

PALFINGER

LIFETIME EXCELLENCE

PALFINGER ON THE JOB ROOFING MATERIALS



PALFINGER ON THE JOB

ROOFING MATERIALS



KNUCKLEBOOM CRANES

“DRYWALL“ CRANES

CONVEYOR ALTERNATIVE

FORKLIFTS

In a tough roofing market, add a competitive edge to your business by investing in the best equipment for the job. PALFINGER, a market leader and roofing delivery expert, can help provide your customers with the best service experience possible because our solutions are made for your business.

NEVER TURN DOWN A DELIVERY:

MORE JOBS ARE POSSIBLE WHEN YOU HAVE THE RIGHT EQUIPMENT!

With PALFINGER, you can handle a range of roofing deliveries:

New construction, Re-roofs, Residential, Commercial buildings, Large single family homes, Apartments, Town homes, Condominiums, etc. The possibilities are endless!

PALFINGER equipment delivers speed, productivity and control to meet the demands of your customers, while you capitalize on your investment through increased efficiency and reduced delivery times.

As material handling experts, we know what equipment suits your requirements. Click through our different offerings to learn more!





“PALFINGER CRANES HAVE AN ATTRACTIVE, CLEAN LOOK...

...at every job site, the equipment makes a great first impression and absolutely enhances our image. Someone always stops to take a picture or makes a comment about the truck.”

Cliff, Crane Operator - Universal Supply Co. Hammonton, NJ



“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



→ SEE OUR FANS

PALFINGER ON THE JOB

ROOFING MATERIALS



KNUCKLEBOOM CRANES

“DRYWALL“ CRANES

CONVEYOR ALTERNATIVE

FORKLIFTS

PALFINGER has a broad offering of mid-size and large knuckleboom cranes to match your delivery needs. They are fast, efficient, precise and equipped with our market leading safety systems, so you can expect high performance in a variety of roofing jobs.

When equipped with a fly-jib, the knuckleboom crane becomes an extremely versatile machine with new job opportunities. With this option, you can reach up and over the roof of bigger houses, larger buildings, town houses, apartments and especially commercial roofs with ease.

Make on-time deliveries with the right knuckleboom crane for your business.

Browse below to view cranes in action, learn about their features and find the right model.



GALLERY

FEATURES

RECOMMENDED MODELS



PALFINGER ON THE JOB

ROOFING MATERIALS



KNUCKLEBOOM CRANES

“DRYWALL“ CRANES

CONVEYOR ALTERNATIVE

FORKLIFTS

PALFINGER ON THE JOB

ROOFING MATERIALS



KNUCKLEBOOM CRANES

“DRYWALL“ CRANES

CONVEYOR ALTERNATIVE

FORKLIFTS



PALFINGER ON THE JOB ROOFING MATERIALS



KNUCKLEBOOM CRANES

“DRYWALL“ CRANES

CONVEYOR ALTERNATIVE

FORKLIFTS



PALFINGER ON THE JOB

ROOFING MATERIALS



KNUCKLEBOOM CRANES

“DRYWALL” CRANES

CONVEYOR ALTERNATIVE

FORKLIFTS



PALFINGER ON THE JOB ROOFING MATERIALS

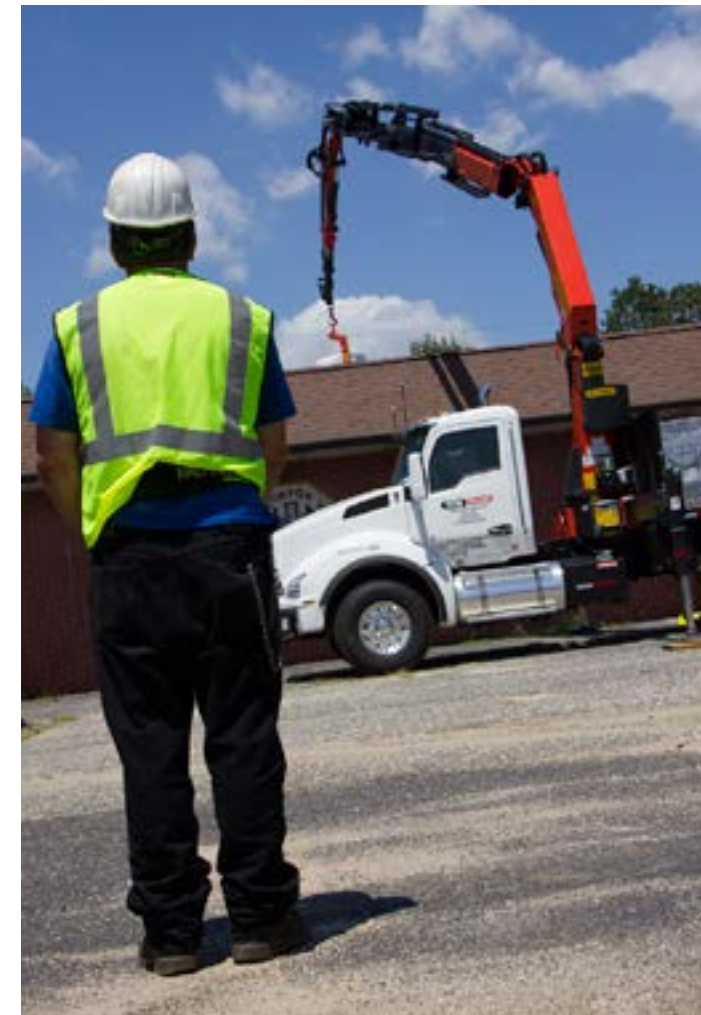


KNUCKLEBOOM CRANES

“DRYWALL“ CRANES

CONVEYOR ALTERNATIVE

FORKLIFTS



PALFINGER ON THE JOB

ROOFING MATERIALS



KNUCKLEBOOM CRANES

“DRYWALL” CRANES

CONVEYOR ALTERNATIVE

FORKLIFTS



PALFINGER ON THE JOB ROOFING MATERIALS



KNUCKLEBOOM CRANES

“DRYWALL” CRANES

CONVEYOR ALTERNATIVE

FORKLIFTS



PALFINGER ON THE JOB

ROOFING MATERIALS



KNUCKLEBOOM CRANES

“DRYWALL“ CRANES

CONVEYOR ALTERNATIVE

FORKLIFTS



PALFINGER ON THE JOB ROOFING MATERIALS



KNUCKLEBOOM CRANES

“DRYWALL“ CRANES

CONVEYOR ALTERNATIVE

FORKLIFTS



PALFINGER ON THE JOB

ROOFING MATERIALS



KNUCKLEBOOM CRANES

“DRYWALL” CRANES

CONVEYOR ALTERNATIVE

FORKLIFTS



PALFINGER ON THE JOB

ROOFING MATERIALS

ACTIVE OSCILLATION SUPPRESSION

FLY-JIB

KNUCKLEBOOM CRANES

"DRYWALL" CRANES

CONVEYOR ALTERNATIVE

FORKLIFTS

POWER LINK

LOW-MAINTENANCE
EXTENSION SYSTEM

REMOTE CONTROL

TURNTABLE SLEWING SYSTEM
- CONTINUOUS ROTATION

STABILIZER LIGHTS

Paltronic 50 controlled	Paltronic 150 controlled	AOS Active Oscillation Suppression inside	RRC Radio Remote Control operated	KTL protected
---	--	--	--	-------------------------

* Models shown are optionally-equipped and do not always correspond to the standard specifications. Contact your PALFINGER Representative for information about optional features and model availability.



PALFINGER ON THE JOB

ROOFING MATERIALS



Model	MAX. LIFTING MOMENT (FT.IBS)	GROSS ROTATION TORQUE (FT.IBS)	SLEWING RANGE	STABILIZER SPREAD	WEIGHT (FL, R3X, STZS3, 4) (IBS)	MAX. HORIZONTAL REACH	MAX. VERTICAL REACH	MAX. HORIZONTAL CAPACITY (IBS)
PK 26002-EH D	163,511	20,260	400°	21' 8"	6,878	47'11"	59'2"	2,850 @ 47'3"
PK 33002-EH D	205,474	23,130	400°	24' 3"	7,648	47'11"	59'2"	3,700 @ 47'3"
PK 33002-EH D + PJ 080 A	205,474	23,130	400°	24' 3"	9,669	68'6"	79'2"	1,520 @ 68'2"
PK 33002-EH C + PJ 080 B	209,091	23,130	400°	24' 3"	9,456	66'11"	77'	1,740 @ 66'11"
PK 34002-SH F	210,550	28,940	continuous	24' 3"	8,742	62'8"	73'8"	2,550 @ 62'4"
PK 34002-SH D + PJ 080 B	216,326	28,940	continuous	24' 3"	9,790	72'2"	86'1"	1,360 @ 71'7"
PK 40002-EH F	251,780	36,210	continuous	24' 3"	11,122	61'4"	73'4"	3,100 @ 61'0"
PK 40002-EH E + PJ 100 B	256,119	36,210	continuous	24' 3"	12,854	80'1"	93'2"	1,440 @ 79'6"

* Other combinations available - please consult your PALFINGER representative

PALFINGER ON THE JOB ROOFING MATERIALS



KNUCKLE

MODEL

PK 26002-EH

PK 33002-EH

PK 33002-EH

PK 33002-EH

PK 34002-SH

PK 34002-SH

PK 40002-EH

PK 40002-EH

* Other combinations available. Please consult your Palfinger distributor for more information.

ENGINEERING SERVICE

STABILITY ANALYSIS
THIS DRAWING SHOWS THE STABILITY OF THE FINISHED TRUCK. CALCULATIONS ARE BASED ON THE FOLLOWING ASSUMPTIONS:
1. THE TRUCK IS ON A LEVEL SURFACE.
2. THE TRUCK IS IN A LEVEL POSITION.
3. THE TRUCK IS IN A LEVEL POSITION.
4. THE TRUCK IS IN A LEVEL POSITION.

WEIGHT DISTRIBUTION
THIS DRAWING SHOWS THE WEIGHT DISTRIBUTION OF THE FINISHED TRUCK. THE WEIGHTS SHOWN ARE INDICATED IN THE DRAWING. THE WEIGHTS SHOWN ARE INDICATED IN THE DRAWING. THE WEIGHTS SHOWN ARE INDICATED IN THE DRAWING.

FINAL LAYOUT
THIS IS THE STREET-SIDE VIEW OF THE FINISHED UNIT. HEIGHTS AND GROUND CLEARANCES, WHEN SHOWN, ARE INDICATED IN THE DRAWING.

TRUCK SPECIFICATION
THIS IS THE TRUCK INFORMATION USED IN THE FINAL LAYOUT, WEIGHT DISTRIBUTION, AND STABILITY ANALYSIS. IF THE TRUCK IS A DIFFERENT MODEL, PLEASE CONTACT YOUR DEALER FOR THE CORRECT INFORMATION. IF THE TRUCK IS A DIFFERENT MODEL, PLEASE CONTACT YOUR DEALER FOR THE CORRECT INFORMATION.

**PK 33002-EH C PJ 080 B
KENWORTH T880**

REV.	DESCRIPTION	DATE
1	ISSUE	AS 7/15
2		
3		

REVISION CONTROL

DATE: JUL 7/15

PROJECT / THE NO. DRAW: 8852G / 1 OF 5

SCALE: 1/8" = 1'-0"

DATE: JUL 7/15

W.T. 8852G

1 OF 5

MAX. HORIZONTAL CAPACITY (IBS)

2,850 @ 47'3" → [LOAD CHART](#)

3,700 @ 47'3" → [LOAD CHART](#)

1,520 @ 68'2" → [LOAD CHART](#)

1,740 @ 66'11" → [LOAD CHART](#)

2,550 @ 62'4" → [LOAD CHART](#)

1,360 @ 71'7" → [LOAD CHART](#)

3,100 @ 61'0" → [LOAD CHART](#)

1,440 @ 79'6" → [LOAD CHART](#)



→ [ENGINEERING SERVICES](#)

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

PALFINGER ROOFING

PK 26002-EH D

KNUCKLEBOOM CRANES

MODEL

PK 26002-EH D

PK 33002-EH D

PK 33002-EH D + PJ 080 A

PK 33002-EH C + PJ 080 B

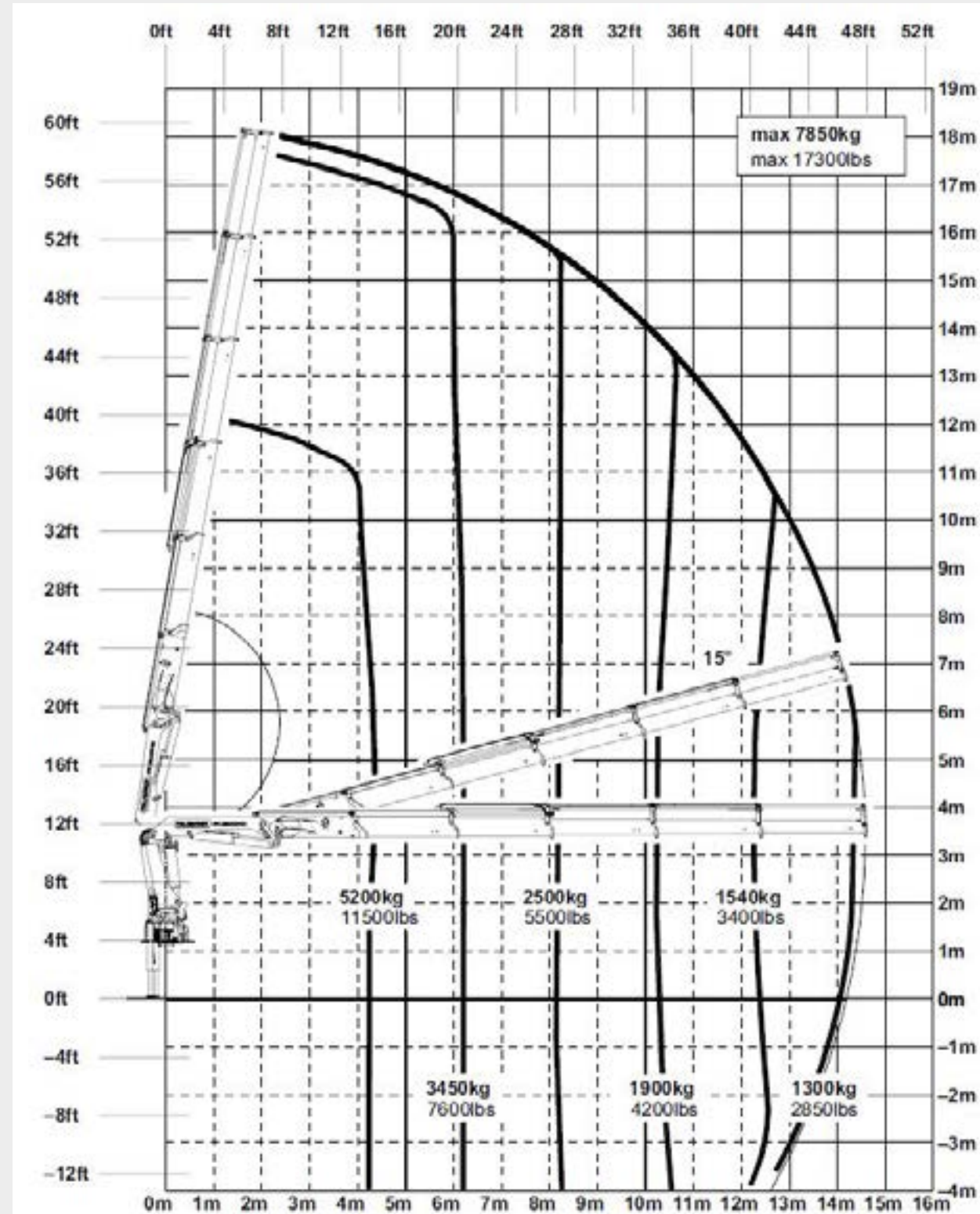
PK 34002-SH F

PK 34002-SH D + PJ 080 B

PK 40002-EH F

PK 40002-EH E + PJ 100 B

* Other combinations available -
consult your PALFINGER representative

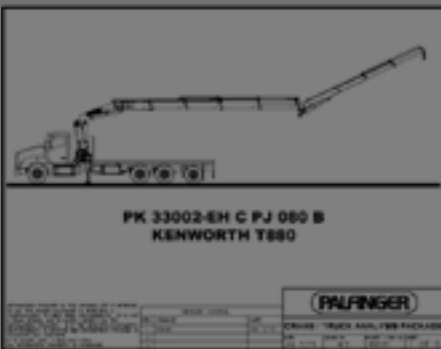


KNIFEBOOM CRANES

MAX. VERTICAL
REACH

MAX. HORIZONTAL
CAPACITY (IBS)

