----------------------|----------------------------------------|--------------------------|------------------------|-----------------------------------|
| MODEL         | MAX. LIFTING<br>MOMENT (FT.IBS) | GROSS ROTATION<br>TORQUE (FT.IBS) | SLEWING<br>RANGE | STABILIZER<br>SPREAD | WEIGHT<br>(FL, R3X,<br>STZS3, 4) (IBS) | MAX. HORIZONTAL<br>REACH | MAX. VERTICAL<br>REACH | MAX. HORIZONTAL<br>CAPACITY (IBS) |
| PW 32001 A    | 194,850                         | 42,700                            | 470°             | 22' 5"               | 6,742                                  | 43'                      | 55'6"                  | 4,450 @ 42'                       |
| PW 32001 B    | 174,270                         | 42,700                            | 470°             | 22' 5"               | 7,716                                  | 52'8"                    | 64'8"                  | 2,950 @ 52'                       |
| PW 32001 C    | 159,890                         | 42,700                            | 470°             | 22' 5"               | 8,440                                  | 61'                      | 73'2"                  | 2,050 @ 61'                       |
| PW 35001-SH A | 218,230                         | 42,700                            | 470°             | 22' 5"               | 6,742                                  | 43'                      | 55'6"                  | 5,000 @ 42'                       |
| PW 35001-SH B | 197,650                         | 42,700                            | 470°             | 22' 5"               | 7,716                                  | 52'8"                    | 64'8"                  | 3,400 @ 52'                       |
| PW 35001-SH C | 183,270                         | 42,700                            | 470°             | 22' 5"               | 8,440                                  | 61'                      | 73'2"                  | 2,450 @ 61'                       |
| PW 38001 B    | 227,180                         | 51,330                            | 470°             | 25' 1"               | 8,550                                  | 52'9"                    | 64'8"                  | 3,950 @ 52'                       |
| PW 38001 C    | 231,430                         | 51,330                            | 470°             | 25' 1"               | 9,240                                  | 61'                      | 73'2"                  | 2,900 @ 61'                       |
| PW 42001-SH B | 256,110                         | 51,330                            | 470°             | 25' 1"               | 8,770                                  | 52'9"                    | 64'8"                  | 4,500 @ 52'                       |
| PW 42001-SH C | 241,640                         | 51,330                            | 470°             | 25' 1"               | 9,480                                  | 61'                      | 73'2"                  | 3,350 @ 61'                       |
| PW 50001-SH C | 253,220                         | 51,330                            | 470°             | 25' 1"               | 11,710                                 | 80'9"                    | 93'                    | 1,780 @ 76'                       |



LIFETIME EXCELLENCE

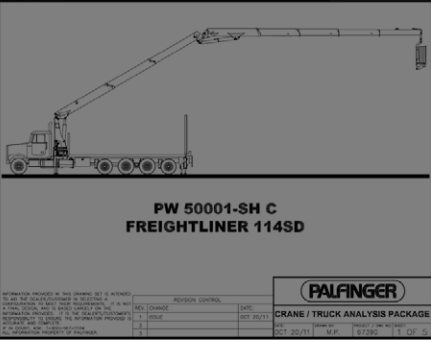
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ABOUT US



→ ENGINEERING SERVICES

Dealer installations are carried out through PALFINGER engineering services to ensure optimum layout, weight distribution and stability.

# MATERIAL HANDLING CRANES

## PW-SERIES



| GENERAL     | ENGINEERING SERVICE                               |                                |
|-------------|---------------------------------------------------|--------------------------------|
| MODEL       | STABILITY ANALYSIS                                | MAX. HORIZONTAL CAPACITY (IBS) |
| PW 32001 A  | RAWING SHOWS THE STABILITY OF THE FINISHED TRUCK. | 4,450 @ 42'                    |
| PW 32001 B  | WEIGHT DISTRIBUTION                               | 2,950 @ 52'                    |
| PW 32001 C  | FINAL LAYOUT                                      | 2,050 @ 61'                    |
| PW 35001-SH | TRUCK SPECIFICATION                               | 5,000 @ 42'                    |
| PW 35001-SH |                                                   | 3,400 @ 52'                    |
| PW 35001-SH |                                                   | 2,450 @ 61'                    |
| PW 38001 B  |                                                   | 3,950 @ 52'                    |
| PW 38001 C  |                                                   | 2,900 @ 61'                    |
| PW 42001-SH |                                                   | 4,500 @ 52'                    |
| PW 42001-SH |                                                   | 3,350 @ 61'                    |
| PW 50001-SH |                                                   | 1,780 @ 76'                    |



LIFETIME EXCELLENCE

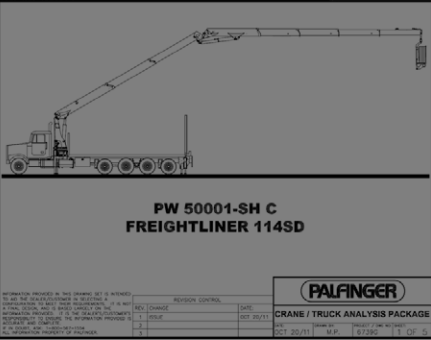
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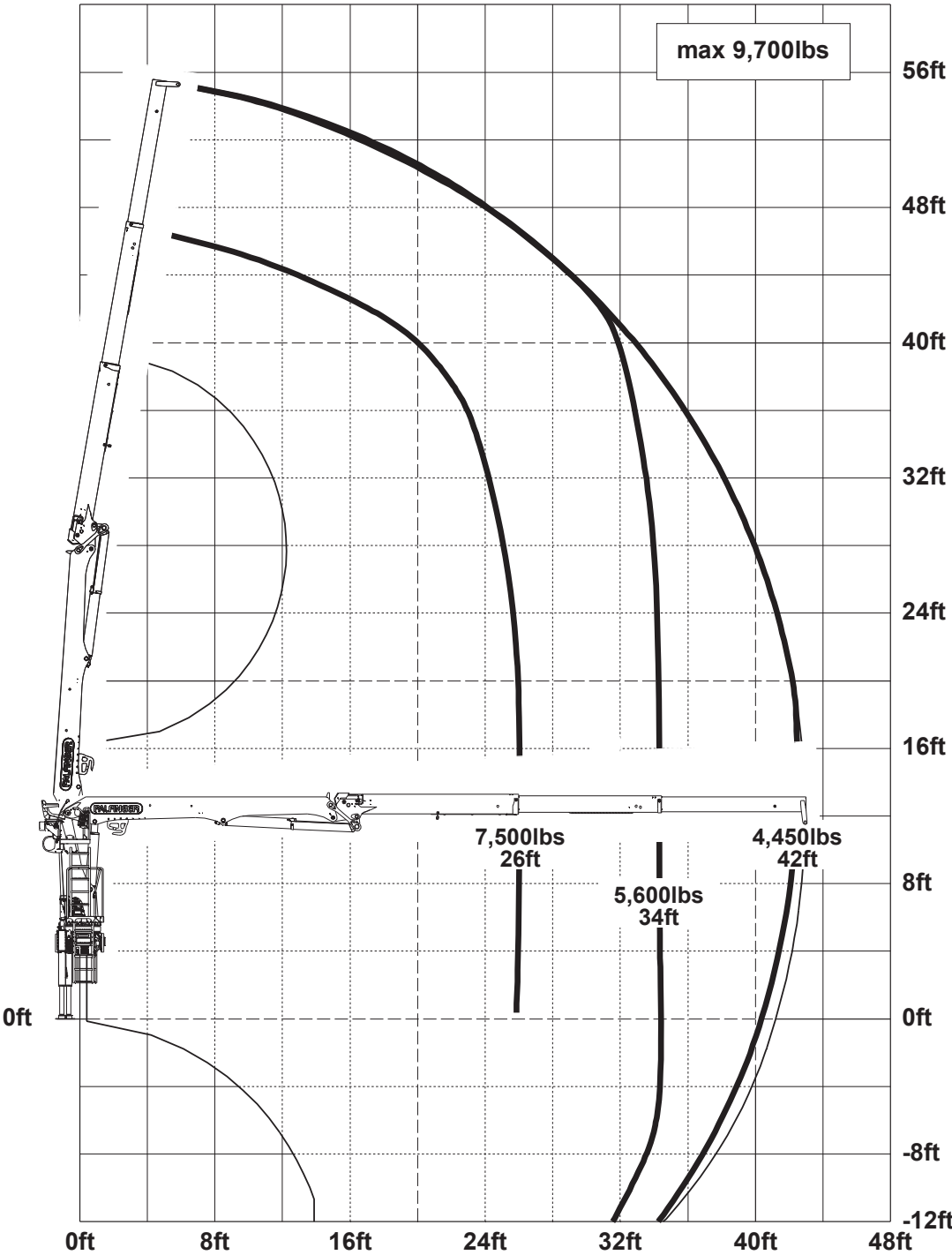
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MATERIAL  
PW-SERIES

GENERAL

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| PW 38001 B    | 227,180                         |
| PW 38001 C    | 231,430                         |
| PW 42001-SH B | 256,110                         |
| PW 42001-SH C | 241,640                         |
| PW 50001-SH C | 253,220                         |

PW 32001 A



MAX. HORIZONTAL  
CAPACITY (IBS)