59'2"	2,850 @ 47'3"	➔ LOAD CHART
59'2"	3,700 @ 47'3"	➔ LOAD CHART
79'2"	1,520 @ 68'2"	➔ LOAD CHART
77'	1,740 @ 66'11"	➔ LOAD CHART
73'8"	2,550 @ 62'4"	➔ LOAD CHART
86'1"	1,360 @ 71'7"	➔ LOAD CHART
73'4"	3,100 @ 61'0"	➔ LOAD CHART
93'2"	1,440 @ 79'6"	➔ LOAD CHART



➔ ENGINEERING SERVICES

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

PALFINGER ROOFING

PK 33002-EH D

KNUCKLEBOOM CRANES

MODEL

PK 26002-EH D

PK 33002-EH D

PK 33002-EH D + PJ 080 A

PK 33002-EH C + PJ 080 B

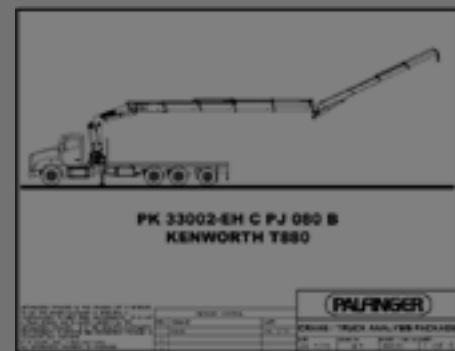
PK 34002-SH F

PK 34002-SH D + PJ 080 B

PK 40002-EH F

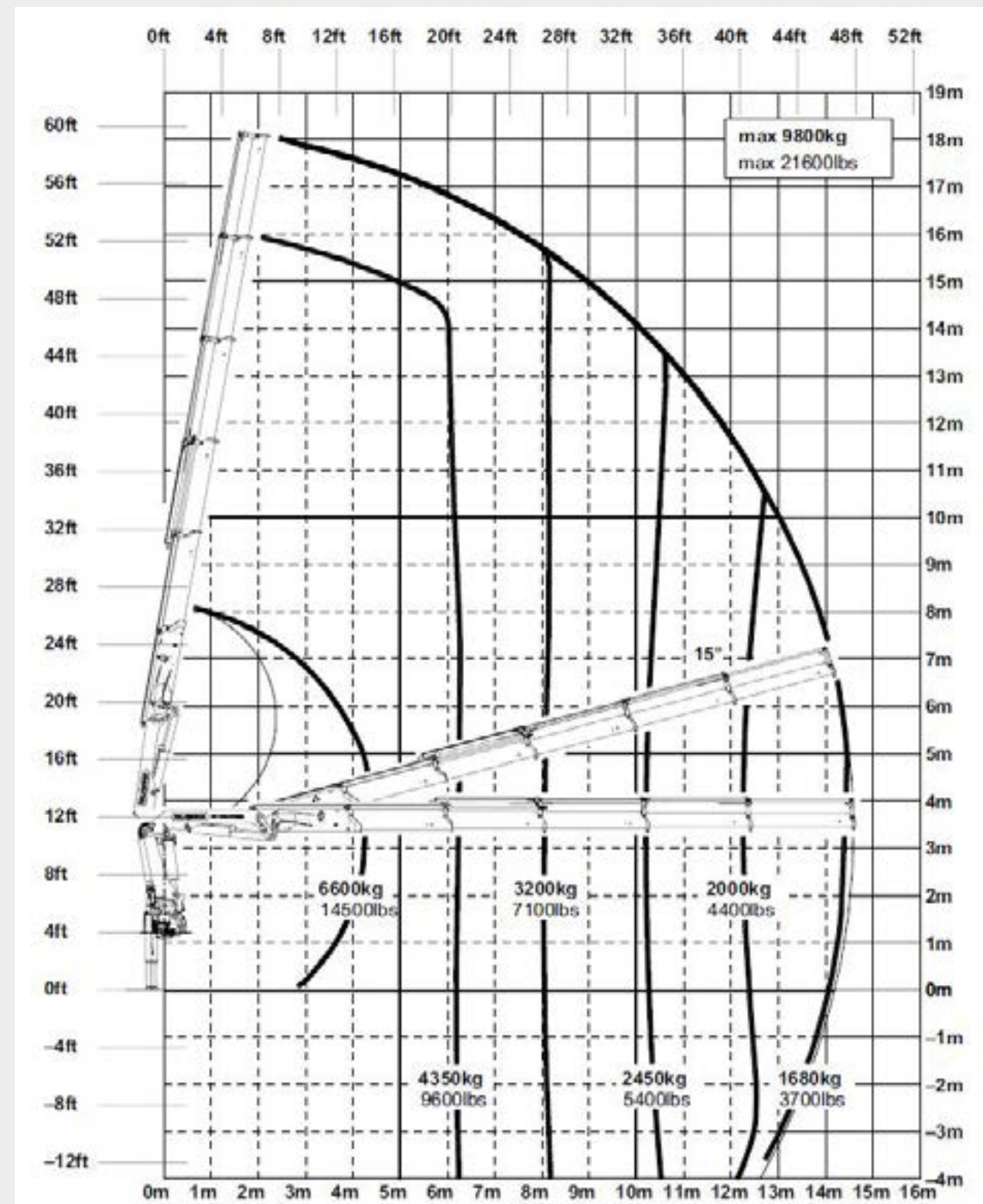
PK 40002-EH E + PJ 100 B

* Other combinations available - consult your PALFINGER representative



→ ENGINEERING SERVICES

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



KNIFE LIFTS

MAX. VERTICAL REACH

MAX. HORIZONTAL CAPACITY (IBS)

59'2"	2,850 @ 47'3"	→ LOAD CHART
59'2"	3,700 @ 47'3"	→ LOAD CHART
79'2"	1,520 @ 68'2"	→ LOAD CHART
77'	1,740 @ 66'11"	→ LOAD CHART
73'8"	2,550 @ 62'4"	→ LOAD CHART
86'1"	1,360 @ 71'7"	→ LOAD CHART
73'4"	3,100 @ 61'0"	→ LOAD CHART
93'2"	1,440 @ 79'6"	→ LOAD CHART



PALFINGER ROOFING

PK 33002-EH D + PJ 080 A

KNUCKLEBOOM CRANES

MODEL

PK 26002-EH D

PK 33002-EH D

PK 33002-EH D + PJ 080 A

PK 33002-EH C + PJ 080 B

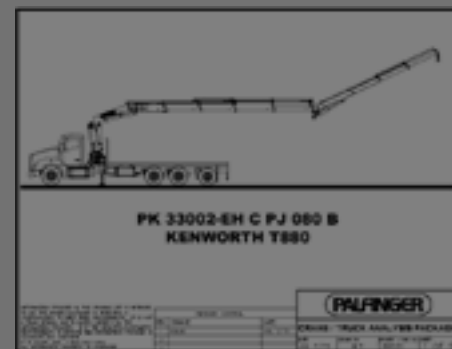
PK 34002-SH F

PK 34002-SH D + PJ 080 B

PK 40002-EH F

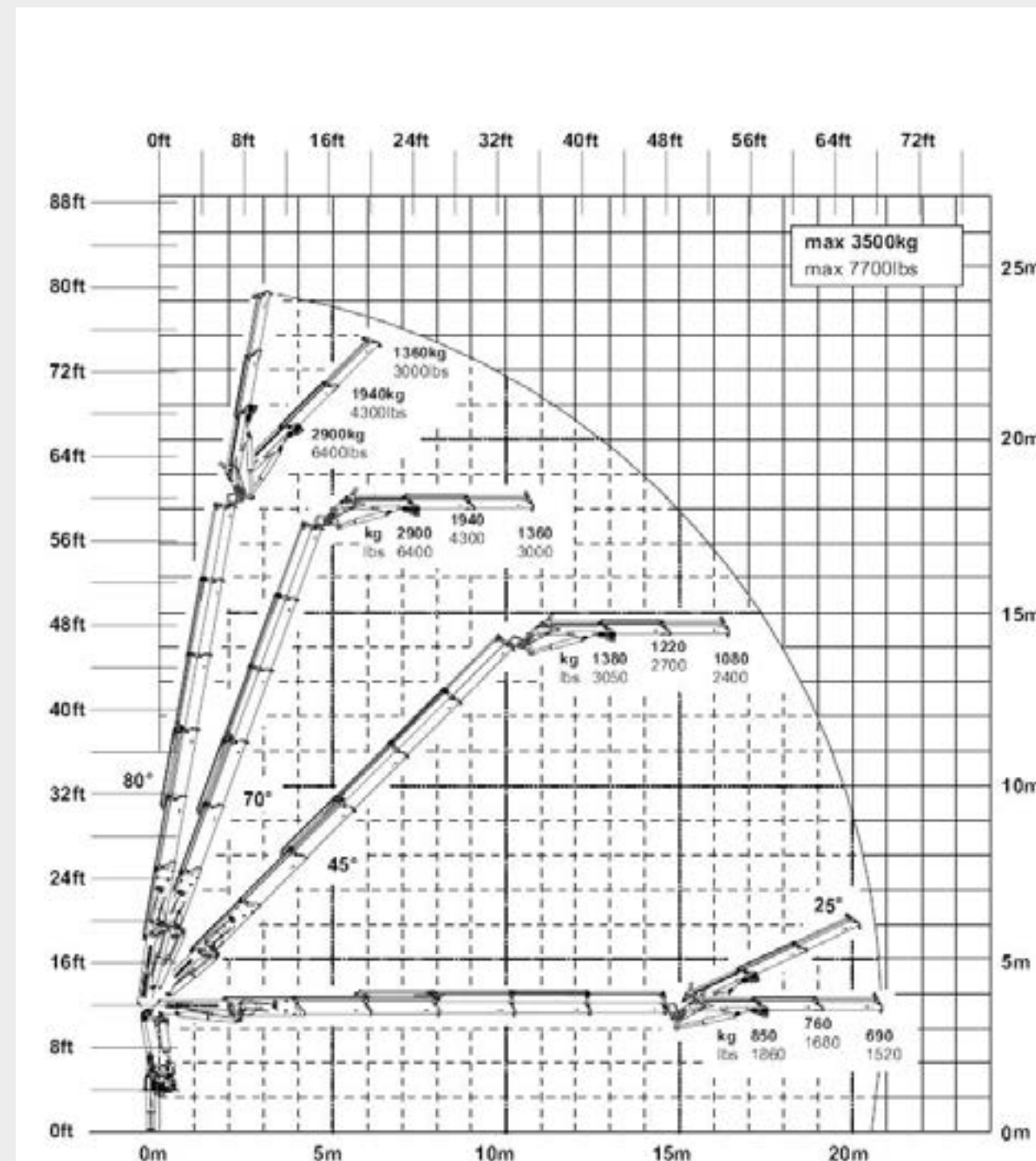
PK 40002-EH E + PJ 100 B

* Other combinations available -
consult your PALFINGER representative



→ ENGINEERING SERVICES

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



CRANES

MAX. VERTICAL REACH

MAX. HORIZONTAL CAPACITY (IBS)

59'2"	2,850 @ 47'3"	→ LOAD CHART
59'2"	3,700 @ 47'3"	→ LOAD CHART
79'2"	1,520 @ 68'2"	→ LOAD CHART
77'	1,740 @ 66'11"	→ LOAD CHART
73'8"	2,550 @ 62'4"	→ LOAD CHART
86'1"	1,360 @ 71'7"	→ LOAD CHART
73'4"	3,100 @ 61'0"	→ LOAD CHART
93'2"	1,440 @ 79'6"	→ LOAD CHART



PALFINGER ROOFING

PK 33002-EH C + PJ 080 B

KNUCKLEBOOM CRANES

MODEL

PK 26002-EH D

PK 33002-EH D

PK 33002-EH D + PJ 080 A

PK 33002-EH C + PJ 080 B

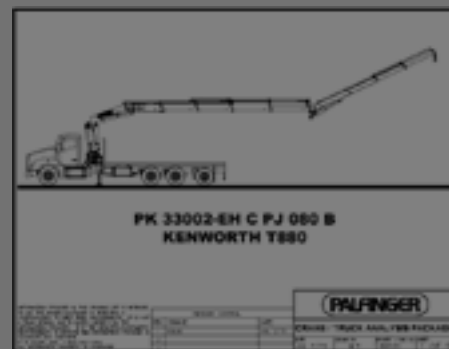
PK 34002-SH F

PK 34002-SH D + PJ 080 B

PK 40002-EH F

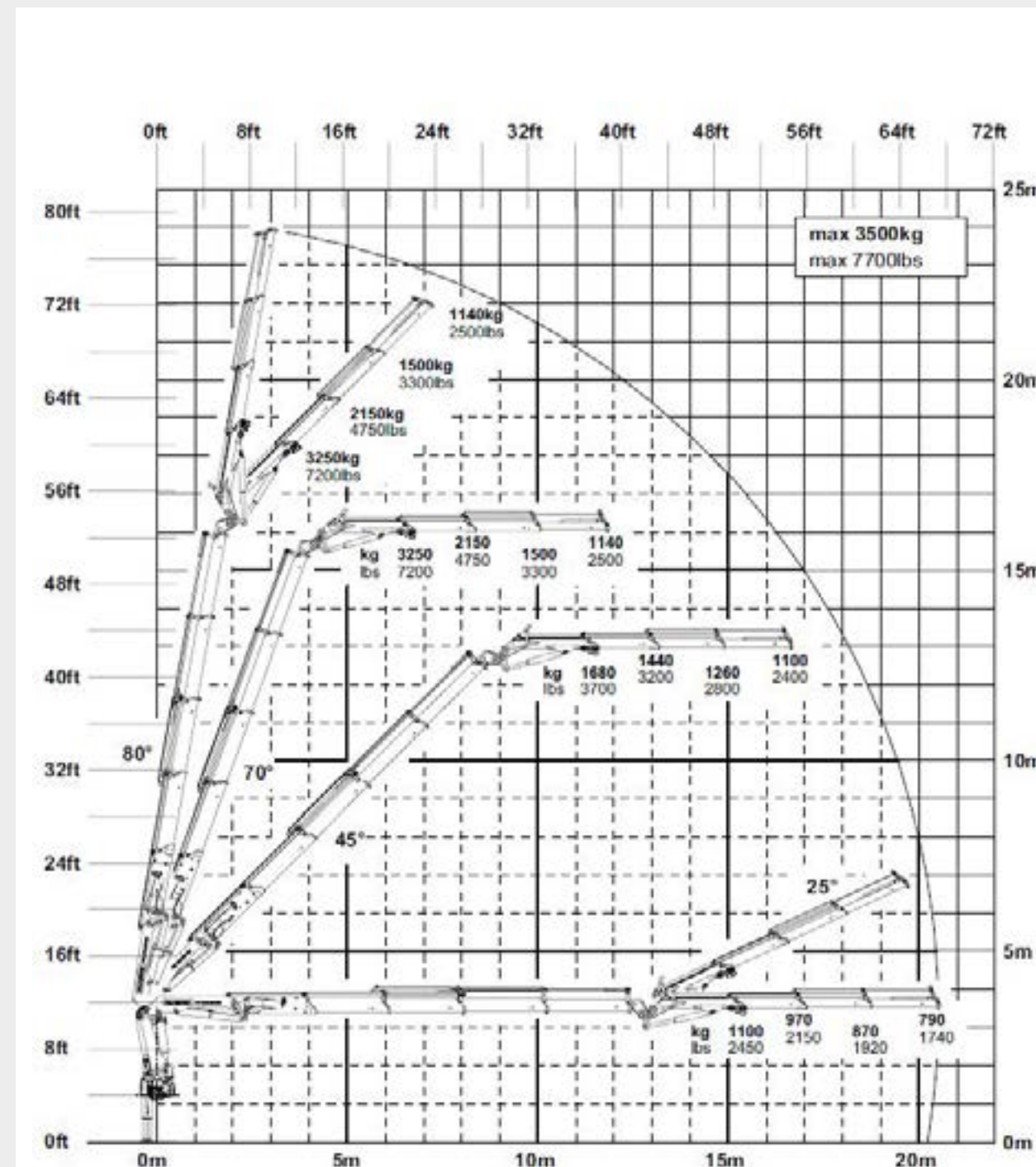
PK 40002-EH E + PJ 100 B

* Other combinations available -
consult your PALFINGER representative



→ ENGINEERING SERVICES

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



KNIFE LIFTS

MAX. VERTICAL REACH

MAX. HORIZONTAL CAPACITY (IBS)

59'2"	2,850 @ 47'3"	→ LOAD CHART
59'2"	3,700 @ 47'3"	→ LOAD CHART
79'2"	1,520 @ 68'2"	→ LOAD CHART
77'	1,740 @ 66'11"	→ LOAD CHART
73'8"	2,550 @ 62'4"	→ LOAD CHART
86'1"	1,360 @ 71'7"	→ LOAD CHART
73'4"	3,100 @ 61'0"	→ LOAD CHART
93'2"	1,440 @ 79'6"	→ LOAD CHART



PALFINGER ROOFING

PK 34002-SH F

KNUCKLEBOOM CRANES

MODEL

PK 26002-EH D

PK 33002-EH D

PK 33002-EH D + PJ 080 A

PK 33002-EH C + PJ 080 B

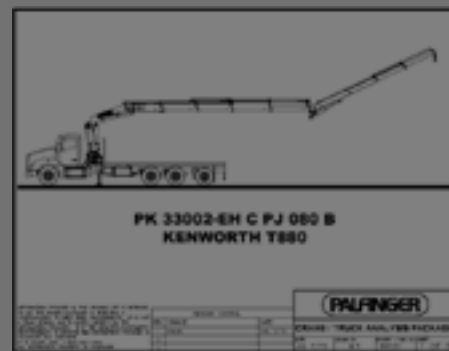
PK 34002-SH F

PK 34002-SH D + PJ 080 B

PK 40002-EH F

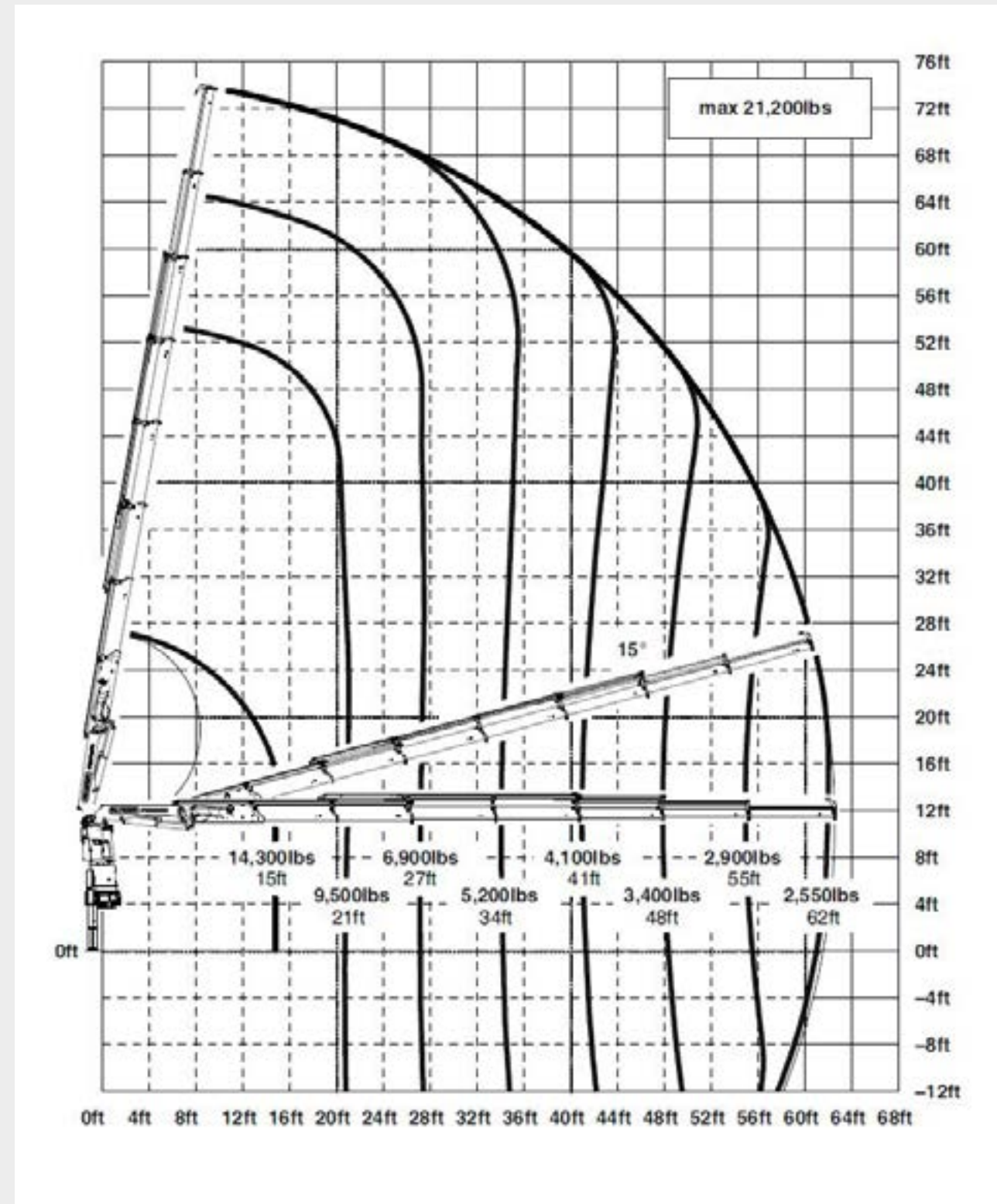
PK 40002-EH E + PJ 100 B

* Other combinations available -
consult your PALFINGER representative



→ ENGINEERING SERVICES

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



KNIFE LIFTS

MAX. VERTICAL REACH

MAX. HORIZONTAL CAPACITY (IBS)

59'2"	2,850 @ 47'3"	→ LOAD CHART
59'2"	3,700 @ 47'3"	→ LOAD CHART
79'2"	1,520 @ 68'2"	→ LOAD CHART
77'	1,740 @ 66'11"	→ LOAD CHART
73'8"	2,550 @ 62'4"	→ LOAD CHART
86'1"	1,360 @ 71'7"	→ LOAD CHART
73'4"	3,100 @ 61'0"	→ LOAD CHART
93'2"	1,440 @ 79'6"	→ LOAD CHART

PALFINGER ROOFING

PK 34002-SH D + PJ 080 B

KNUCKLEBOOM CRANES

MODEL

PK 26002-EH D

PK 33002-EH D

PK 33002-EH D + PJ 080 A

PK 33002-EH C + PJ 080 B

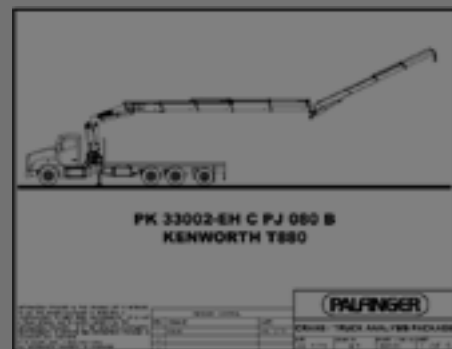
PK 34002-SH F

PK 34002-SH D + PJ 080 B

PK 40002-EH F

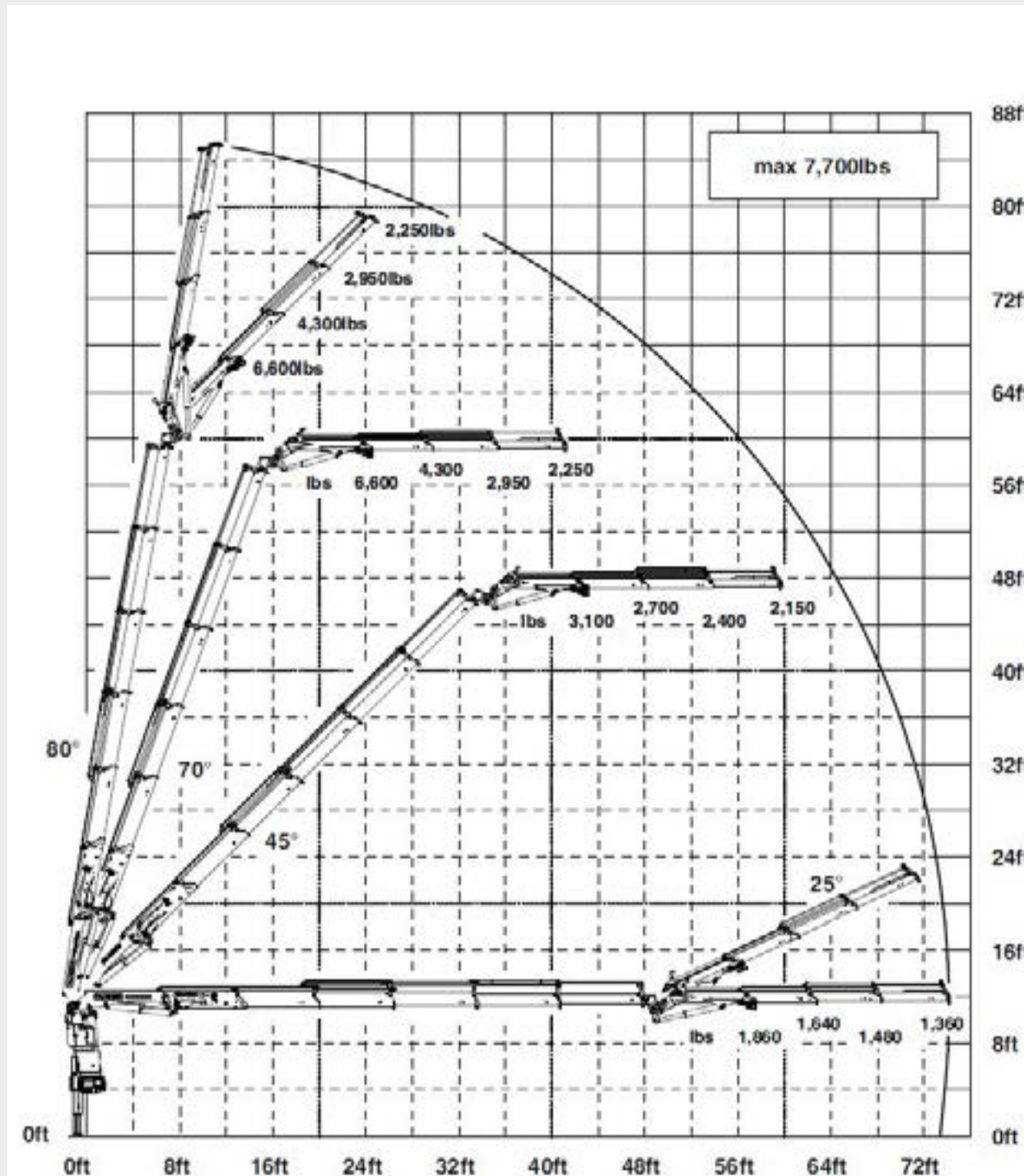
PK 40002-EH E + PJ 100 B

* Other combinations available -
consult your PALFINGER representative



→ ENGINEERING SERVICES

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



KNIFE LIFTS

MAX. VERTICAL REACH

MAX. HORIZONTAL CAPACITY (IBS)

59'2"	2,850 @ 47'3"	→ LOAD CHART
59'2"	3,700 @ 47'3"	→ LOAD CHART
79'2"	1,520 @ 68'2"	→ LOAD CHART
77'	1,740 @ 66'11"	→ LOAD CHART
73'8"	2,550 @ 62'4"	→ LOAD CHART
86'1"	1,360 @ 71'7"	→ LOAD CHART
73'4"	3,100 @ 61'0"	→ LOAD CHART
93'2"	1,440 @ 79'6"	→ LOAD CHART



PALFINGER ROOFING

PK 40002-EH F

KNUCKLEBOOM CRANES

MODEL

PK 26002-EH D

PK 33002-EH D

PK 33002-EH D + PJ 080 A

PK 33002-EH C + PJ 080 B

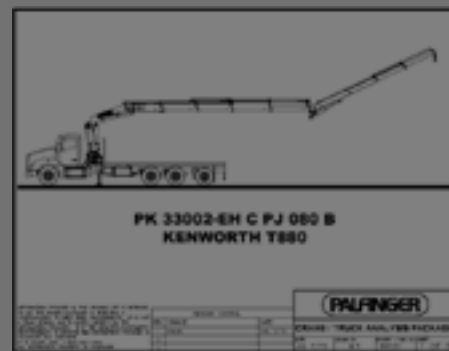
PK 34002-SH F

PK 34002-SH D + PJ 080 B

PK 40002-EH F

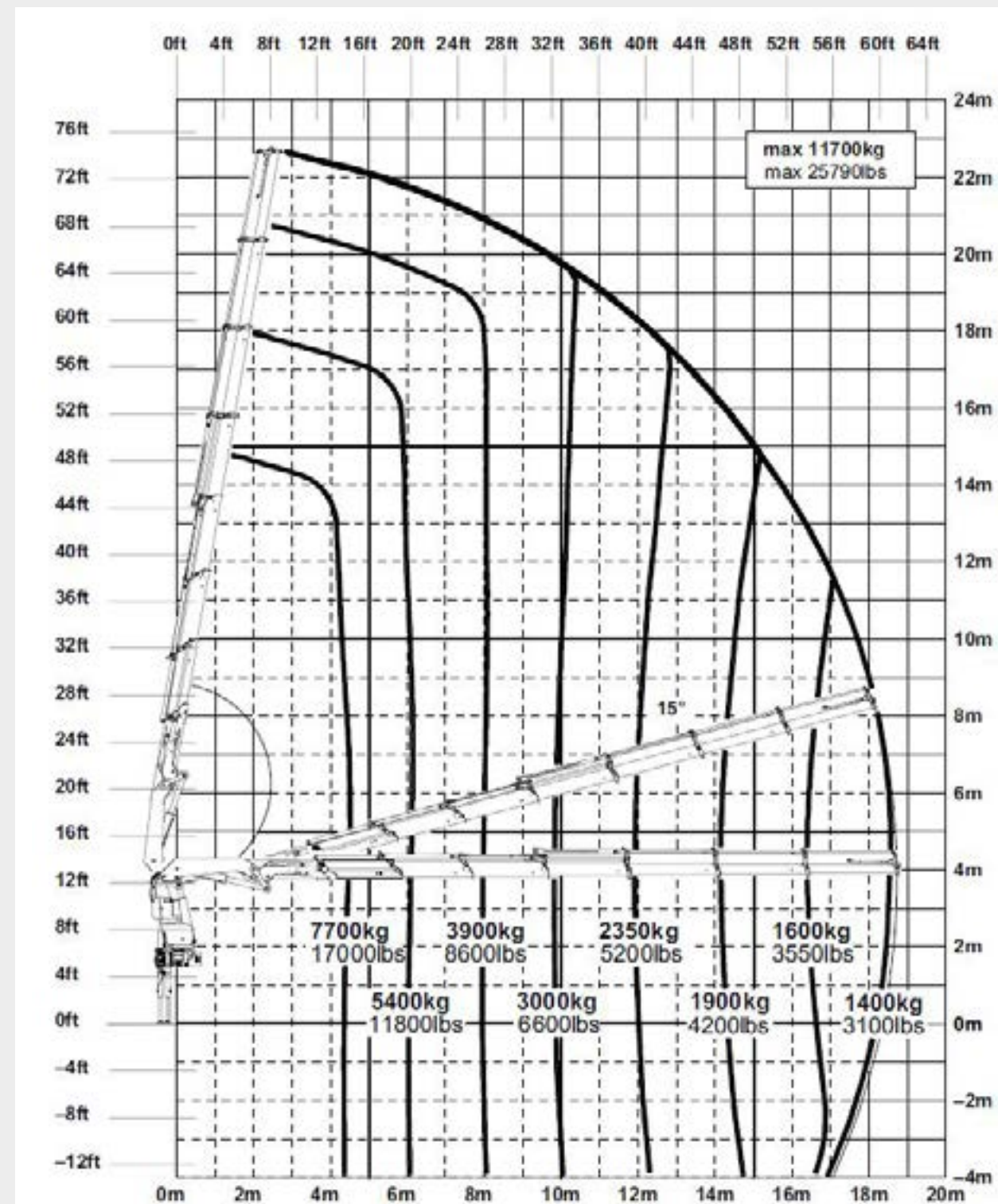
PK 40002-EH E + PJ 100 B

* Other combinations available -
consult your PALFINGER representative



→ ENGINEERING SERVICES

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



KNIFE LIFTS

MAX. VERTICAL REACH

MAX. HORIZONTAL CAPACITY (IBS)