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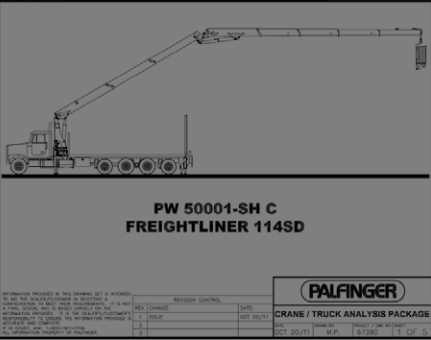
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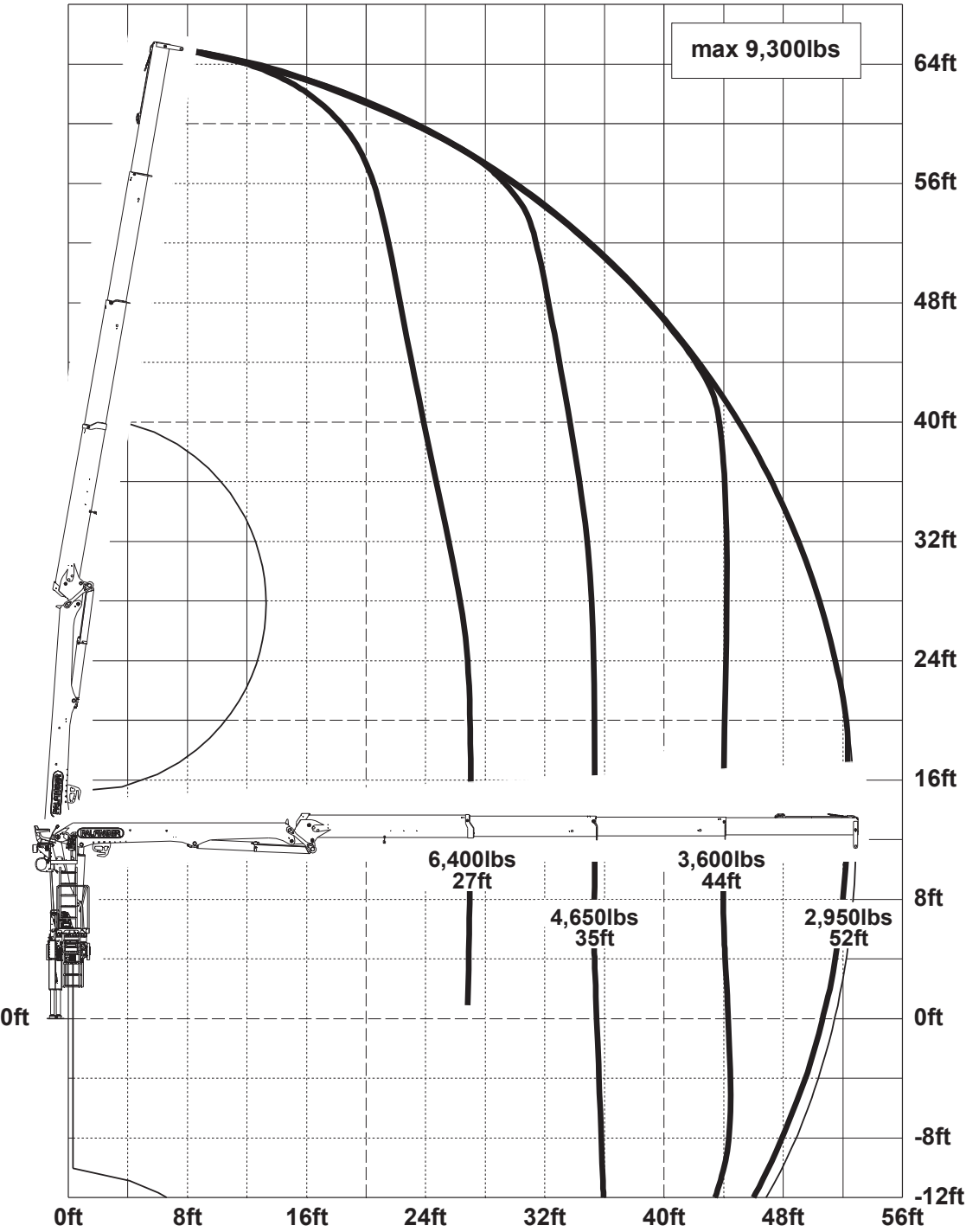
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PW-SERIES

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PW 32001 B



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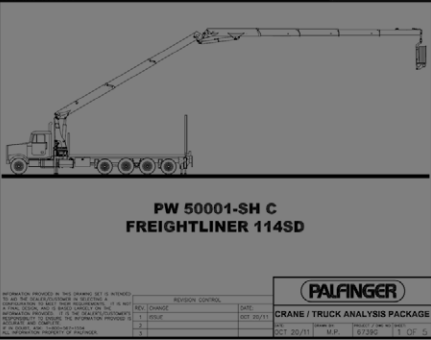
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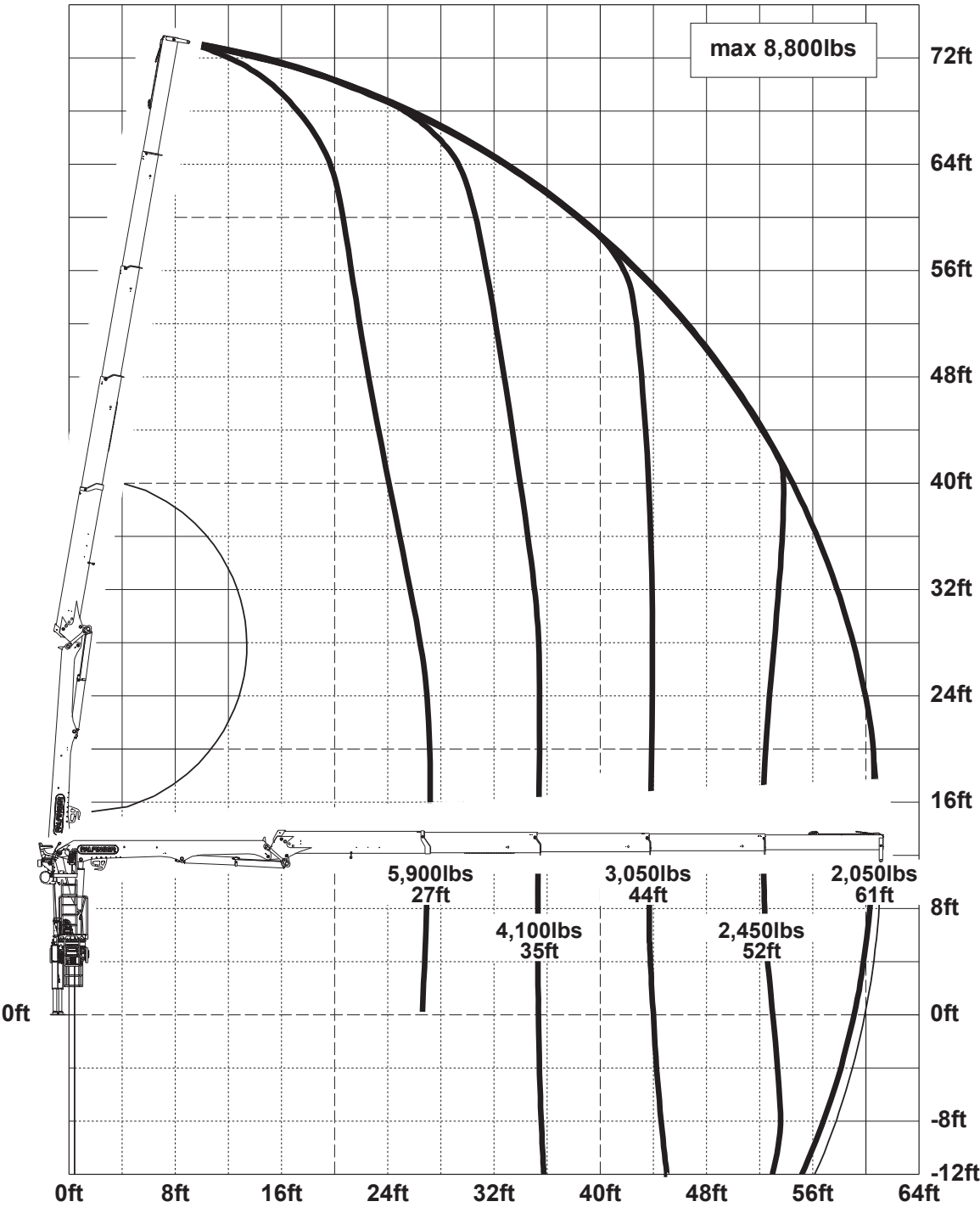
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PW 32001 C



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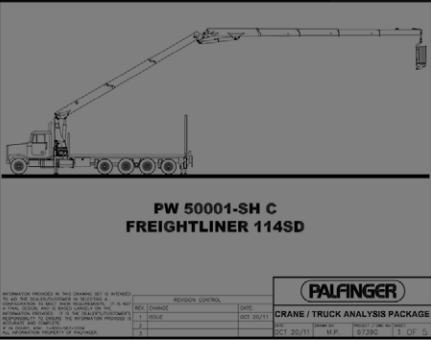
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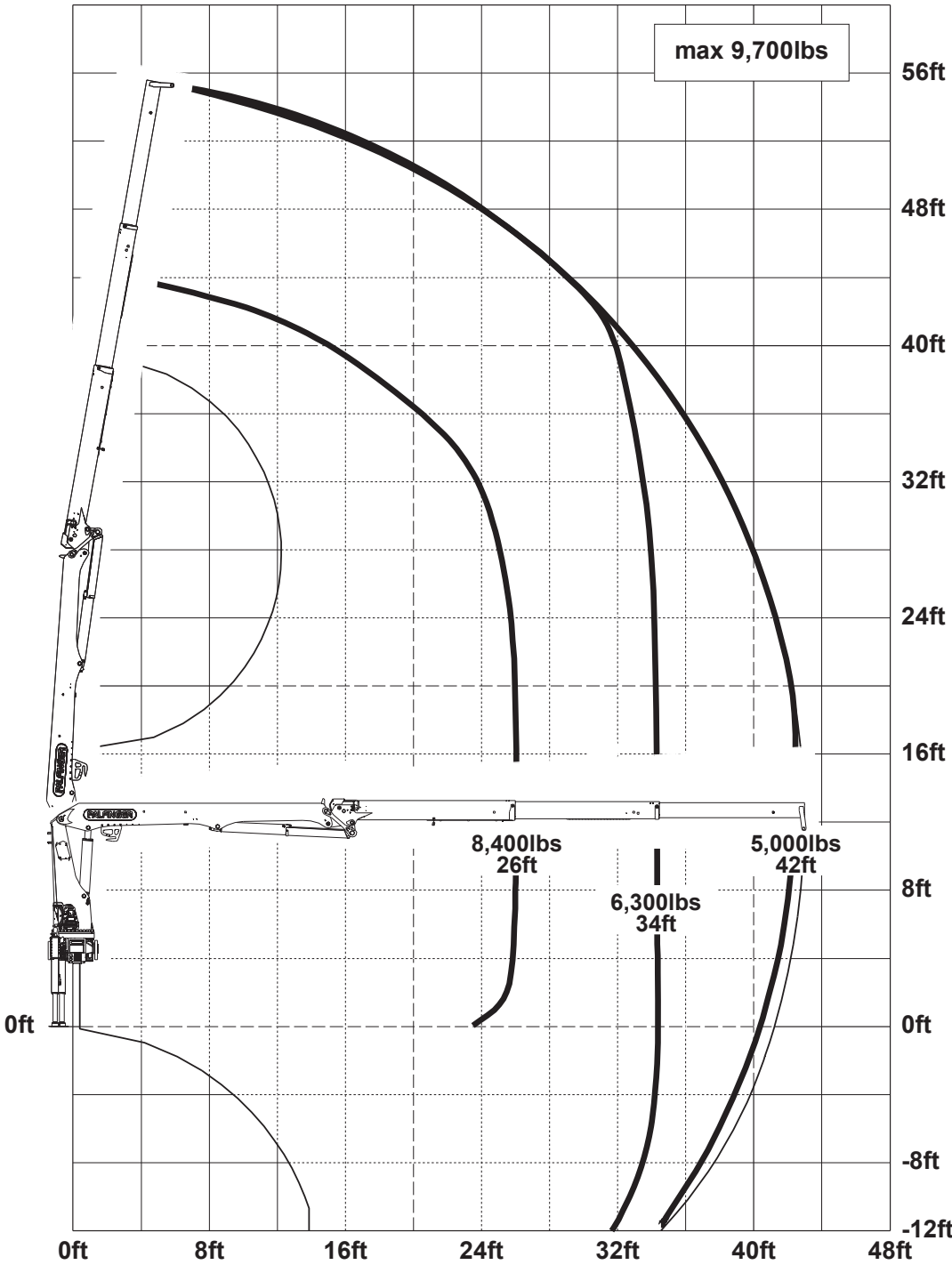
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MATERIAL  
PW-SERIES