59'2"	2,850 @ 47'3"	→ LOAD CHART
59'2"	3,700 @ 47'3"	→ LOAD CHART
79'2"	1,520 @ 68'2"	→ LOAD CHART
77'	1,740 @ 66'11"	→ LOAD CHART
73'8"	2,550 @ 62'4"	→ LOAD CHART
86'1"	1,360 @ 71'7"	→ LOAD CHART
73'4"	3,100 @ 61'0"	→ LOAD CHART
93'2"	1,440 @ 79'6"	→ LOAD CHART



PALFINGER ROOFING

PK 40002-EH E + PJ 100 B

KNUCKLEBOOM CRAI

MODEL

PK 26002-EH D

PK 33002-EH D

PK 33002-EH D + PJ 080 A

PK 33002-EH C + PJ 080 B

PK 34002-SH F

PK 34002-SH D + PJ 080 B

PK 40002-EH F

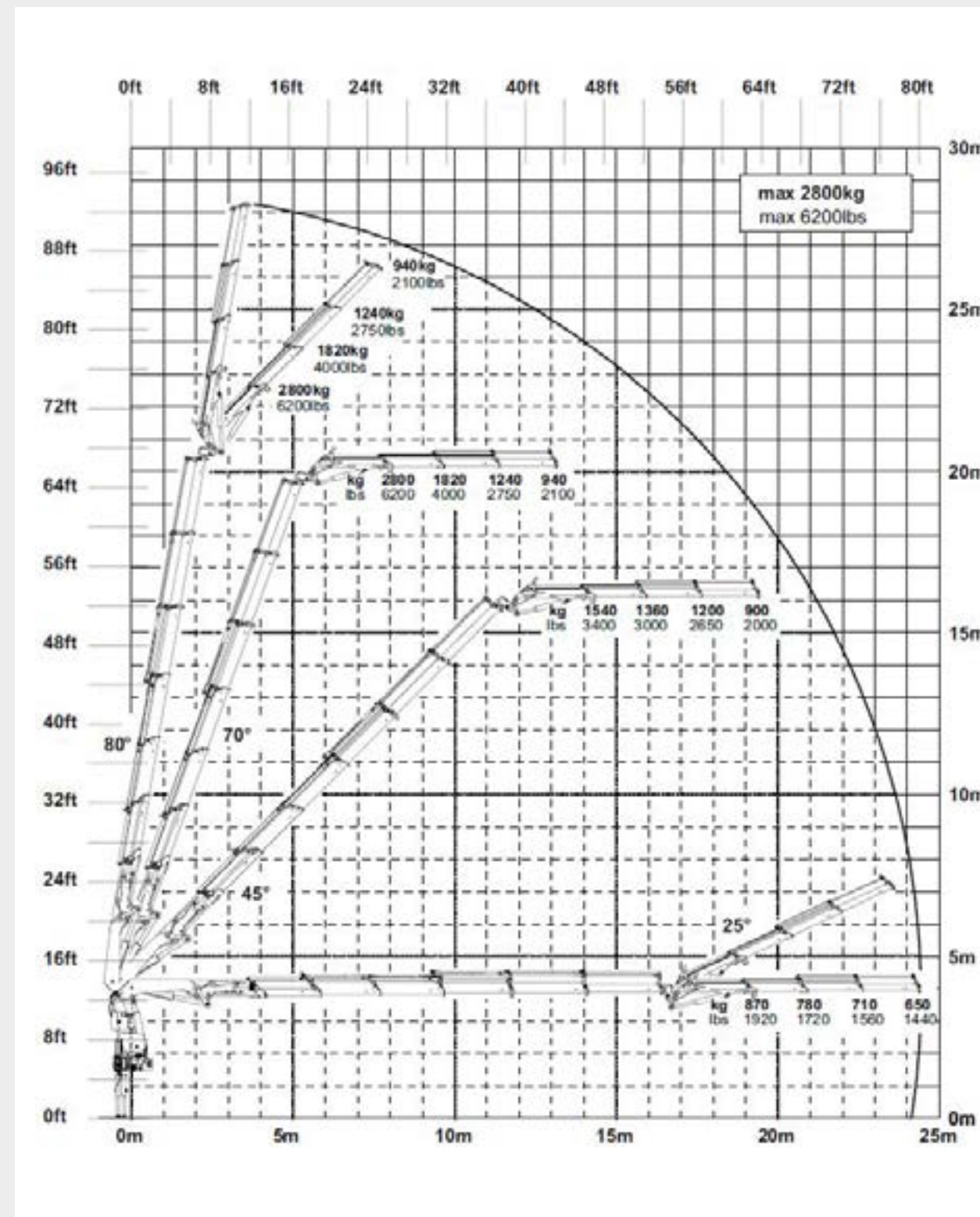
PK 40002-EH E + PJ 100 B

* Other combinations available -
consult your PALFINGER represe



→ ENGINEERING SERVICES

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



KLIFTS

MAX. VERTICAL
REACH

MAX. HORIZONTAL
CAPACITY (IBS)

59'2"	2,850 @ 47'3"	→ LOAD CHART
59'2"	3,700 @ 47'3"	→ LOAD CHART
79'2"	1,520 @ 68'2"	→ LOAD CHART
77'	1,740 @ 66'11"	→ LOAD CHART
73'8"	2,550 @ 62'4"	→ LOAD CHART
86'1"	1,360 @ 71'7"	→ LOAD CHART
73'4"	3,100 @ 61'0"	→ LOAD CHART
93'2"	1,440 @ 79'6"	→ LOAD CHART



PALFINGER ON THE JOB

ROOFING MATERIALS



KNUCKLEBOOM CRANES

“DRYWALL” CRANES

CONVEYOR ALTERNATIVE

FORKLIFTS

“Drywall” cranes offer strong and durable solutions that operate with speed, precision and power. With long out-reach, this concept is great for roofing supply deliveries as they relate for new construction and re-roofs for residential jobs.

Since they are stored over the truck bed and they don't fold up, these cranes are easy to operate. Simply lift up the crane out of the boom rest and you are ready to work! Additionally, this style is equipped with hydraulic forks that make it easy to engage a pallet, lift it and position the load to distribute the shingles on the roof.

Learn more about the capabilities of our “drywall” cranes below!



PALFINGER ON THE JOB

ROOFING MATERIALS



KNUCKLEBOOM CRANES

“DRYWALL” CRANES

CONVEYOR ALTERNATIVE

FORKLIFTS

PALFINGER ON THE JOB

ROOFING MATERIALS



KNUCKLEBOOM CRANES

“DRYWALL” CRANES

CONVEYOR ALTERNATIVE

FORKLIFTS



PALFINGER ON THE JOB

ROOFING MATERIALS



KNUCKLEBOOM CRANES

“DRYWALL” CRANES

CONVEYOR ALTERNATIVE

FORKLIFTS



PALFINGER ON THE JOB

ROOFING MATERIALS



KNUCKLEBOOM CRANES

“DRYWALL” CRANES

CONVEYOR ALTERNATIVE

FORKLIFTS



PALFINGER ON THE JOB ROOFING MATERIALS



KNUCKLEBOOM CRANES

“DRYWALL” CRANES

CONVEYOR ALTERNATIVE

FORKLIFTS



PALFINGER ON THE JOB

ROOFING MATERIALS



KNUCKLEBOOM CRANES

“DRYWALL” CRANES

CONVEYOR ALTERNATIVE

FORKLIFTS



PALFINGER ON THE JOB

ROOFING MATERIALS



KNUCKLEBOOM CRANES

“DRYWALL” CRANES

CONVEYOR ALTERNATIVE

FORKLIFTS



PALFINGER ON THE JOB

ROOFING MATERIALS



KNUCKLEBOOM CRANES

“DRYWALL” CRANES

CONVEYOR ALTERNATIVE

FORKLIFTS



PALFINGER ON THE JOB

ROOFING MATERIALS



KNUCKLEBOOM CRANES

“DRYWALL” CRANES

CONVEYOR ALTERNATIVE

FORKLIFTS



PALFINGER ON THE JOB

ROOFING MATERIALS



KNUCKLEBOOM CRANES

“DRYWALL” CRANES

CONVEYOR ALTERNATIVE

FORKLIFTS



PALFINGER ON THE JOB ROOFING MATERIALS

ACTIVE OSCILLATION SUPPRESSION

LOW-MAINTENANCE
EXTENSION SYSTEM

POWER LINK



KNUCKLEBOOM CRANES

“DRYWALL” CRANES

CONVEYOR ALTERNATIVE

FORKLIFTS



REMOTE CONTROL

TURNTABLE SLEWING SYSTEM

TRANSPORT SWITCHES

STABILIZER LIGHTS

Paltronic 50 controlled	Paltronic 150 controlled	AOS Active Oscillation Suppression inside	RRC Radio Remote Control operated	KTU protected
---------------------------------------	--	--	--	-------------------------

* Models shown are optionally-equipped and do not always correspond to the standard specifications. Contact your PALFINGER Representative for information about optional features and model availability.

PALFINGER ON THE JOB

ROOFING MATERIALS



MODEL	MAX. LIFTING MOMENT (FT.IBS)	GROSS ROTATION TORQUE (FT.IBS)	SLEWING RANGE	STABILIZER SPREAD	WEIGHT (FL, R3X, STZS3, 4) (IBS)	MAX. HORIZONTAL REACH	MAX. VERTICAL REACH	MAX. HORIZONTAL CAPACITY (IBS)
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 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 C	231,430	51,330	470°	25' 1"	9,240	61'	73'2"	2,900 @ 61'
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'

* Other combinations available - please consult your PALFINGER representative



→ ENGINEERING SERVICES

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

PALFINGER ON THE JOB ROOFING MATERIALS



KNUCKLE

MODEL

PW 32001 B

PW 32001 C

PW 35001-SH

PW 35001-SH

PW 38001 C

PW 42001-SH

PW 50001-SH

* Other combinations
consult your PALFINGER

ENGINEERING SERVICE

STABILITY ANALYSIS

THIS DRAWING SHOWS THE STABILITY OF THE FINISHED TRUCK. CALCULATIONS ARE BASED ON THE FOLLOWING ASSUMPTIONS:

LTS BASED ON THE TRUCK'S WEIGHT DISTRIBUTION. THIS IS THE STREET-SIDE VIEW OF THE FINISHED UNIT. HEIGHTS AND GROUND CLEARANCES, WHEN SHOWN, ARE AS INDICATED.

THIS IS THE TRUCK INFORMATION USED IN THE FINAL LAYOUT, WEIGHT DISTRIBUTION, AND STABILITY ANALYSIS. IF THE TRUCK IS A TRUCK WITH AN EXTEND FRAME RAIL, THE WEIGHT DISTRIBUTION SHOULD BE RECALCULATED TO REFLECT THE WEIGHT OF THE EXTENDED FRAME RAIL.

WEIGHT DISTRIBUTION

FRONT

THE GROSS WEIGHT OF THE TRUCK	14,470 LBS
THE MAXIMUM PAYLOAD ON THE CRANE	5,084 LBS
THE GROSS WEIGHT OF THE TRUCK WITH PAYLOAD	19,554 LBS

COMMENTS:
TAG AXLE MUST BE DESIGNATED AS PAYLOAD BASED ON THE WEIGHT DISTRIBUTION OVERALL WEIGHTS SHOWN ARE INDICATED FROM THE TRUCK'S WEIGHT DISTRIBUTION. INDIVIDUAL AXLES PART OF A TANDEM OR TRIPLE AXLE PERFORMANCE, DEPENDING ON THE TRUCK'S WEIGHT DISTRIBUTION, TRANSFER THE FULL AMOUNT OF WEIGHT TO THE TAG AXLE.

WEIGHT DISTR. OVERALL WEIGHTS SHOWN ARE INDICATED FROM THE TRUCK'S WEIGHT DISTRIBUTION. INDIVIDUAL AXLES PART OF A TANDEM OR TRIPLE AXLE PERFORMANCE, DEPENDING ON THE TRUCK'S WEIGHT DISTRIBUTION, TRANSFER THE FULL AMOUNT OF WEIGHT TO THE TAG AXLE.

CRANE:
CRANE OUTRIGGERS:
CRANE STABILIZERS:
AUX. OUTRIGGER-STAB:
2ND AUX. OUTR-STAB:
CONTROLS:
SUBFRAME:

NOTE: THIS IS NOT NECESSARILY THE CASE FOR ALL TRUCKS. IF THE TARE WEIGHTS SHOULD BE RECALCULATED TO REFLECT THE WEIGHT OF THE EXTENDED FRAME RAIL, THE WEIGHT DISTRIBUTION SHOULD BE RECALCULATED TO REFLECT THE WEIGHT OF THE EXTENDED FRAME RAIL.