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PW 35001-SH A



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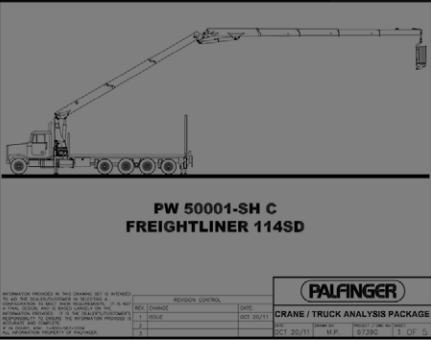
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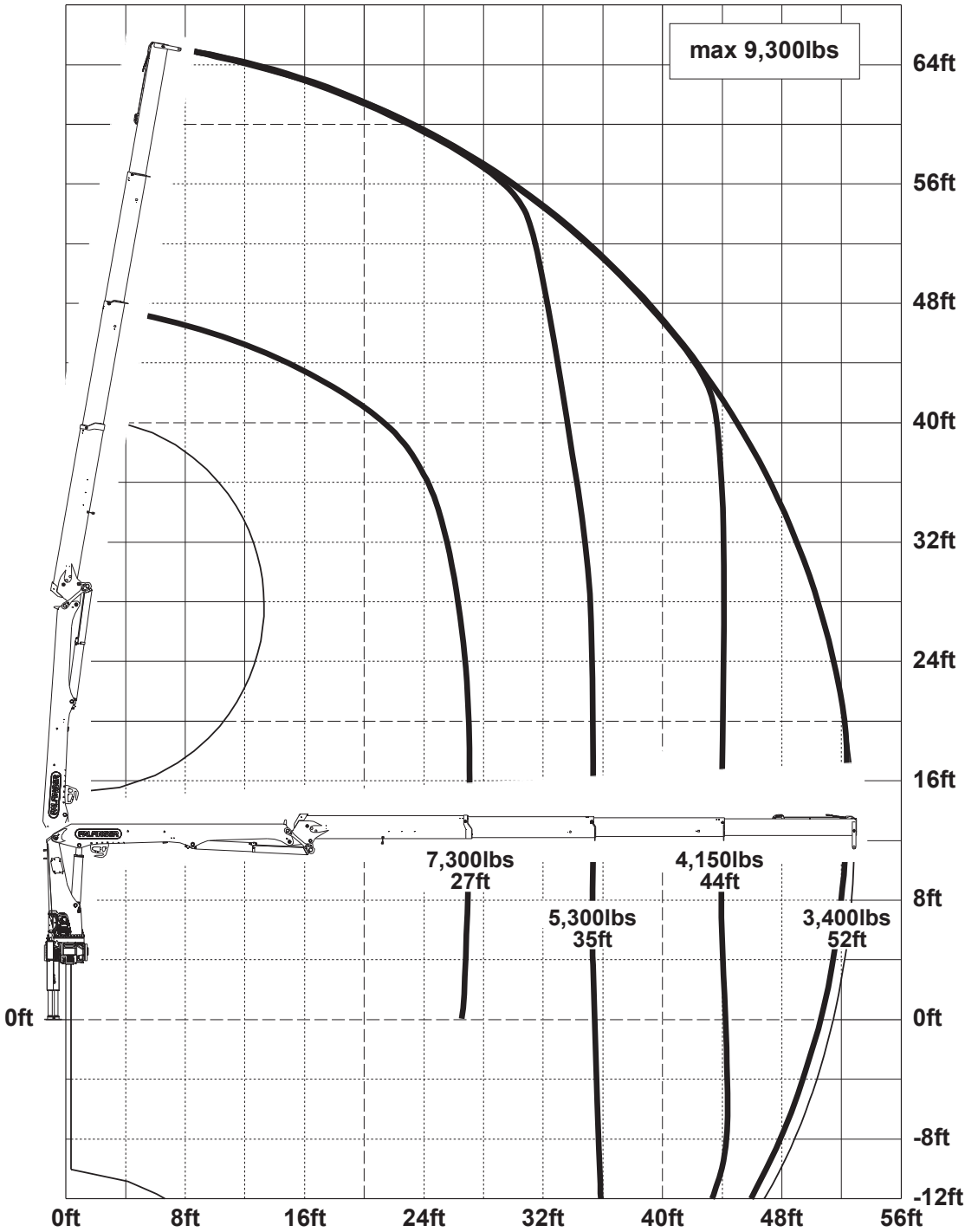
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PW 35001-SH B