PW 50001-SH C FREIGHTLINER 114SD

REVISION CONTROL		DATE
REV	CHANGE	DATE
1	ISSUE	OCT 20/11
2		
3		

CRANE / TRUCK ANALYSIS PACKAGE

DATE: OCT 20/11 DRAWN BY: M.P. PROJECT: 7246474841 1 OF 5

MAX. HORIZONTAL CAPACITY (IBS)

2,950 @ 52'	→ LOAD CHART
2,050 @ 61'	→ LOAD CHART
3,400 @ 52'	→ LOAD CHART
2,450 @ 61'	→ LOAD CHART
2,900 @ 61'	→ LOAD CHART
3,350 @ 61'	→ LOAD CHART
1,780 @ 76'	→ LOAD CHART



→ ENGINEERING SERVICES

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

PALFINGER ROOFING

PW 32001 B

KNUCKLEBOOM CRANES

MODEL

PW 32001 B

PW 32001 C

PW 35001-SH B

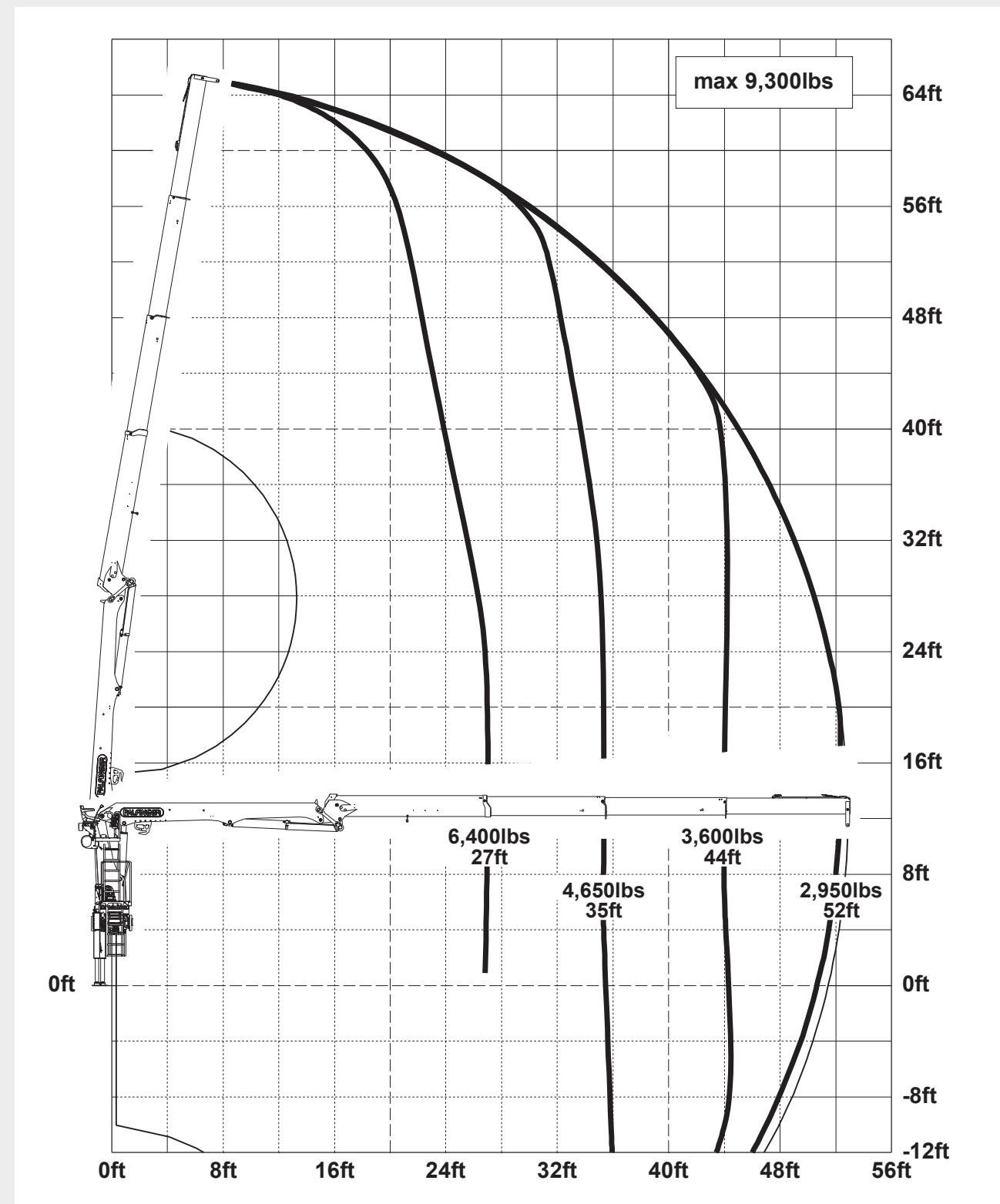
PW 35001-SH C

PW 38001 C

PW 42001-SH C

PW 50001-SH C

* Other combinations available - consult your PALFINGER representative



KNIFE LIFTS

MAX. VERTICAL REACH

MAX. HORIZONTAL CAPACITY (IBS)

4'8"

2,950 @ 52'

→ [LOAD CHART](#)

3'2"

2,050 @ 61'

→ [LOAD CHART](#)

4'8"

3,400 @ 52'

→ [LOAD CHART](#)

3'2"

2,450 @ 61'

→ [LOAD CHART](#)

3'2"

2,900 @ 61'

→ [LOAD CHART](#)

3'2"

3,350 @ 61'

→ [LOAD CHART](#)

3'

1,780 @ 76'

→ [LOAD CHART](#)





→ ENGINEERING SERVICES

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

PALFINGER ROOFING

KNUCKLEBOOM CRANES

MODEL

PW 32001 B

PW 32001 C

PW 35001-SH B

PW 35001-SH C

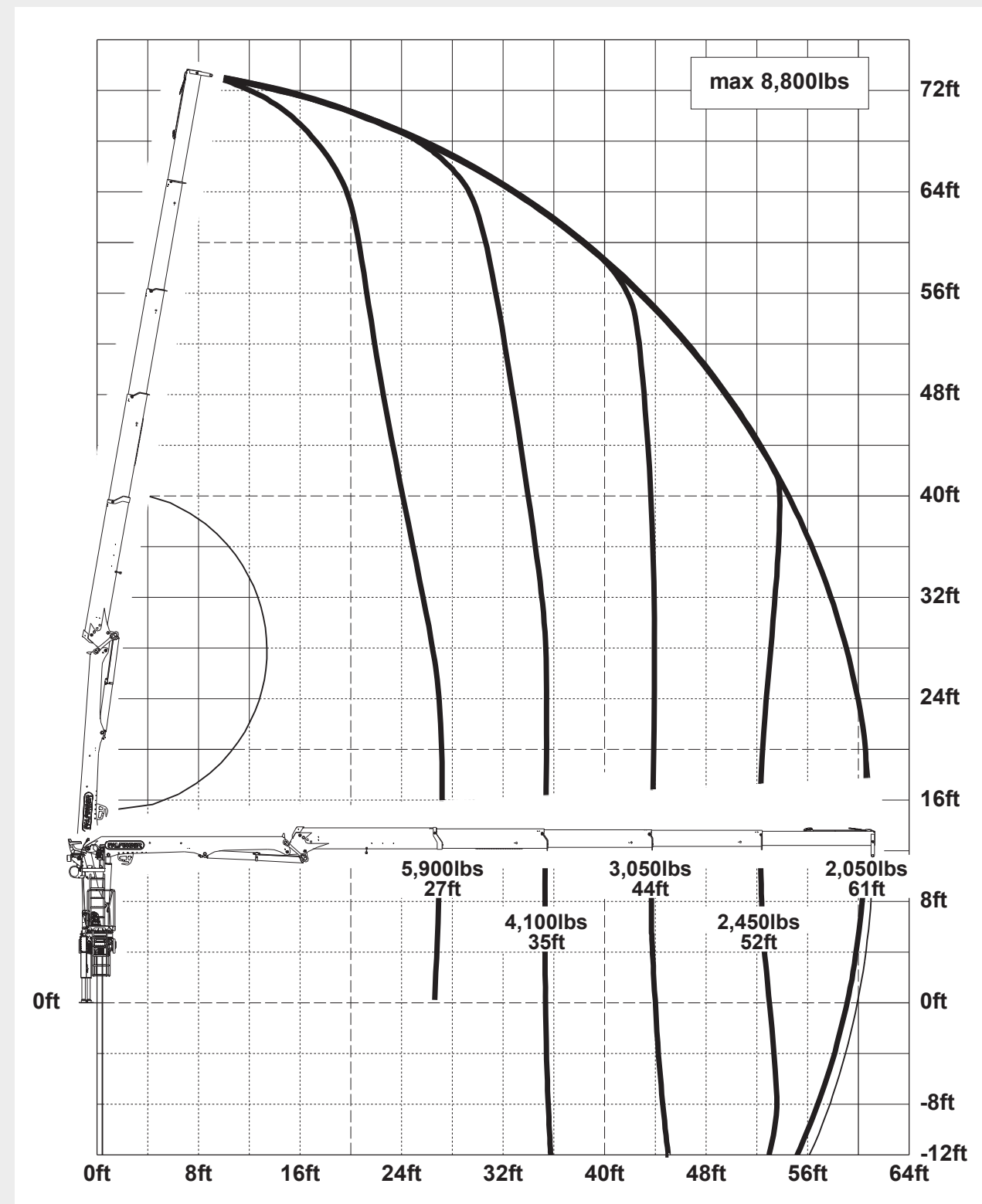
PW 38001 C

PW 42001-SH C

PW 50001-SH C

* Other combinations available - consult your PALFINGER representative

PW 32001 C



KNIFE LIFTS

MAX. VERTICAL REACH

MAX. HORIZONTAL CAPACITY (IBS)

4'8"

2,950 @ 52'

→ [LOAD CHART](#)

3'2"

2,050 @ 61'

→ [LOAD CHART](#)

4'8"

3,400 @ 52'

→ [LOAD CHART](#)

3'2"

2,450 @ 61'

→ [LOAD CHART](#)

3'2"

2,900 @ 61'

→ [LOAD CHART](#)

3'2"

3,350 @ 61'

→ [LOAD CHART](#)

3'

1,780 @ 76'

→ [LOAD CHART](#)





→ ENGINEERING SERVICES

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

PALFINGER ROOFING

KNUCKLEBOOM CRANES

MODEL

PW 32001 B

PW 32001 C

PW 35001-SH B

PW 35001-SH C

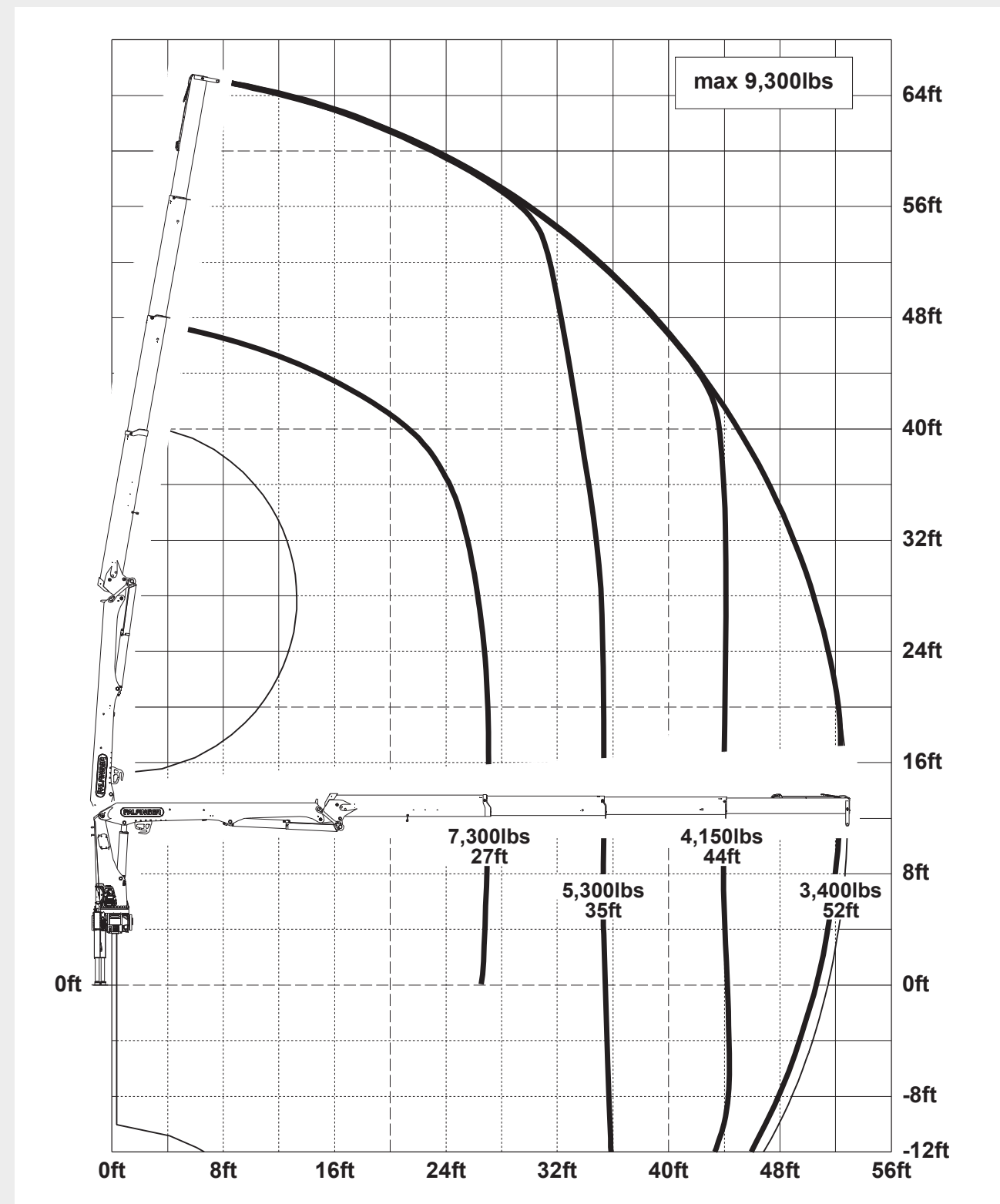
PW 38001 C

PW 42001-SH C

PW 50001-SH C

* Other combinations available - consult your PALFINGER representative

PW 35001-SH B



KNIFE LIFTS

MAX. VERTICAL REACH	MAX. HORIZONTAL CAPACITY (IBS)	
4'8"	2,950 @ 52'	→ LOAD CHART
3'2"	2,050 @ 61'	→ LOAD CHART
4'8"	3,400 @ 52'	→ LOAD CHART
3'2"	2,450 @ 61'	→ LOAD CHART
3'2"	2,900 @ 61'	→ LOAD CHART
3'2"	3,350 @ 61'	→ LOAD CHART
3'	1,780 @ 76'	→ LOAD CHART



PALFINGER ROOFING

PW 35001-SH C

KNUCKLEBOOM CRANES

MODEL

PW 32001 B

PW 32001 C

PW 35001-SH B

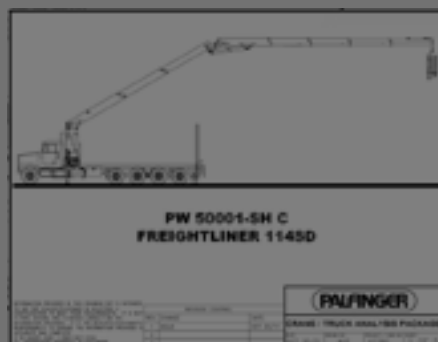
PW 35001-SH C

PW 38001 C

PW 42001-SH C

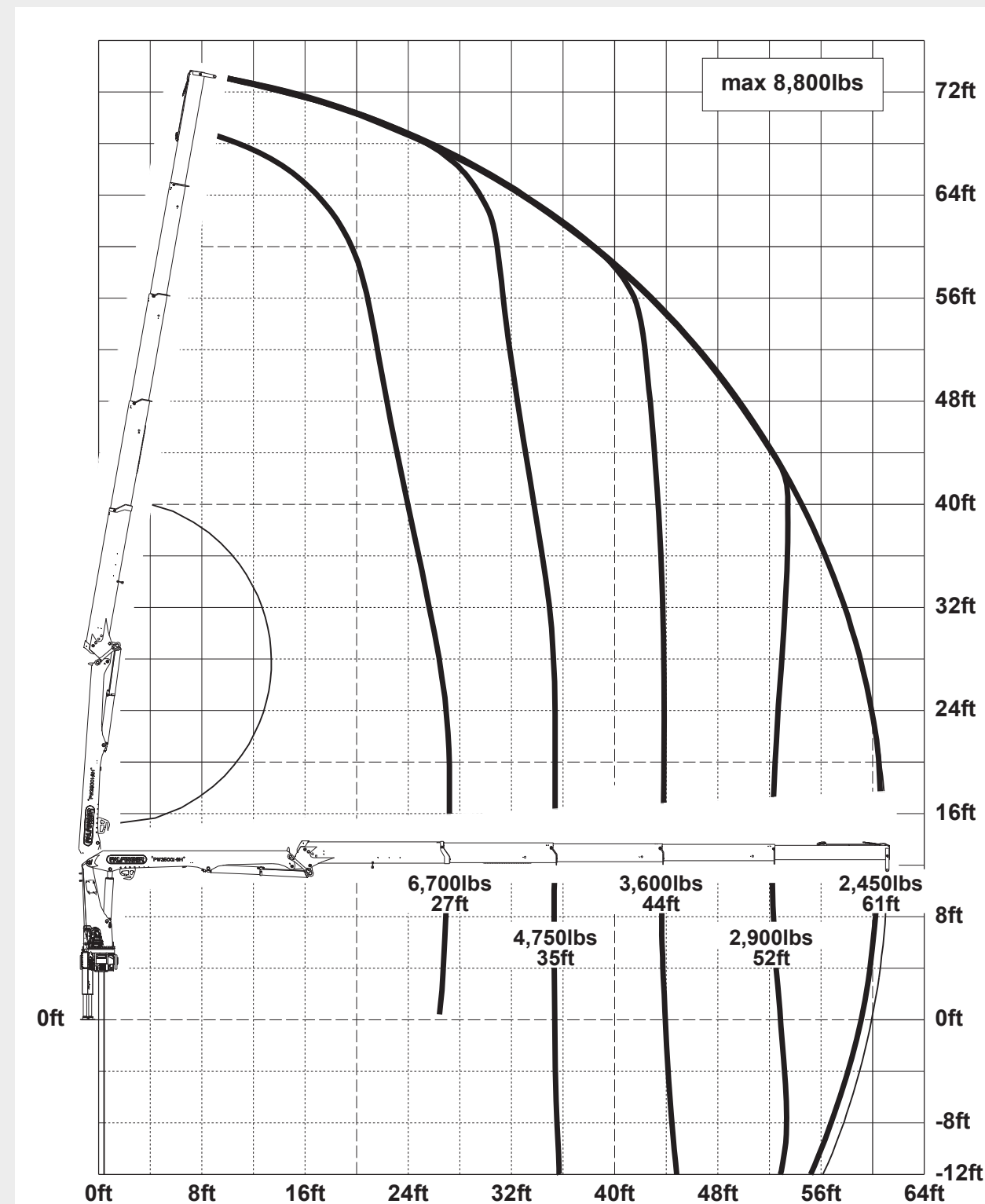
PW 50001-SH C

* Other combinations available - consult your PALFINGER representative



→ ENGINEERING SERVICES

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



KNIFE-EDGE LIFTS

MAX. VERTICAL REACH

MAX. HORIZONTAL CAPACITY (IBS)

4'8"

2,950 @ 52'

→ [LOAD CHART](#)

3'2"

2,050 @ 61'

→ [LOAD CHART](#)

4'8"

3,400 @ 52'

→ [LOAD CHART](#)

3'2"

2,450 @ 61'

→ [LOAD CHART](#)

3'2"

2,900 @ 61'

→ [LOAD CHART](#)

3'2"

3,350 @ 61'

→ [LOAD CHART](#)

3'

1,780 @ 76'

→ [LOAD CHART](#)



→ ENGINEERING SERVICES

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

PALFINGER ROOFING

PW 38001 C

KNUCKLEBOOM CRANES

MODEL

PW 32001 B

PW 32001 C

PW 35001-SH B

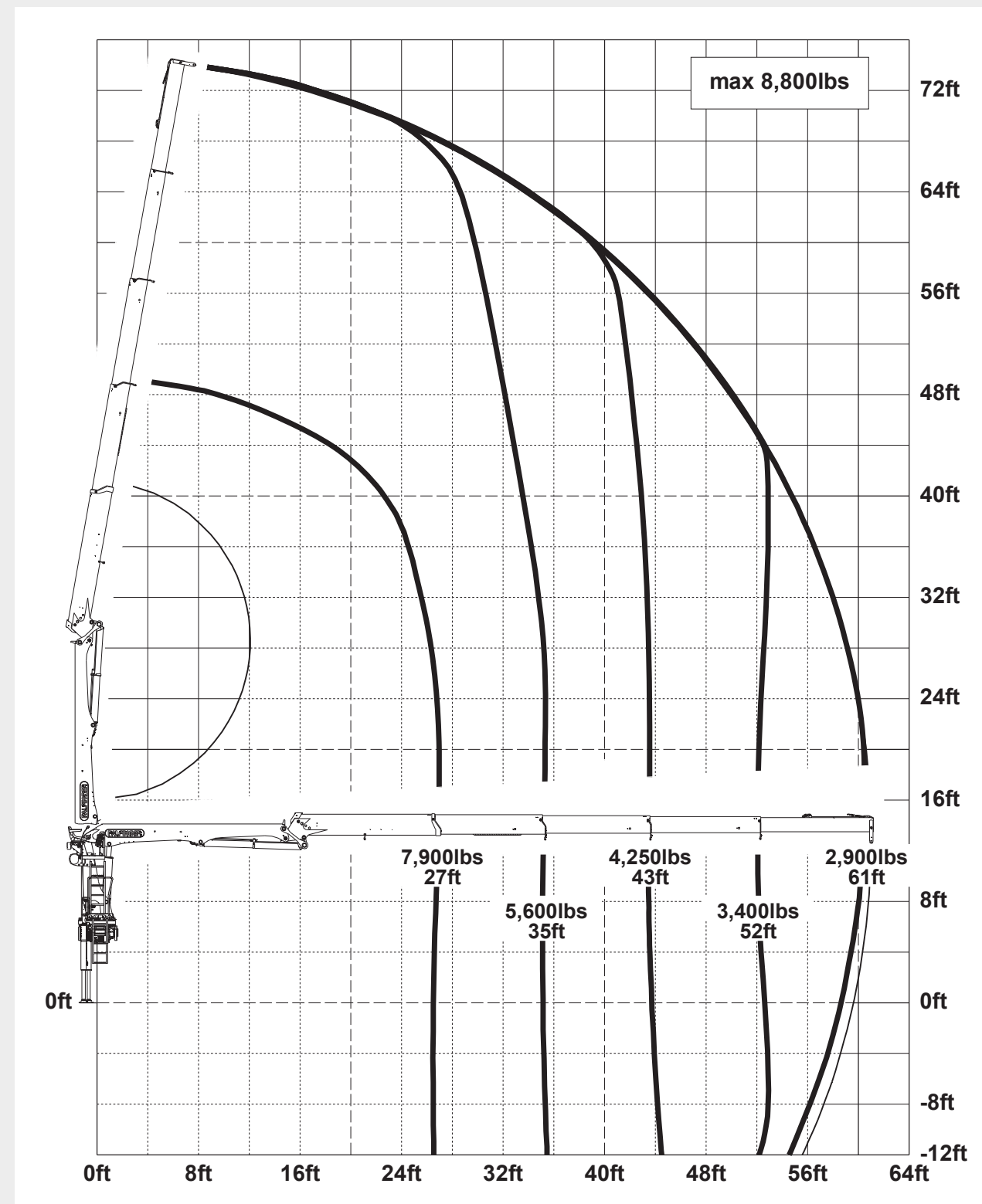
PW 35001-SH C

PW 38001 C

PW 42001-SH C

PW 50001-SH C

* Other combinations available - consult your PALFINGER representative



KNIFE LIFTS

MAX. VERTICAL REACH

MAX. HORIZONTAL CAPACITY (IBS)

4'8"

2,950 @ 52'

→ [LOAD CHART](#)

3'2"

2,050 @ 61'

→ [LOAD CHART](#)

4'8"

3,400 @ 52'

→ [LOAD CHART](#)

3'2"

2,450 @ 61'

→ [LOAD CHART](#)

3'2"

2,900 @ 61'

→ [LOAD CHART](#)

3'2"

3,350 @ 61'

→ [LOAD CHART](#)

3'

1,780 @ 76'

→ [LOAD CHART](#)



→ ENGINEERING SERVICES

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

PALFINGER ROOFING

PW 42001-SH C

KNUCKLEBOOM CRANES

MODEL

PW 32001 B

PW 32001 C

PW 35001-SH B

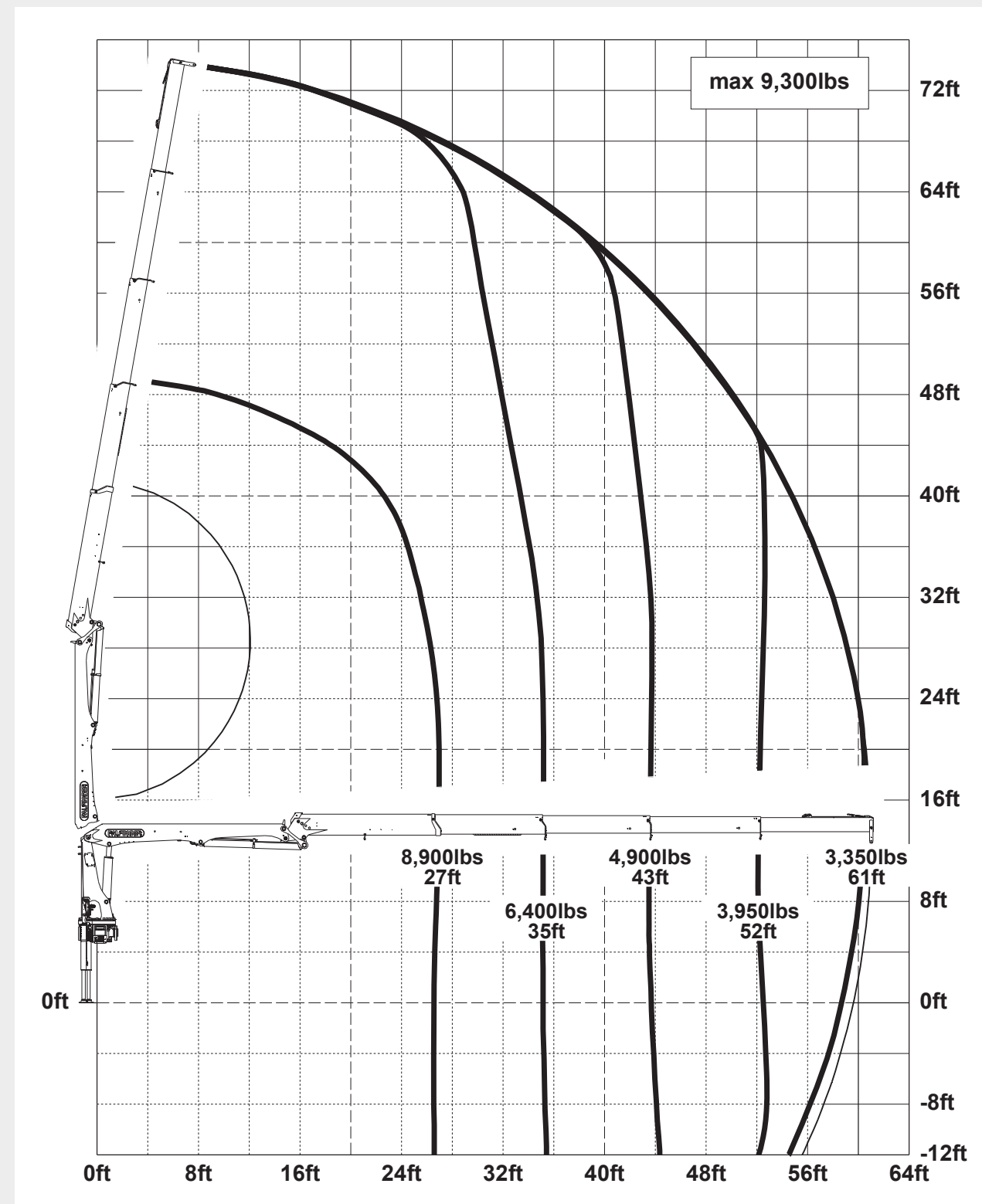
PW 35001-SH C

PW 38001 C

PW 42001-SH C

PW 50001-SH C

* Other combinations available - consult your PALFINGER representative



KNIFE LIFTS

MAX. VERTICAL REACH

MAX. HORIZONTAL CAPACITY (IBS)

4'8"

2,950 @ 52'

→ [LOAD CHART](#)

3'2"

2,050 @ 61'

→ [LOAD CHART](#)

4'8"

3,400 @ 52'

→ [LOAD CHART](#)

3'2"

2,450 @ 61'

→ [LOAD CHART](#)

3'2"

2,900 @ 61'

→ [LOAD CHART](#)

3'2"

3,350 @ 61'

→ [LOAD CHART](#)

3'

1,780 @ 76'

→ [LOAD CHART](#)



LIFETIME EXCELLENCE

HOME

DELIVERY TYPES

SERVICE

JOB STORY

ABOUT US



→ ENGINEERING SERVICES

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

PALFINGER ROOFING

KNUCKLEBOOM CRANES

MODEL

PW 32001 B

PW 32001 C

PW 35001-SH B

PW 35001-SH C

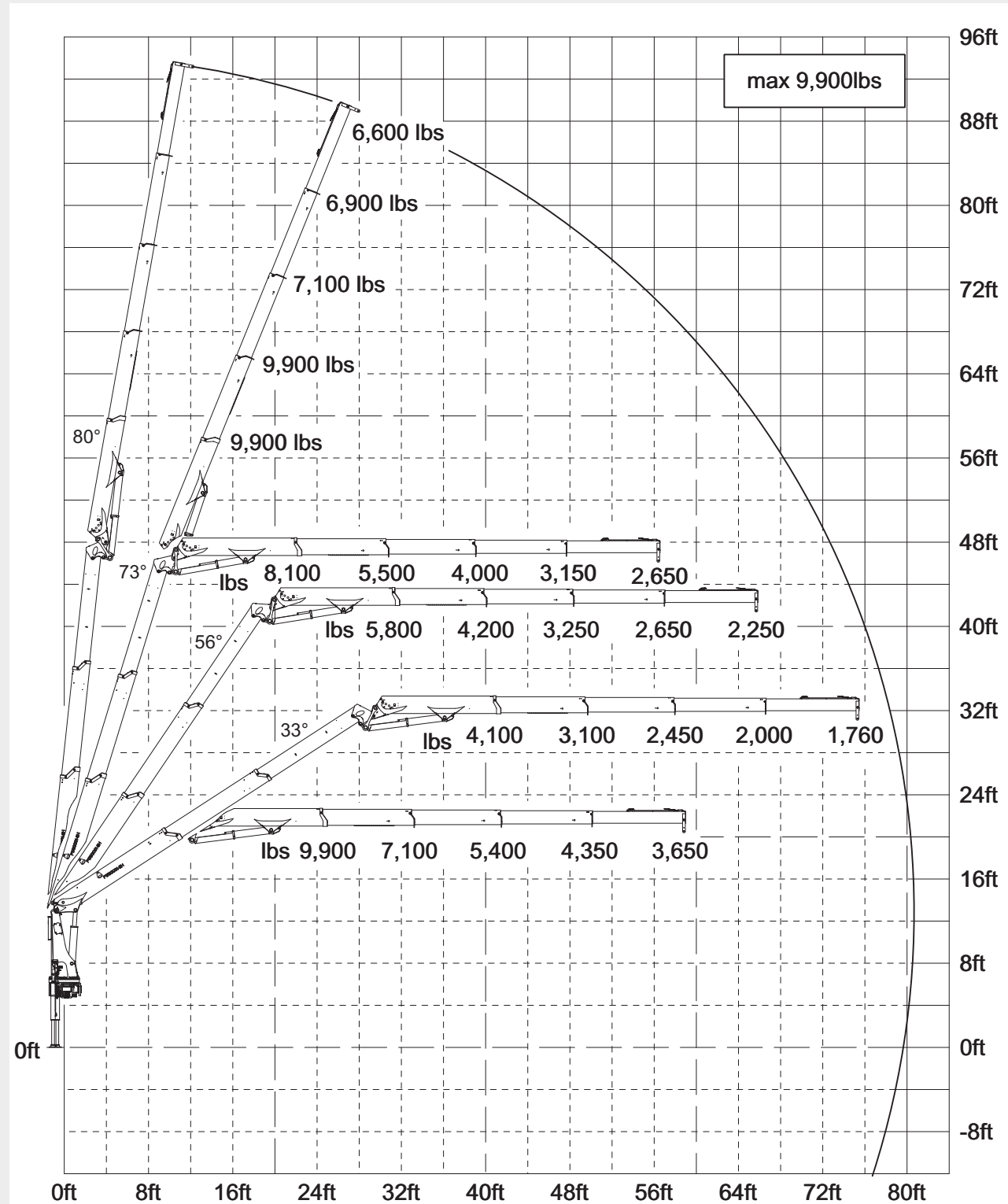
PW 38001 C

PW 42001-SH C

PW 50001-SH C

* Other combinations available - consult your PALFINGER representative

PW 50001-SH C



KNIFE LIFTS

MAX. VERTICAL REACH

MAX. HORIZONTAL CAPACITY (IBS)

4'8"

2,950 @ 52'

→ LOAD CHART

3'2"

2,050 @ 61'

→ LOAD CHART

4'8"

3,400 @ 52'

→ LOAD CHART

3'2"

2,450 @ 61'

→ LOAD CHART

3'2"

2,900 @ 61'

→ LOAD CHART

3'2"

3,350 @ 61'

→ LOAD CHART

3'

1,780 @ 76'

→ LOAD CHART



BACK

PALFINGER ON THE JOB

ROOFING MATERIALS



KNUCKLEBOOM CRANES

“DRYWALL“ CRANES

CONVEYOR ALTERNATIVE

FORKLIFTS

Create a safer working environment with the PW 310 crane – a perfect alternative to a conveyor.