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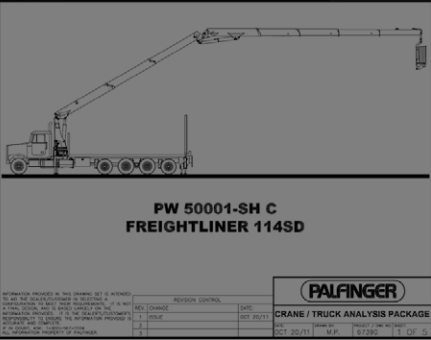
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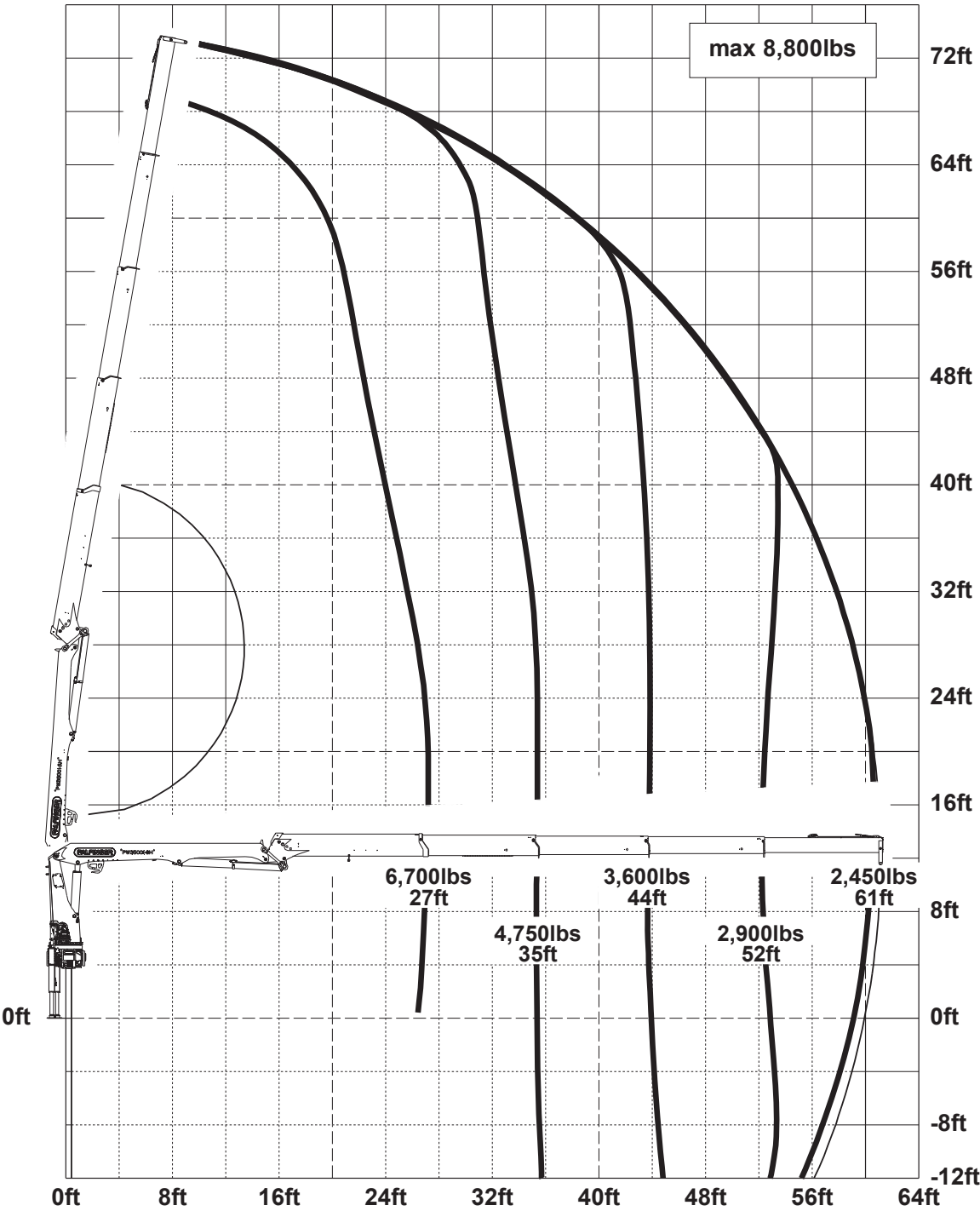
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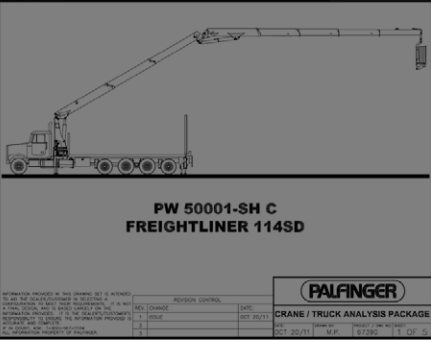
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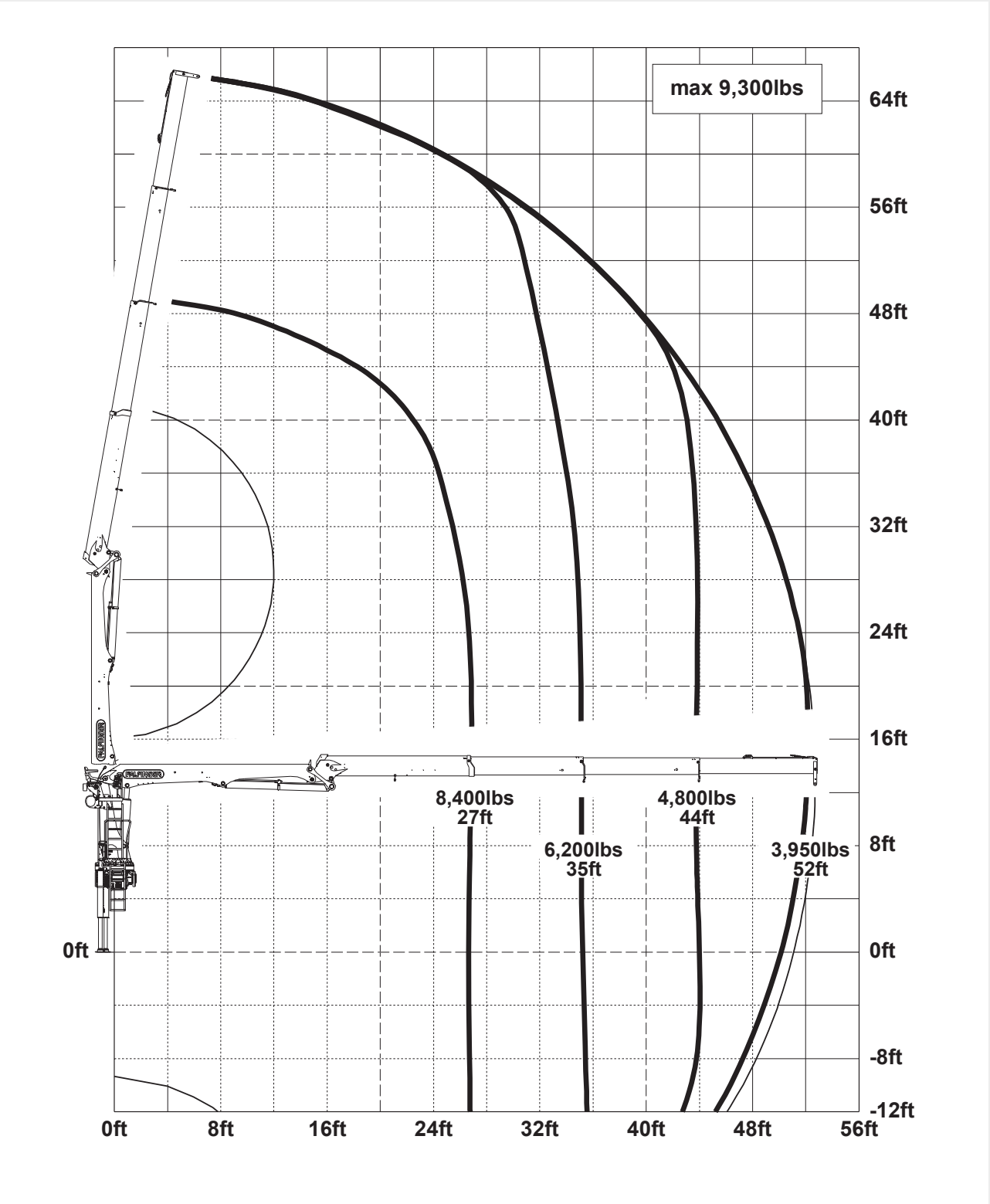
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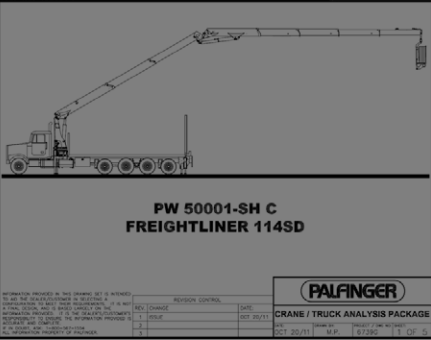
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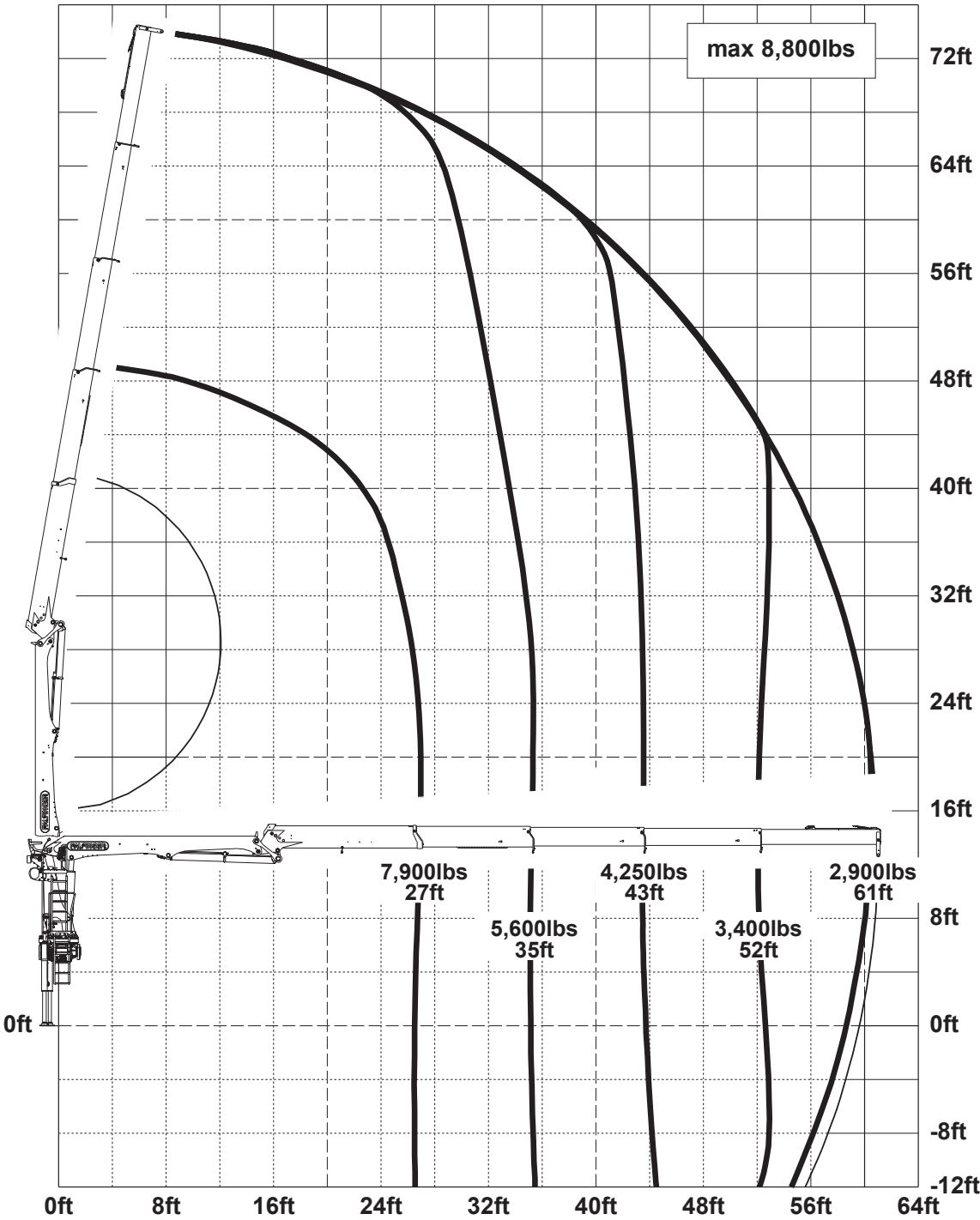
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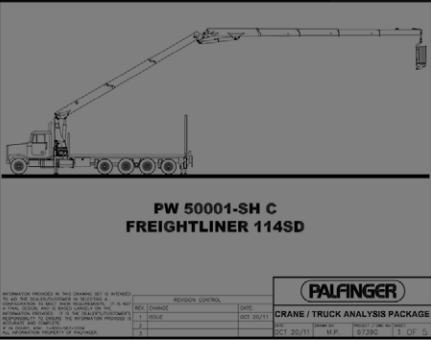
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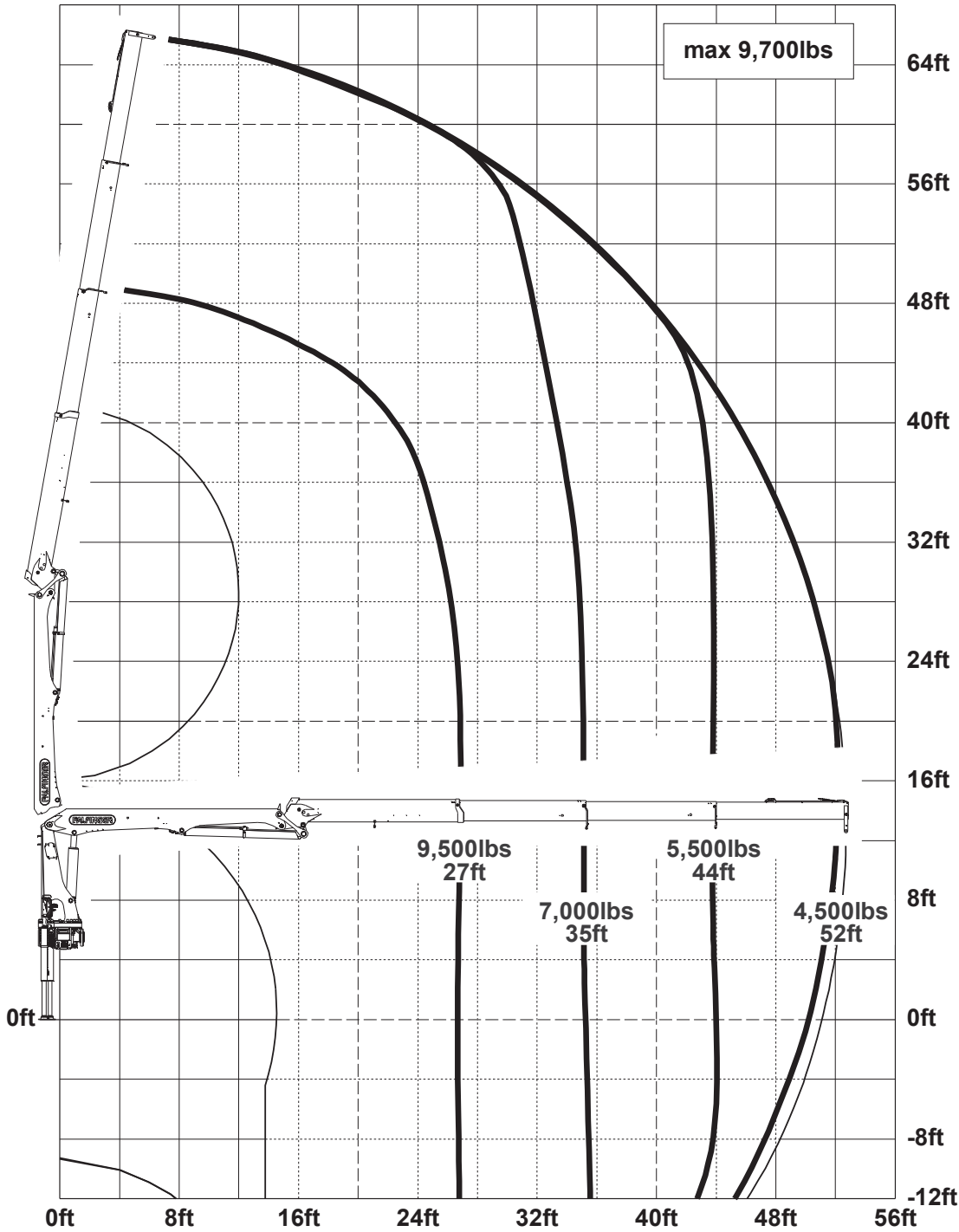
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PW 42001-SH B



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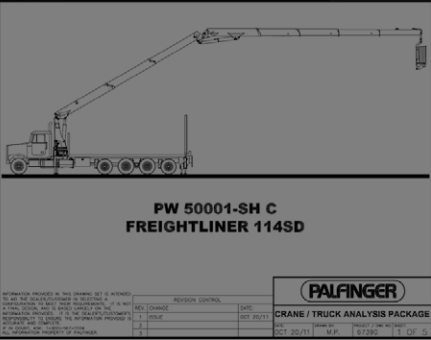
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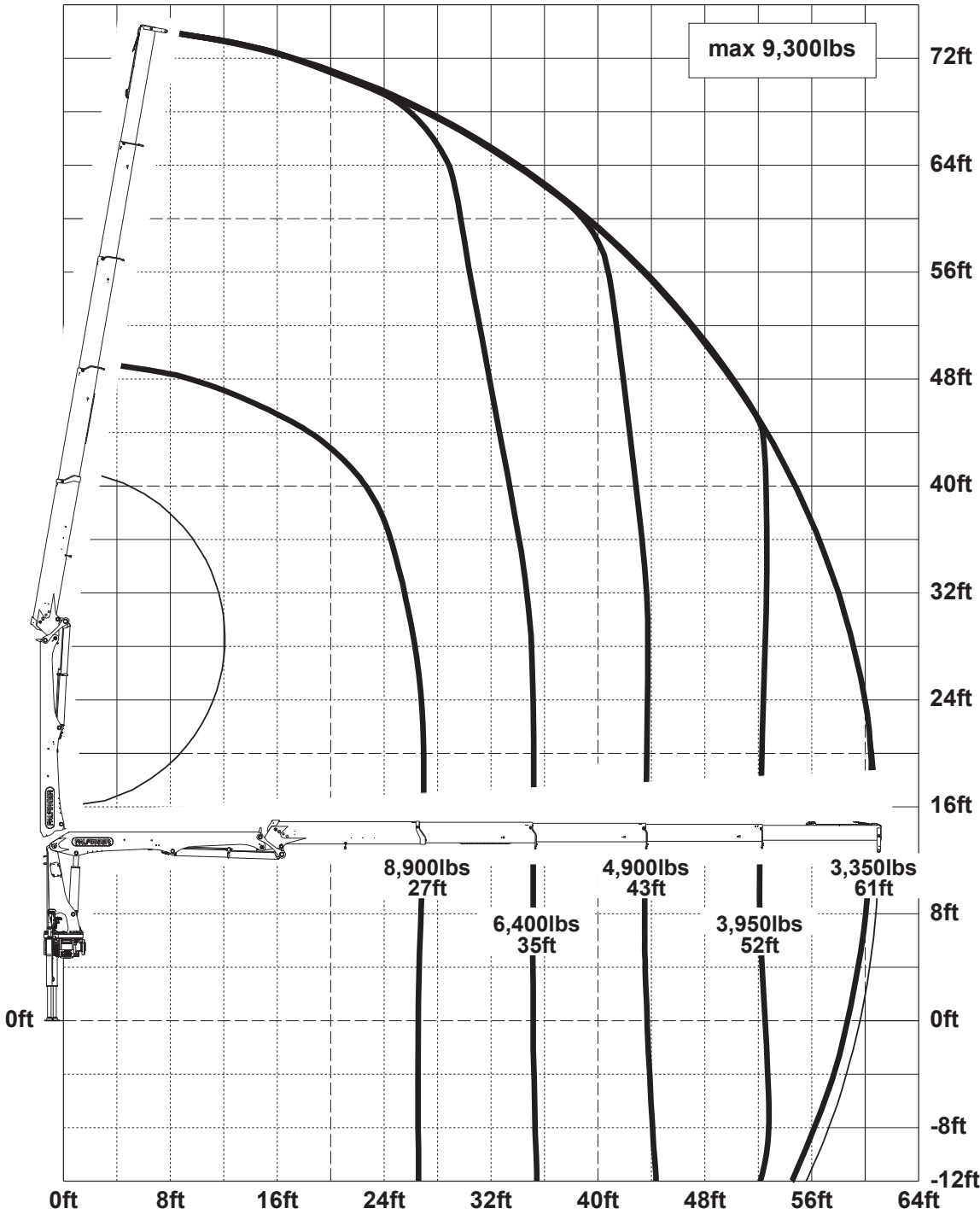
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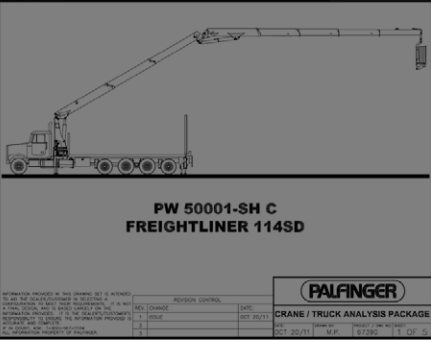
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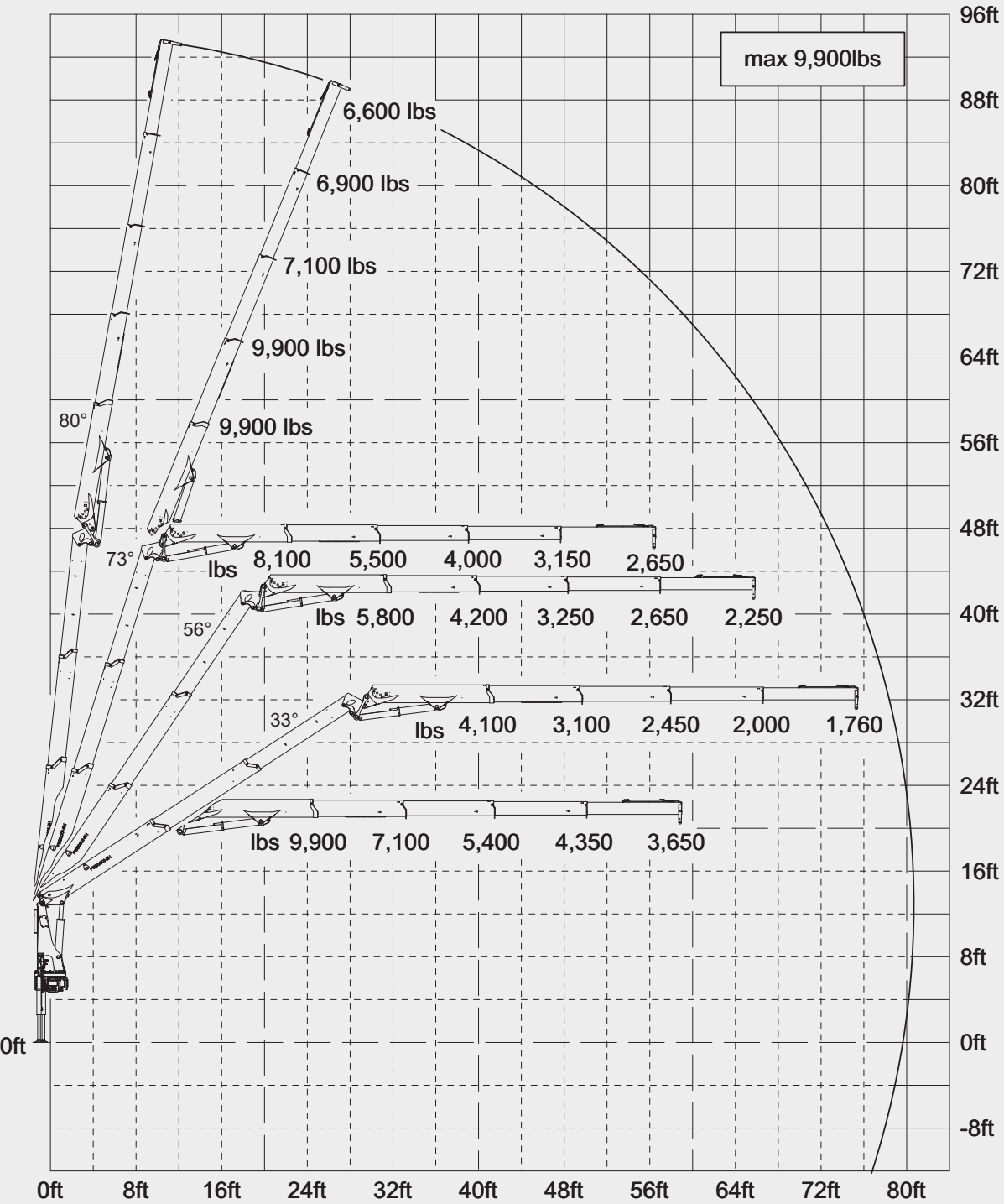
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## PW-SERIES



GENERAL

TECHNICAL DATA

APPLICATIONS

### **Rely on PALFINGER for a variety of material handling applications!**

Maximize your delivery times thanks to the low dead weight of PALFINGER Material Handling Cranes, as the increased legal payloads allow you to transport more materials in each delivery.

With every job, feel confident that your materials will be delivered with smooth and precise operations and enjoy the paybacks in productivity.



# MATERIAL HANDLING CRANES PW-SERIES



GENERAL

TECHNICAL DATA

APPLICATIONS



## **Rely on PALFINGER for a variety of material handling applications!**

Maximize your delivery times thanks to the low dead weight of PALFINGER Material Handling Cranes, as the increased legal payloads allow you to transport more materials in each delivery.

With every job, feel confident that your materials will be delivered with smooth and precise operations and enjoy the paybacks in productivity.

# MATERIAL HANDLING CRANES PW-SERIES



GENERAL

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# MATERIAL HANDLING CRANES

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**PALFINGER**

LIFETIME EXCELLENCE

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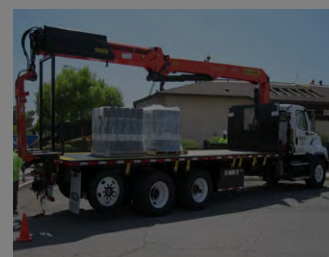
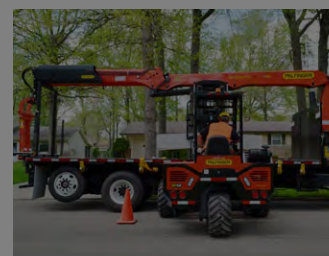
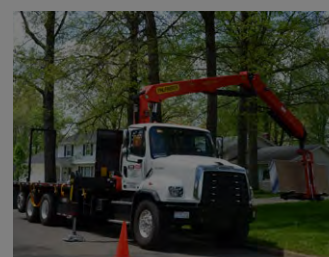
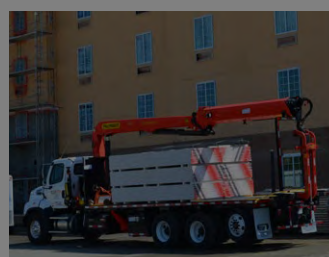
SERVICE

ABOUT US

# MATERIAL HANDLING PW-SERIES

GENERAL

TECHNICAL



→ SEE OUR FANS

**Rely on PALFINGER for a variety of material handling tasks.** Maximize your delivery times thanks to the flexibility of our Material Handling Cranes, as the increased capacity allows you to transport more materials in each delivery. With every job, feel confident that your operations are safe and precise operations and enjoy the peace of mind that comes with Palfinger.