Much like a conveyor, the crane is rear mounted and stores over the truck bed – but it can lift pallets of materials straight to the roof.

Forget about walking back and forth across the truck bed to load the conveyor one package at a time! Additionally, the operator can move the pallet to different positions on the roof to speed up the unloading process.

By reducing the amount of labor and activity on the truck bed, the job becomes safer and deliveries become more productive and more efficient.

Complete jobs in less time, reduce man power in your delivery team and, ultimately, deliver more materials per truck, per day with this solution.

With our conveyor alternatives, provide your customer with a value-added service!



FEATURES

RECOMMENDED MODELS



PALFINGER ON THE JOB

ROOFING MATERIALS



KNUCKLEBOOM CRANES

“DRYWALL“ CRANES

CONVEYOR ALTERNATIVE

FORKLIFTS

PALFINGER ON THE JOB

ROOFING MATERIALS



KNUCKLEBOOM CRANES

“DRYWALL” CRANES

CONVEYOR ALTERNATIVE

FORKLIFTS



PALFINGER ON THE JOB

ROOFING MATERIALS



KNUCKLEBOOM CRANES

“DRYWALL” CRANES

CONVEYOR ALTERNATIVE

FORKLIFTS



PALFINGER ON THE JOB ROOFING MATERIALS



KNUCKLEBOOM CRANES

“DRYWALL” CRANES

CONVEYOR ALTERNATIVE

FORKLIFTS



PALFINGER ON THE JOB

ROOFING MATERIALS



KNUCKLEBOOM CRANES

“DRYWALL” CRANES

CONVEYOR ALTERNATIVE

FORKLIFTS



PALFINGER ON THE JOB

ROOFING MATERIALS



KNUCKLEBOOM CRANES

“DRYWALL” CRANES

CONVEYOR ALTERNATIVE

FORKLIFTS



PALFINGER ON THE JOB

ROOFING MATERIALS



KNUCKLEBOOM CRANES

“DRYWALL“ CRANES

CONVEYOR ALTERNATIVE

FORKLIFTS



PALFINGER ON THE JOB ROOFING MATERIALS



KNUCKLEBOOM CRANES

“DRYWALL“ CRANES

CONVEYOR ALTERNATIVE

FORKLIFTS



PALFINGER ON THE JOB

ROOFING MATERIALS



KNUCKLEBOOM CRANES

“DRYWALL” CRANES

CONVEYOR ALTERNATIVE

FORKLIFTS



PALFINGER ON THE JOB

ROOFING MATERIALS



KNUCKLEBOOM CRANES

“DRYWALL“ CRANES

CONVEYOR ALTERNATIVE

FORKLIFTS



PALFINGER ON THE JOB

ROOFING MATERIALS



KNUCKLEBOOM CRANES		"DRYWALL" CRANES		CONVEYOR ALTERNATIVE		FORKLIFTS		
MODEL	MAX. LIFTING MOMENT (FT.IBS)	GROSS ROTATION TORQUE (FT.IBS)	SLEWING RANGE	STABILIZER SPREAD	WEIGHT (FL, R3X, STZS3, 4) (IBS)	MAX. HORIZONTAL REACH	MAX. VERTICAL REACH	MAX. HORIZONTAL CAPACITY (IBS)
PW 310	122,960	22,420	400°	21' 8"	5,960	42'4"	55'	2,910 @ 42'4"
PW 32001 A	194,850	42,700	470°	22' 5"	6,742	43'	55'6"	4,450 @ 42'
PW 35001-SH A	218,230	42,700	470°	22' 5"	6,742	43'	55'6"	5,000 @ 42'

* Other combinations available - please consult your PALFINGER representative

PALFINGER ON THE JOB ROOFING MATERIALS



KNUCKLE

ENGINEERING SERVICE

MODEL

PW 310

PW 32001 A

PW 35001-SH

* Other combinations
consult your PALFINGER



→ ENGINEERING SERVICES

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

STABILITY ANALYSIS

THIS DRAWING SHOWS THE STABILITY OF THE FINISHED TRUCK. CALCULATIONS ARE BASED ON THE FOLLOWING ASSUMPTIONS:

WEIGHT DISTRIBUTION

THE GROSS WEIGHT OF THE TRUCK WITH CURB WEIGHT IS 14,470 LBS.

THE MAXIMUM PAYLOAD ON THE CRANE IS 5,084 LBS.

THE GROSS WEIGHT OF THE TRUCK WITH PAYLOAD IS 19,554 LBS.

COMMENTS:
TAG AXLE MUST BE DESIGNATED AS PAYLOAD BASED ON THE WEIGHT DISTRIBUTION OVERALL WEIGHTS SHOWN ARE INDICATED FROM THE LOAD EQUALIZING ABILITY OF TANDUM TRAILER AXLES PART OF A TANDUM TRAILER. UPTAKE PERFORMANCE, DEPENDS ON THE TYPE OF MATERIAL TO BE LIFTED. TRANSPORT THE FULL AMOUNT OF WEIGHT.

FINAL LAYOUT

THIS IS THE STREET-SIDE VIEW OF THE FINISHED UNIT. HEIGHTS AND GROUND CLEARANCES, WHEN SHOWN, ARE INDICATED BY DIMENSIONS.

59 BOC

83 BOC

TRUCK SPECIFICATION

THIS IS THE TRUCK INFORMATION USED IN THE FINAL LAYOUT, WEIGHT DISTRIBUTION, AND STABILITY ANALYSIS. IF THE TRUCK IS AN EXTEND FRAME RAIL TRUCK, THE EXTENSION LENGTH MUST BE INDICATED.

**PW 50001-SH C
FREIGHTLINER 114SD**

NOTE: THIS IS NOT A LOAD CHART. VALUES NECESSARY TO DETERMINE THE TARE WEIGHTS SHOULD BE OBTAINED BY SCALING THE TRUCK.

IF THE TARE WEIGHTS SHOULD BE OBTAINED BY SCALING THE TRUCK, THE TARE WEIGHTS SHOULD BE OBTAINED BY SCALING THE TRUCK.

REVISION CONTROL		DATE
1	ISSUE	OCT 20/11
2		
3		

CRANE / TRUCK ANALYSIS PACKAGE

DATE: OCT 20/11 DRAWN BY: M.P. PROJECT: 734617481 1 OF 5

MAX. HORIZONTAL CAPACITY (IBS)

2,910 @ 42'4" → [LOAD CHART](#)

4,450 @ 42' → [LOAD CHART](#)

5,000 @ 42' → [LOAD CHART](#)



→ ENGINEERING SERVICES

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

PALFINGER ROOFING

PW 310

KNUCKLEBOOM CRANES

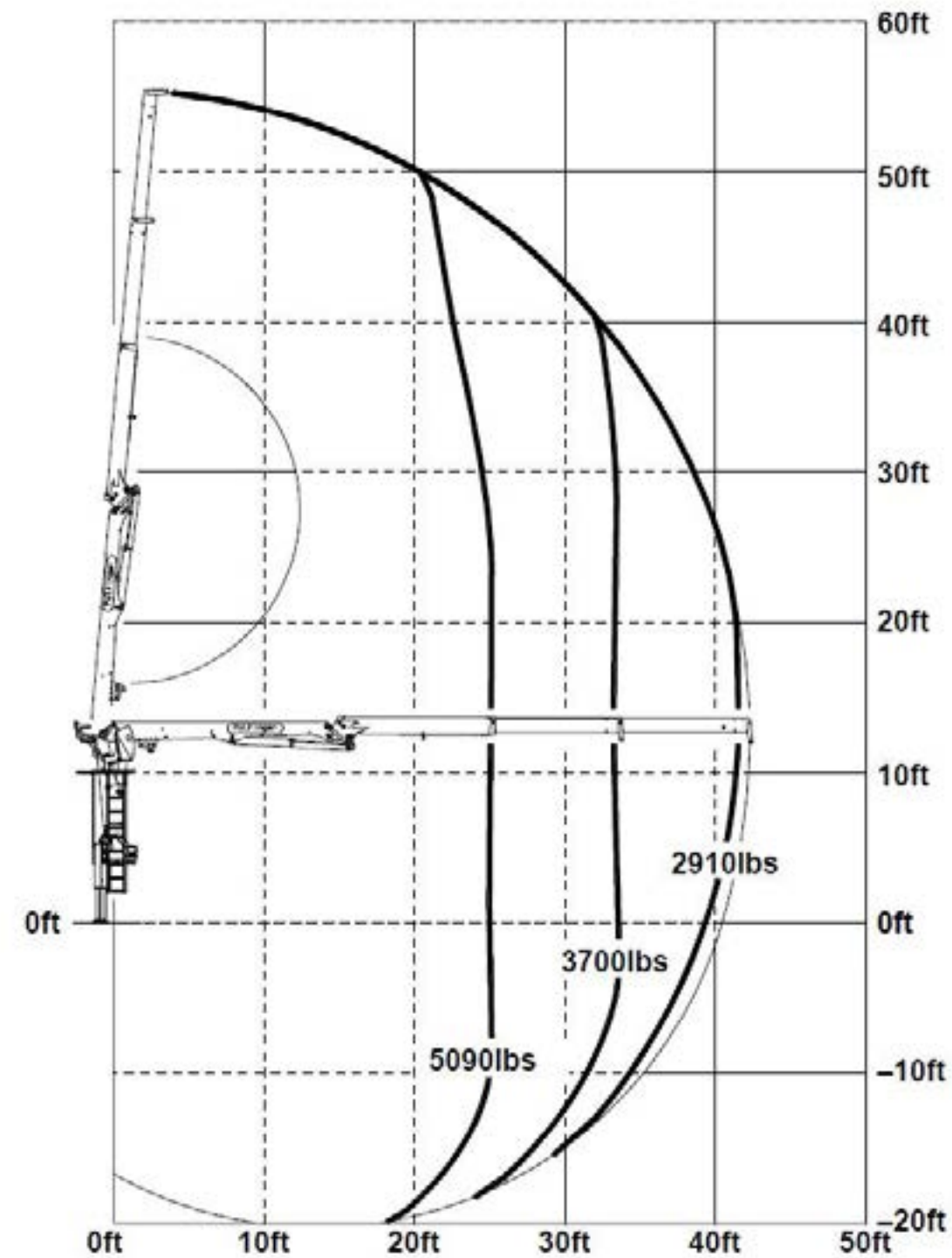
MODEL

PW 310

PW 32001 A

PW 35001-SH A

* Other combinations available - consult your PALFINGER representative



KNUCKLEBOOM CRANES

MAX. VERTICAL REACH

MAX. HORIZONTAL CAPACITY (IBS)

5'

2,910 @ 42'4"

→ [LOAD CHART](#)

5'6"

4,450 @ 42'

→ [LOAD CHART](#)

5'6"

5,000 @ 42'

→ [LOAD CHART](#)



→ ENGINEERING SERVICES

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

PALFINGER ROOFING

PW 32001 A

KNUCKLEBOOM CRANES

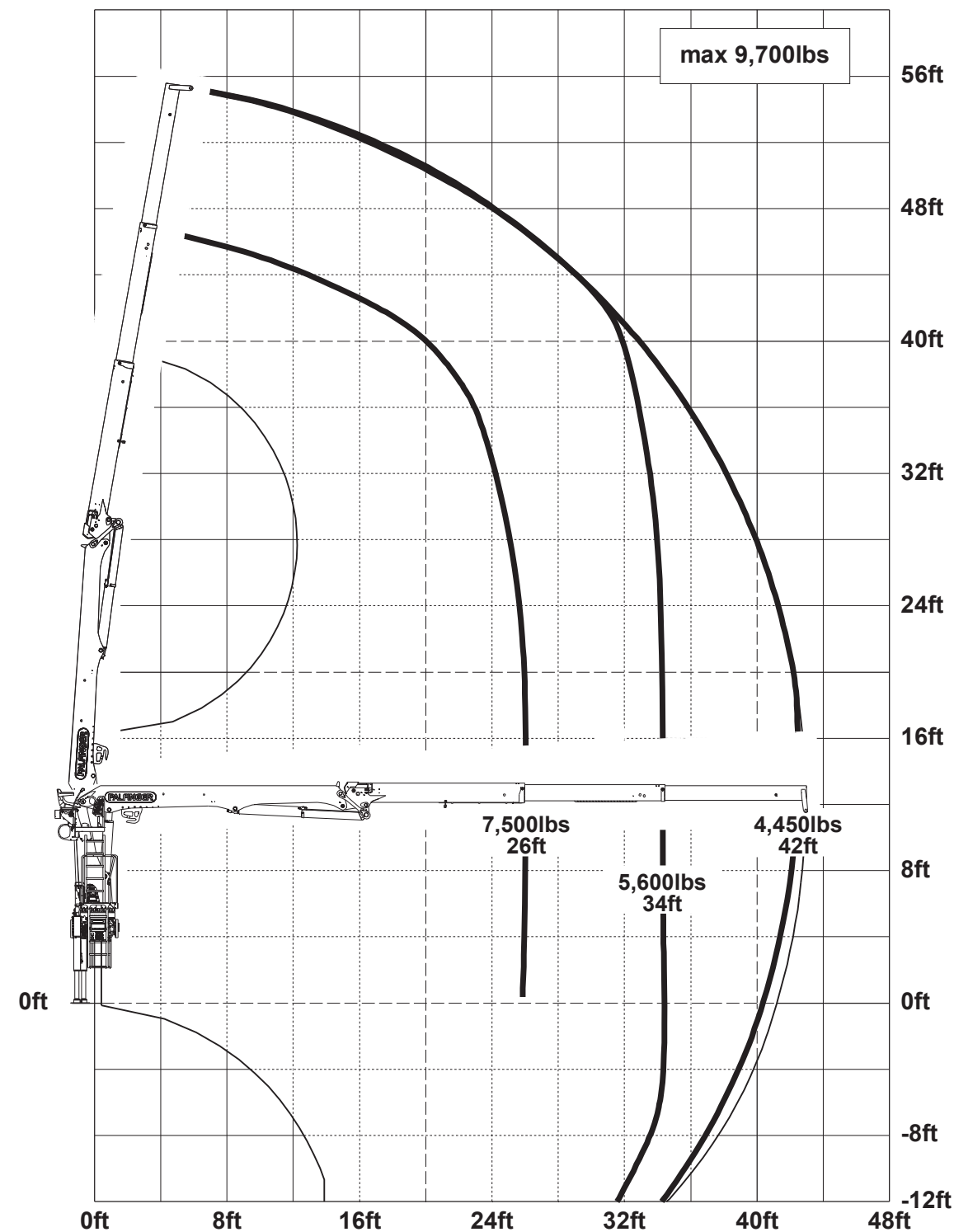
MODEL

PW 310

PW 32001 A

PW 35001-SH A

* Other combinations available - consult your PALFINGER representative



KNIFEBOOM CRANES

MAX. VERTICAL REACH

MAX. HORIZONTAL CAPACITY (IBS)