**“WITH PALFINGER, I CAN RUN  
MULTIPLE FUNCTIONS AT ONCE ...**

...with precision and control. With other cranes, I could not boom out, rotate and lift at the same time without the crane slowing down. PALFINGER cranes are faster and smoother – very impressive machines!”

Jason, Crane Operator, Eikenhout  
Grand Rapids, MI





**PALFINGER**

LIFETIME EXCELLENCE

# MATERIAL HANDLING CRANES **PW-SERIES**





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# MATERIAL HANDLING CRANES PW-SERIES



LOW-MAINTENANCE  
EXTENSION SYSTEM



POWER LINK



## PALTRONIC 50 & PALTRONIC 150

- ➔ Latest control electronics
- ➔ Most important safety and comfort functions, offering smooth control, safe operation with overload cut-off and capacity display



## AOS

- ➔ ACTIVE OSCILLATION SUPPRESSION
- ➔ Patented PALFINGER System
- ➔ Dampens the boom system of the crane
- ➔ Compensating for vibration and shock
- ➔ Significant increase in safety



## RRC

- ➔ PALFINGER radio remote control
- ➔ Equipped with linear leavers
- ➔ Providing the greatest possible comfort of the operator
- ➔ PALTRONIC 50 cranes with LED capacity display
- ➔ PALTRONIC 150 cranes with LCD capacity display



## KTL

- ➔ Innovative technology for surface coating
- ➔ Foundation for durable and long-lasting surface protection
- ➔ PALFINGER Quality Standard - usually only found in the automobile industry





LIFETIME EXCELLENCE

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# MATERIAL HANDLING CRANES PW-SERIES



**LOW-MAINTENANCE  
EXTENSION SYSTEM**  
REDUCES SERVICE TIME

With sliding elements made of synthetic material and the high-quality KTL coating, this boom system significantly simplifies service performed by the operator. This saves time and money – and protects the environment.

Paltronic  
50  
controlled

Paltronic  
150  
controlled

AOS  
Active Oscillation Suppression  
inside

RRC  
Radio Remote Control  
operated

KTL  
protected

+





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+ POWER LINK

+ LOW-MAINTENANCE  
EXTENSION SYSTEM

TRANSPORT SWITCHES +

+ TURNTABLE SLEWING SYSTEM

STABILIZER LIGHTS +

+

Paltronic  
50  
controlled

Paltronic  
150  
controlled

AOS  
Active Oscillation Suppression  
inside

RRC  
Radio Remote Control  
operated

KTU  
protected



## POWER LINK

The linkage system is a special connection between the knuckle boom and main boom. It increases the lifting power of the crane in the most important boom positions and maintains a constant lifting speed.



LIFETIME EXCELLENCE

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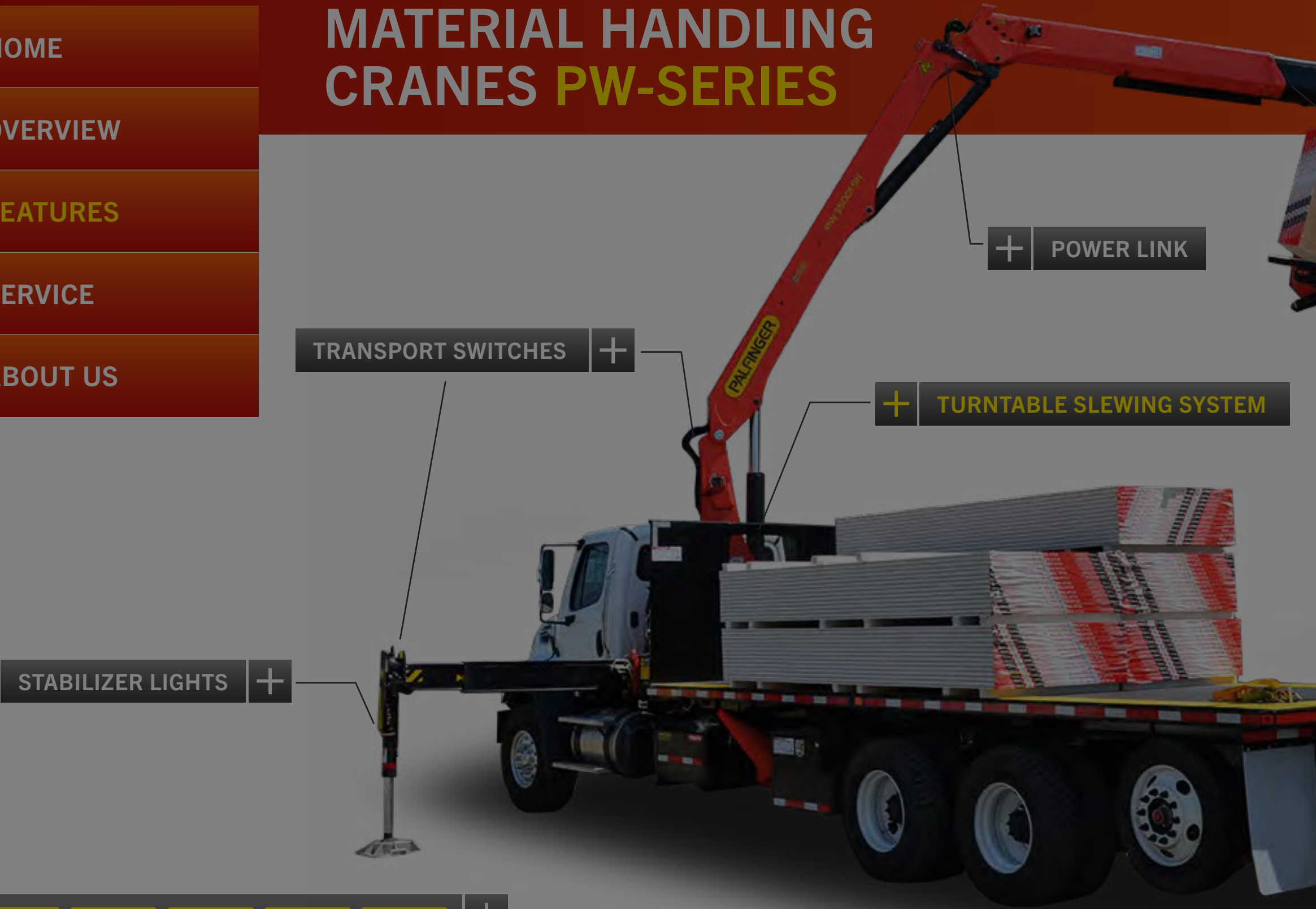
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# MATERIAL HANDLING CRANES PW-SERIES



+ POWER LINK

+ LOW-MAINTENANCE  
EXTENSION SYSTEM

TRANSPORT SWITCHES +

+ TURNTABLE SLEWING SYSTEM

STABILIZER LIGHTS +

Paltronic  
50  
controlled

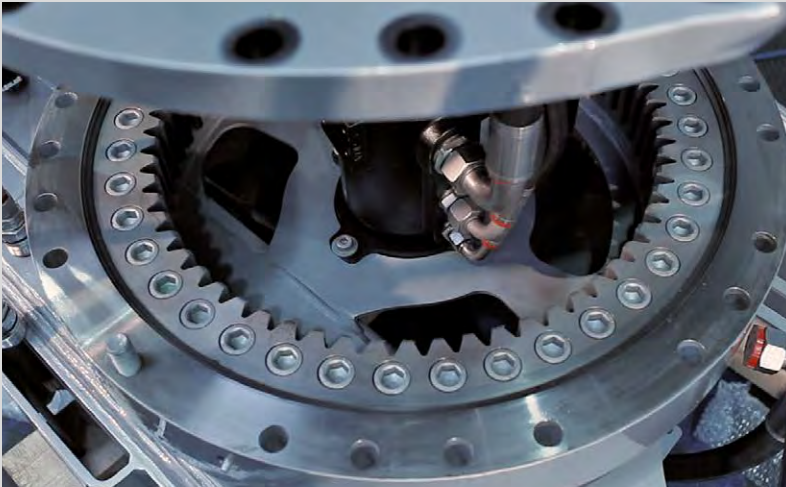
Paltronic  
150  
controlled

AOS  
Active Oscillation Suppression  
inside

RRC  
Radio Remote Control  
operated

KTU  
protected

+



## TURNTABLE SLEWING SYSTEM

The PALFINGER Slewing System offers superior slewing performance. The crane is rotated or ‘slewed’ using dual drive hydraulic motors, rather than a rack and pinion. Similar to excavators, the turntable slewing systems come standard with dual drive hydraulic motors offering smooth and powerful control.





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# MATERIAL HANDLING CRANES PW-SERIES



+ POWER LINK

+ LOW-MAINTENANCE  
EXTENSION SYSTEM

TRANSPORT SWITCHES +

+ TURNTABLE SLEWING SYSTEM

STABILIZER LIGHTS +



## WARNING LIGHTS ON THE STABILIZERS

The LED warning lights on the stabilizer cylinders are used for better visibility of the outrigger position and the stabilizer cylinder. When the stabilizers are visible, safety is increased for the operator, pedestrians and surrounding traffic.

Paltronic  
50  
controlled

Paltronic  
150  
controlled

AOS  
Active Oscillation Suppression  
inside

RRC  
Radio Remote Control  
operated

KTU  
protected

+





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+ LOW-MAINTENANCE  
EXTENSION SYSTEM

+ POWER LINK

TRANSPORT SWITCHES +

+ TURNTABLE SLEWING SYSTEM

STABILIZER LIGHTS +

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50  
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AOS  
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RRC  
Radio Remote Control  
operated

KTL  
protected

+



## TRANSPORT SWITCHES

Factory-mounted switches to indicate transport positions offer well-protected mounting locations and a clean appearance.

- ➔ Boom in transport position switch. (TRAN2)
- ➔ Outriggers and stabilizers retracted. (ABSTW)

# MATERIAL HANDLING CRANES

## PW-SERIES



### SERVICE NETWORK

### SPARE PARTS

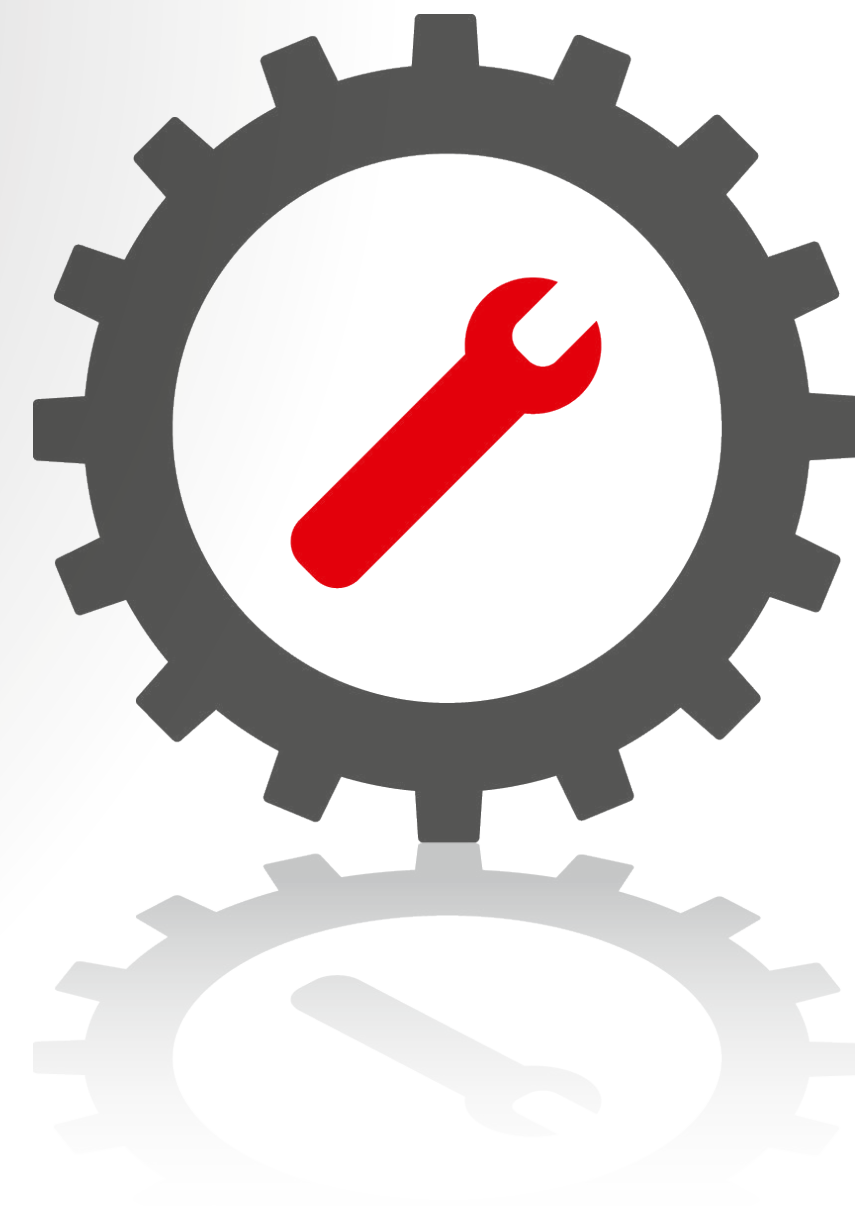
### WARRANTY

Your PALFINGER Crane will be a strong partner for all of your Material Handling needs. Enjoy the pay backs of increased productivity and maximized delivery times while experiencing minimal downtime for your business.

Should you encounter a problem - rely on the expertise and experience of our factory trained service network. Count on PALFINGER - we will put you back on the job.

#### RELIABILITY MEANS:

- ➔ After sales and service support
- ➔ Experienced service staff
- ➔ Service training at PALFINGER University
- ➔ Overnight parts delivery (within 24 h)
- ➔ Warranty programs



# MATERIAL HANDLING CRANES PW-SERIES



SERVICE NETWORK

SPARE PARTS

WARRANTY

Ease of service and low maintenance on equipment is important in the material handling industry. PALFINGER has a strong and growing service network across North America, with over 50 Service partners specializing in PALFINGER PW-Cranes.





# MATERIAL HANDLING CRANES PW-SERIES



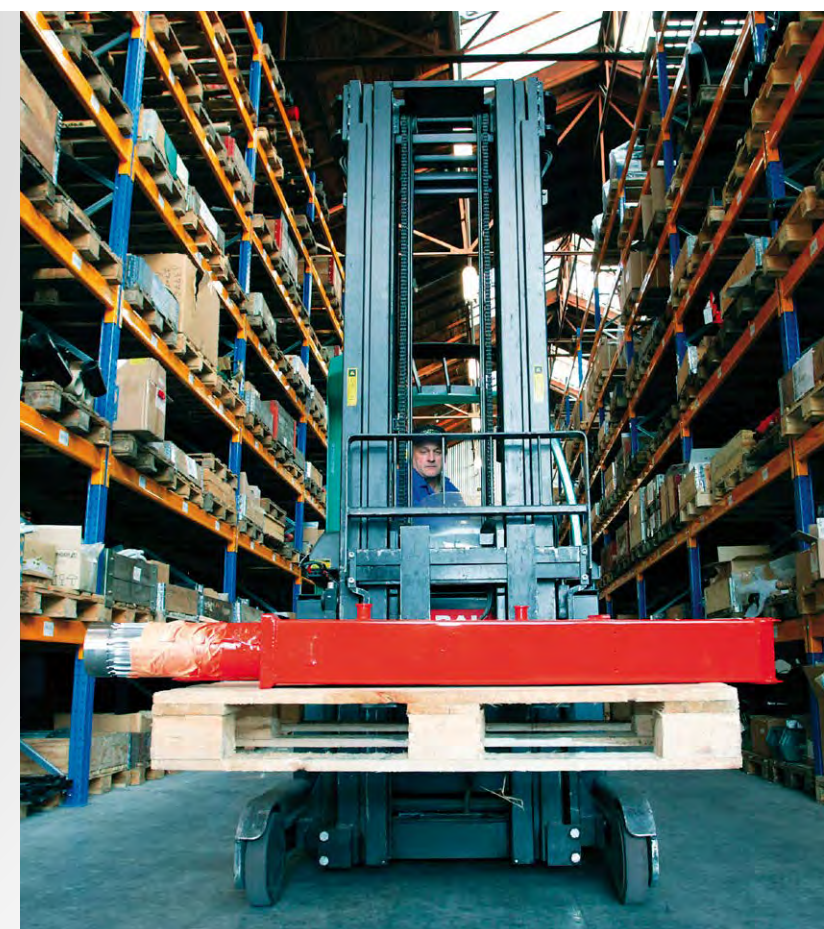
SERVICE NETWORK

SPARE PARTS

WARRANTY

We know that your business demands more than just top-quality products and that is why PALFINGER parts are your best choice for performance and reliability. We will provide you with genuine PALFINGER spare parts and components that will ensure long life and low maintenance costs for your PALFINGER equipment.

Your local PALFINGER dealer / distributor is the first line of customer parts service. As a company, PALFINGER is dedicated to keeping our dealers equipped with access to a large inventory of spare parts and experienced parts staff.



# MATERIAL HANDLING CRANES

## PW-SERIES



SERVICE NETWORK

SPARE PARTS

WARRANTY

PALFINGER cranes are quality products.

We guarantee maximum cost-effectiveness through a comprehensive warranty plan.

### MORE EFFICIENCY IN USE

- ➔ 12 months full warranty on all cranes
- ➔ 24 months warranty on radio remote controls
- ➔ 36 months warranty on all load-bearing parts of cranes that work in hook operation (24 months in grab operation)

### EXTENDED WARRANTY

- ➔ Warranty extension up to 24 months full warranty possible
- ➔ Warranty extension up to 36 months full warranty possible

Contact your PALFINGER representative to see our full warranty policy for details and limitations.



# PALFINGER NORTH AMERICA GROUP

LIFETIME EXCELLENCE

SALES NETWORK

MANUFACTURING



## A STRONG GLOBAL PARTNER - YOU CAN RELY ON

- Founded in 1932
- Leading international manufacturer of innovative lifting solutions
- Over 9,100 employees world-wide
- Comprised of 68 companies in 25 countries
- More than 200 independent general importers - in over 130 countries on all continents
- Market-ready solutions



# PALFINGER NORTH AMERICA GROUP

LIFETIME EXCELLENCE

SALES NETWORK

MANUFACTURING



**TO US, “LIFETIME EXCELLENCE”  
MEANS SETTING TOP PERFORMANCE  
AS A MINIMUM REQUIREMENT.**

LIFETIME EXCELLENCE is our promise. Our core message. Our brand essence. To our customers, it means top performance without compromise. The most cost-effective, reliable and innovative lifting solutions in a global network of expert service partners – for the entire product lifetime.

PLAY VIDEO

# PALFINGER NORTH AMERICA GROUP

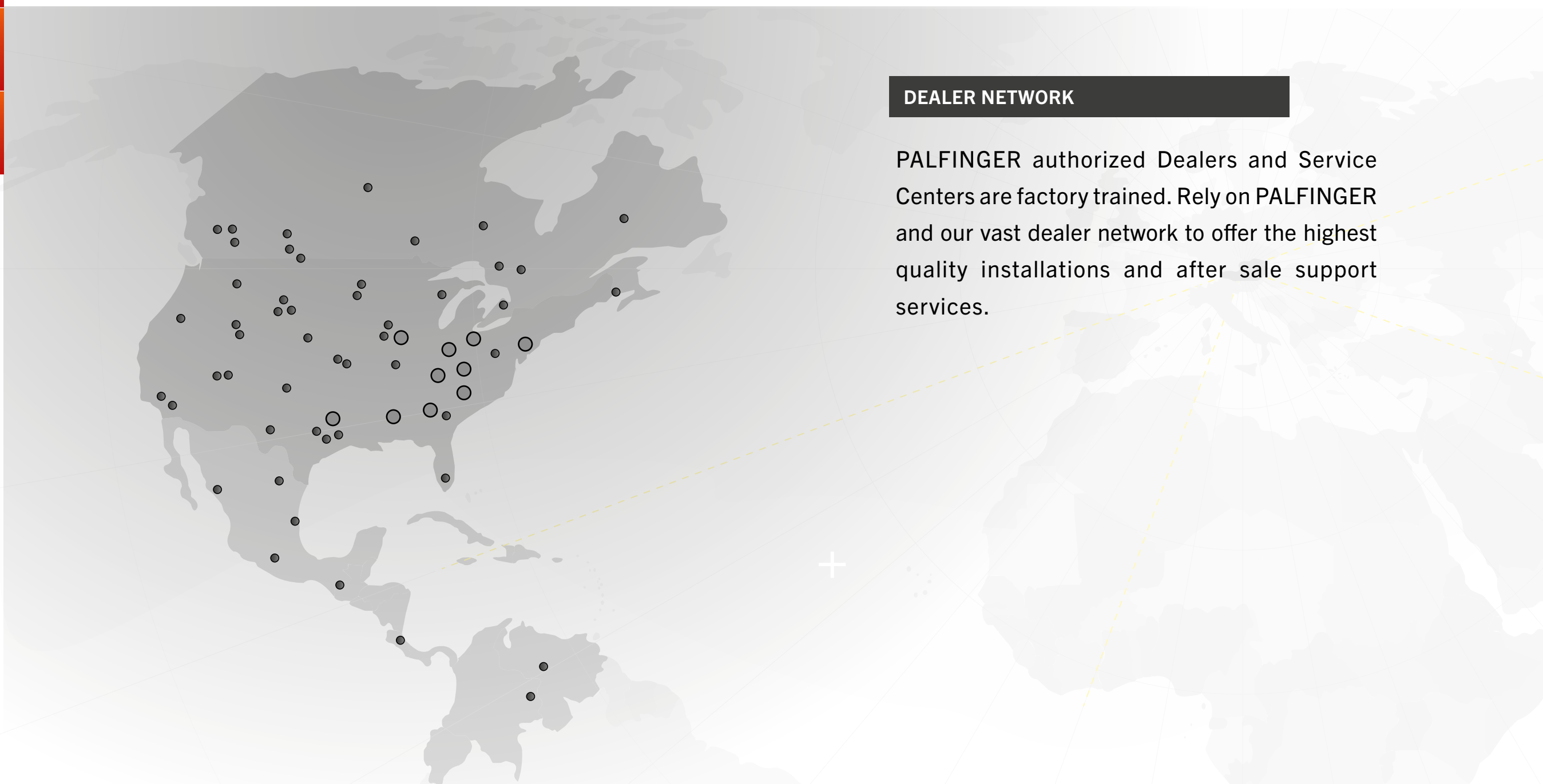
LIFETIME EXCELLENCE

SALES NETWORK

MANUFACTURING

## DEALER NETWORK

PALFINGER authorized Dealers and Service Centers are factory trained. Rely on PALFINGER and our vast dealer network to offer the highest quality installations and after sale support services.



# PALFINGER NORTH AMERICA GROUP

LIFETIME EXCELLENCE

SALES NETWORK

MANUFACTURING

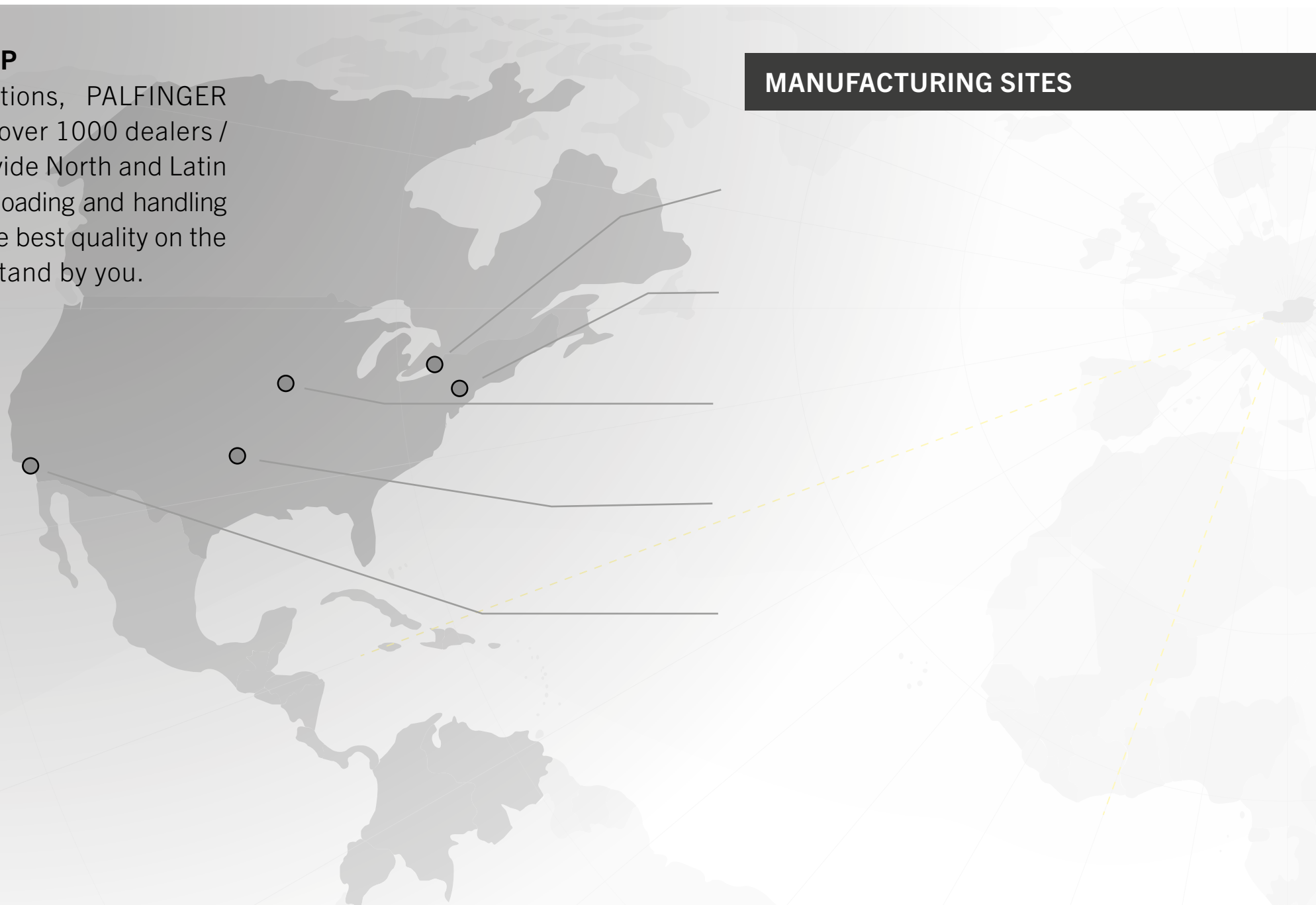
## PALFINGER NORTH AMERICA GROUP

consists of 5 manufacturing locations, PALFINGER owned sales & service locations and over 1000 dealers / distributors and sales partners to provide North and Latin American markets with superior lifting, loading and handling solutions. We are proud to stand for the best quality on the market and we are even prouder to stand by you.

### PALFINGER

is the one stop shop  
for premium, single source solutions.

MANUFACTURING SITES







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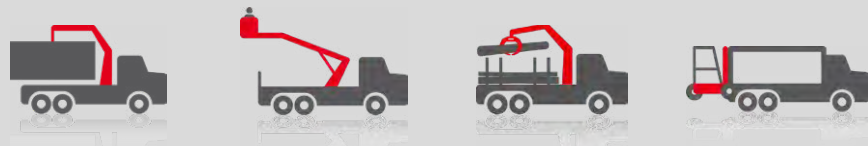


**PALFINGER NORTH AMERICA**  
NIAGARA FALLS, CANADA

A market leader in the design and manufacturing of knuckle boom cranes, Palfinger North America began in Niagara Falls, Canada, where a crane sales and service facility was established in 1989. Steady growth allowed for facility expansions to accommodate Crane assembly and improved service and spare parts delivery (2002-2005), in addition to a new testing hall and increased facility space (2008). The product portfolio has expanded to include PALFINGER truck-mounted forklifts, EPSILON forestry / recycling loaders and aerial work platforms.

Facility highlights include:

- ➔ Crane assembly
- ➔ Spare parts center



MANUFACTURING

MANUFACTURING SITES

- + NIAGARA FALLS, ON
- + TRENTON, NJ
- + COUNCIL BLUFFS, IA
- + OKLAHOMA CITY, OK
- + CERRITOS, CA



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**PALFINGER AMERICAN ROLL-OFF**  
EAST COAST HUB, TRENTON, NJ

Established in 1972, Palfinger American Roll-Off (PARO) became a member of the PALFINGER North America Group in 2009. With manufacturing operations located in Trenton, NJ, PARO offers a range of container handling solutions including cable roll-off hoists and the PALFINGER Hooklift brand. The hub also provides installation, service and warehousing for other PALFINGER products and is a location for PALFINGER University.

- Facility highlights include:
- ➔ East Coast sales, distribution and service for PALFINGER Liftgates



MANUFACTURING

MANUFACTURING SITES

- + NIAGARA FALLS, ON
- + TRENTON, NJ
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- + CERRITOS, CA



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**OMAHA STANDARD PALFINGER**  
COUNCIL BLUFFS, IA

Located in Council Bluffs, IA, Omaha Standard was established in 1926 and became a member of the PALFINGER North America Group in 2008. Setting the industry standard for more than 90 years, Omaha Standard Palfinger is a leading manufacturer of service truck solutions, including PALFINGER Service Cranes, PAL Pro Mechanics Trucks, Compressors, Platforms, Hoists and many available options and accessories. Expect the most comprehensive range of work truck solutions and the best rust protection in the industry from Omaha Standard Palfinger.

- Facility highlights include:
- ➔ Environmentally-friendly e-coat paint facility
  - ➔ Manufacturing location for PALFINGER Liftgates



MANUFACTURING

MANUFACTURING SITES

- + NIAGARA FALLS, ON
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- + CERRITOS, CA





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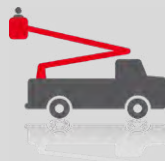
ABOUT US



**ETI EQUIPMENT TECHNOLOGY, LLC**  
OKLAHOMA CITY, OK

A PALFINGER company since 2010, ETI is a leading manufacturer of aerial lift trucks (bucket trucks), mobile service cranes and custom bodies designed specifically for telecommunications, electrical utility, energy, industrial and other professionals. ETI operates on a direct sale basis in the United States and operates an export division for products sold throughout the world. Since founding in 1991, ETI has become the leader in providing customer service solutions thanks to their one driving goal: to make sure that you can depend on ETI.

- Facility highlights include:
- ➔ 300 manufacturing, engineering and service professionals
  - ➔ Fiberglass boom manufacturing



MANUFACTURING

MANUFACTURING SITES

- + NIAGARA FALLS, ON
- + TRENTON, NJ
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- + OKLAHOMA CITY, OK
- + CERRITOS, CA



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**PALFINGER LIFTGATES**  
WEST COAST HUB, CERRITOS, CA

Offering a range of leading hydraulic liftgates, PALFINGER Liftgates entered the North American market under the Interlift brand in 1993 and joined the PALFINGER North America Group in 2007. With manufacturing operations located in Cerritos, CA, and Council Bluffs, IA, combined with full service, parts and sales support in Cerritos, CA and Trenton, NJ, distributors, fleet and leasing customers across North and Latin America can expect the finest support.

Facility highlights include:  
➔ PALFINGER University



MANUFACTURING

MANUFACTURING SITES

- + NIAGARA FALLS, ON
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