5'

2,910 @ 42'4"

→ [LOAD CHART](#)

5'6"

4,450 @ 42'

→ [LOAD CHART](#)

5'6"

5,000 @ 42'

→ [LOAD CHART](#)



→ ENGINEERING SERVICES

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

PALFINGER ROOFING

KNUCKLEBOOM CRANES

MODEL

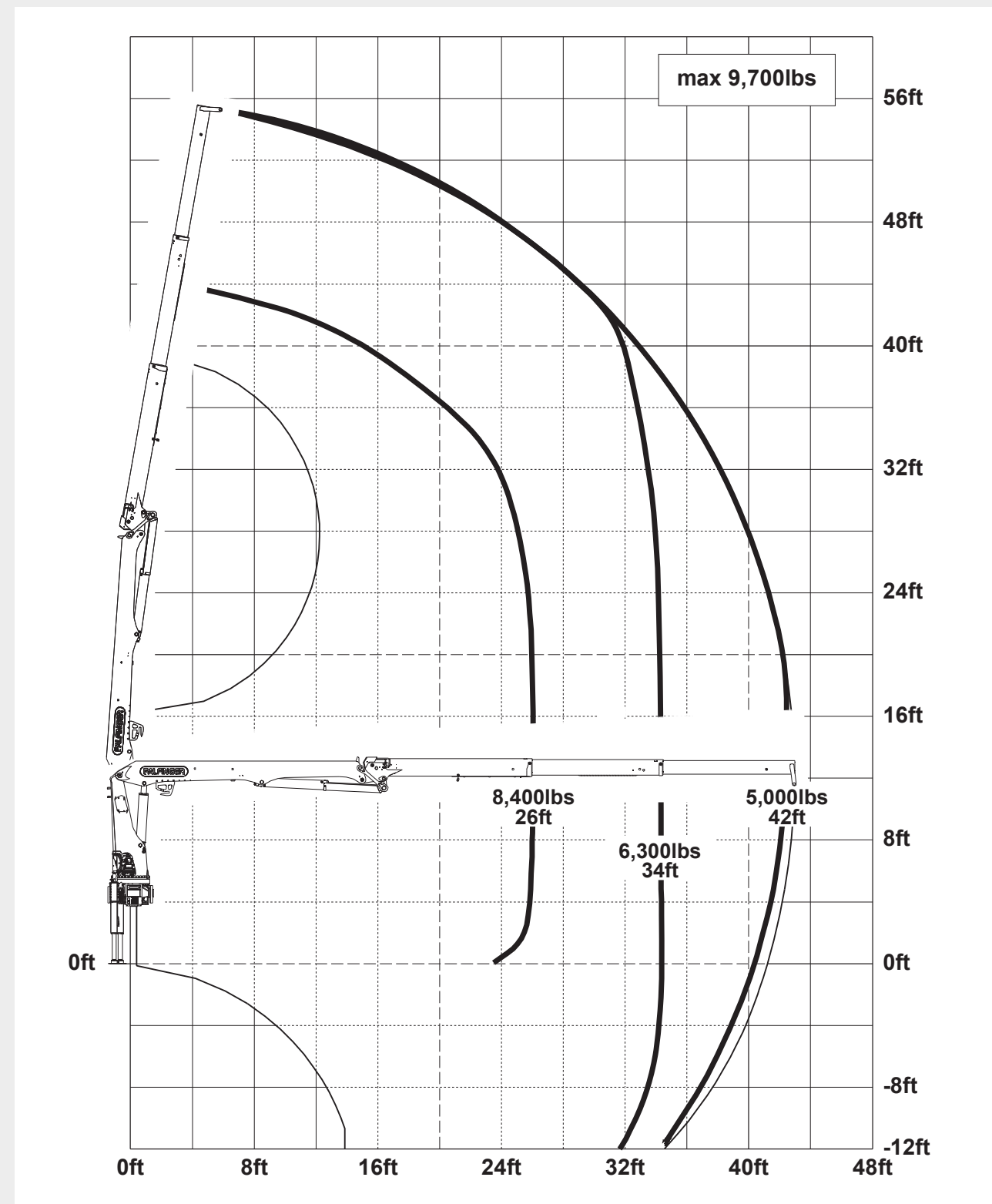
PW 310

PW 32001 A

PW 35001-SH A

* Other combinations available - consult your PALFINGER representative

PW 35001-SH A



KNIFE LIFTS

MAX. VERTICAL REACH MAX. HORIZONTAL CAPACITY (IBS)

5'	2,910 @ 42'4"	→ LOAD CHART
5'6"	4,450 @ 42'	→ LOAD CHART
5'6"	5,000 @ 42'	→ LOAD CHART





PALFINGER IN THE JOB ROOFING MATERIALS

ACTIVE OSCILLATION SUPPRESSION

POWER LINK

LOW-MAINTENANCE
EXTENSION SYSTEM



KNUCKLEBOOM CRANE

“DRYWALL” CRANES

CONVEYOR ALTERNATIVE

FORKLIFTS

REMOTE CONTROL

TRANSPORT SWITCHES

STABILIZER LIGHTS



* Models shown are optionally-equipped and do not always correspond to the standard specifications. Contact your PALFINGER Representative for information about optional features and model availability.

PALFINGER ON THE JOB

ROOFING MATERIALS



KNUCKLEBOOM CRANES

“DRYWALL“ CRANES

CONVEYOR ALTERNATIVE

FORKLIFTS

Whatever materials you need to handle, PALINGER has the right equipment for the job. Our Truck-Mounted Forklifts are a great partner for a variety of building materials, including wallboard, lumber and roofing supplies.

With excellent visibility, low center gravity, high ground clearance and a powerful drive system, these innovative machines perform large ground-drop applications with speed.

Truck-Mounted Forklifts are also excellent for staging materials at commercial job sites and other building developments.

Browse our range of forklifts below to find the right machine for your jobs.





PALFINGER ON THE JOB

ROOFING MATERIALS



KNUCKLEBOOM CRANES

“DRYWALL“ CRANES

CONVEYOR ALTERNATIVE

FORKLIFTS

PALFINGER ON THE JOB

ROOFING MATERIALS



KNUCKLEBOOM CRANES

“DRYWALL” CRANES

CONVEYOR ALTERNATIVE

FORKLIFTS



PALFINGER ON THE JOB

ROOFING MATERIALS



KNUCKLEBOOM CRANES

“DRYWALL“ CRANES

CONVEYOR ALTERNATIVE

FORKLIFTS



PALFINGER ON THE JOB

ROOFING MATERIALS



KNUCKLEBOOM CRANES

“DRYWALL” CRANES

CONVEYOR ALTERNATIVE

FORKLIFTS



PALFINGER ON THE JOB

ROOFING MATERIALS



KNUCKLEBOOM CRANES

“DRYWALL“ CRANES

CONVEYOR ALTERNATIVE

FORKLIFTS



PALFINGER ON THE JOB

ROOFING MATERIALS



KNUCKLEBOOM CRANES

“DRYWALL” CRANES

CONVEYOR ALTERNATIVE

FORKLIFTS



PALFINGER ON THE JOB

ROOFING MATERIALS



KNUCKLEBOOM CRANES

“DRYWALL“ CRANES

CONVEYOR ALTERNATIVE

FORKLIFTS



PALFINGER ON THE JOB

ROOFING MATERIALS



KNUCKLEBOOM CRANES

“DRYWALL” CRANES

CONVEYOR ALTERNATIVE

FORKLIFTS



PALFINGER ON THE JOB

ROOFING MATERIALS



KNUCKLEBOOM CRANES

“DRYWALL“ CRANES

CONVEYOR ALTERNATIVE

FORKLIFTS



PALFINGER ON THE JOB

ROOFING MATERIALS



KNUCKLEBOOM CRANES

“DRYWALL” CRANES

CONVEYOR ALTERNATIVE

FORKLIFTS



PALFINGER ON THE JOB

ROOFING MATERIALS



KNUCKLEBOOM CRANES

“DRYWALL” CRANES

CONVEYOR ALTERNATIVE

FORKLIFTS



4-WAY

SCISSOR MECHANISM

60” OVERHANG



OPERATOR COMPARTMENT

DURABLE FINISH

P.L.U.S. SYSTEM

ENGINE

* Models shown are optionally-equipped and do not always correspond to the standard specifications. Contact your PALFINGER Representative for information about optional features and model availability.

PALFINGER ON THE JOB

ROOFING MATERIALS



KNUCKLEBOOM CRANES

“DRYWALL“ CRANES

CONVEYOR ALTERNATIVE

FORKLIFTS

MODEL	LIFT HEIGHT	CAPACITY @ 24" LOAD CENTER	OPERATING WEIGHT	OVERHANG FROM VEHICLE	ENGINE	DRIVE SYSTEM TYPE	GROUND SPEED	THEORETICAL GRADABILITY
GT 55	120"	5500 lbs	6300 lbs	57"	Kubota 50 HP	Hydrostatic Anti-Stall	7.5 MPH	30%
GT 55	144"	5500 lbs	6400 lbs	57"	Kubota 50 HP	Hydrostatic Anti-Stall	7.5 MPH	30%
GT 55 PALreach	120"	5500 lbs	7200 lbs	61"	Kubota 50 HP	Hydrostatic Anti-Stall	7.5 MPH	30%
GT 55 PALreach	144"	5500 lbs	7300 lbs	61"	Kubota 50 HP	Hydrostatic Anti-Stall	7.5 MPH	30%
GT 55e	120"	5500 lbs	6425 lbs	57"	Perkins 50 HP	Hydrostatic Anti-Stall	7.5 MPH	30%
GT 55e	144"	5500 lbs	6525 lbs	57"	Perkins 50 HP	Hydrostatic Anti-Stall	7.5 MPH	30%
GT 55e PALreach	120"	5500 lbs	7325 lbs	61"	Perkins 50 HP	Hydrostatic Anti-Stall	7.5 MPH	30%
GT 55e PALreach	144"	5500 lbs	7425 lbs	61"	Perkins 50 HP	Hydrostatic Anti-Stall	7.5 MPH	30%
CR 55 4-Way	120"	5500 lbs	6380 lbs	57"	Deutz 64 HP	Hydrostatic Anti-Stall	7 MPH	30%
CR 55 4-Way	144"	5500 lbs	6480 lbs	57"	Deutz 64 HP	Hydrostatic Anti-Stall	7 MPH	30%



LIFETIME EXCELLENCE

HOME

DELIVERY TYPES

SERVICE

JOB STORY

ABOUT US

PALFINGER ON THE JOB ROOFING MATERIALS



KNUCKLE

ENGINEERING SERVICE

MODEL

GT 55

GT 55

GT 55 PALrea

GT 55 PALrea

GT 55e

GT 55e

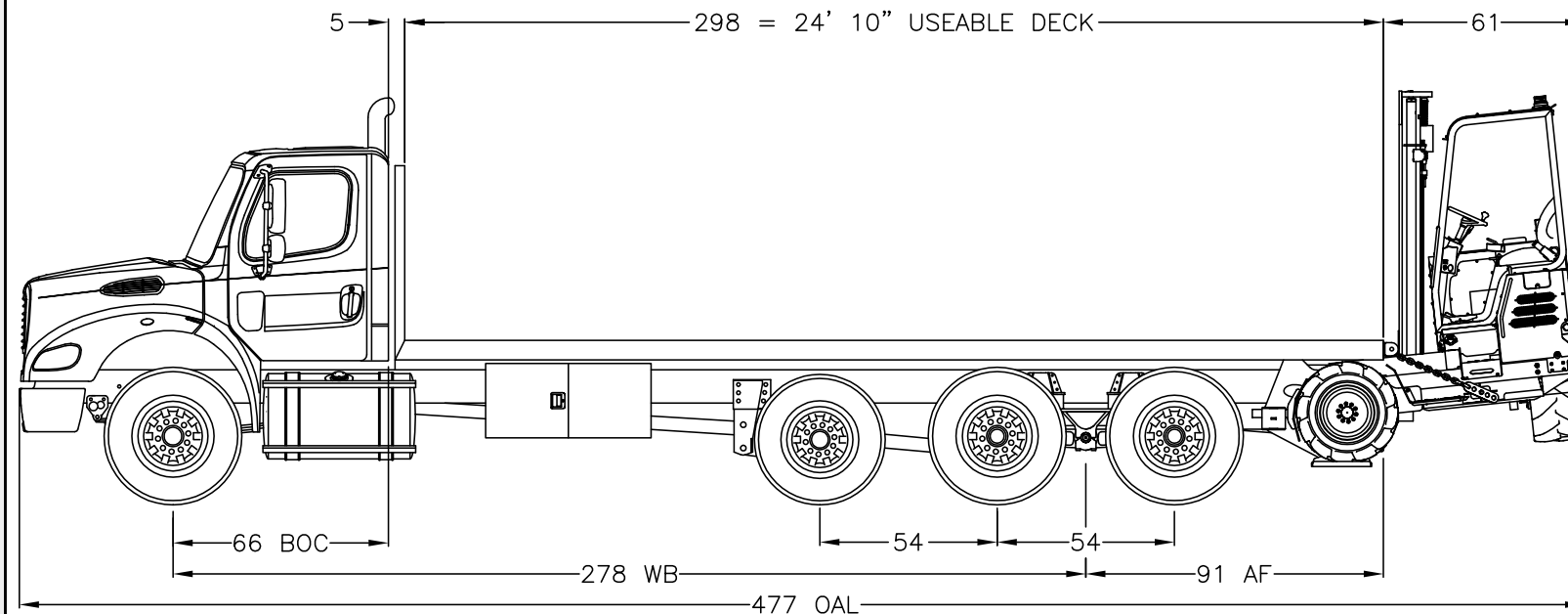
GT 55e PALre

GT 55e PALre

CR 55 4-Way

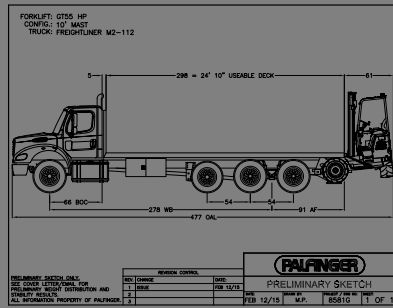
CR 55 4-Way

FORKLIFT: GT55 HP
CONFIG.: 10' MAST
TRUCK: FREIGHTLINER M2-112



THEORETICAL GRADABILITY

- 30% → [LOAD CHART](#)
- 30% → [LOAD CHART](#)
- 30% → [LOAD CHART](#)
- 30% → [LOAD CHART](#)
- 30% → [LOAD CHART](#)
- 30% → [LOAD CHART](#)
- 30% → [LOAD CHART](#)
- 30% → [LOAD CHART](#)
- 30% → [LOAD CHART](#)
- 30% → [LOAD CHART](#)



→ ENGINEERING SERVICES

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

PRELIMINARY SKETCH ONLY.
SEE COVER LETTER/EMAIL FOR PRELIMINARY WEIGHT DISTRIBUTION AND STABILITY RESULTS.
ALL INFORMATION PROPERTY OF PALFINGER.

REVISION CONTROL		
REV.	CHANGE	DATE:
1	ISSUE	FEB 12/15
2		
3		

PALFINGER

PRELIMINARY SKETCH

DATE: FEB 12/15	DRAWN BY: M.P.	PROJECT / DWG NO: 8581G	SHEET: 1 OF 1
--------------------	-------------------	----------------------------	------------------

BACK <<

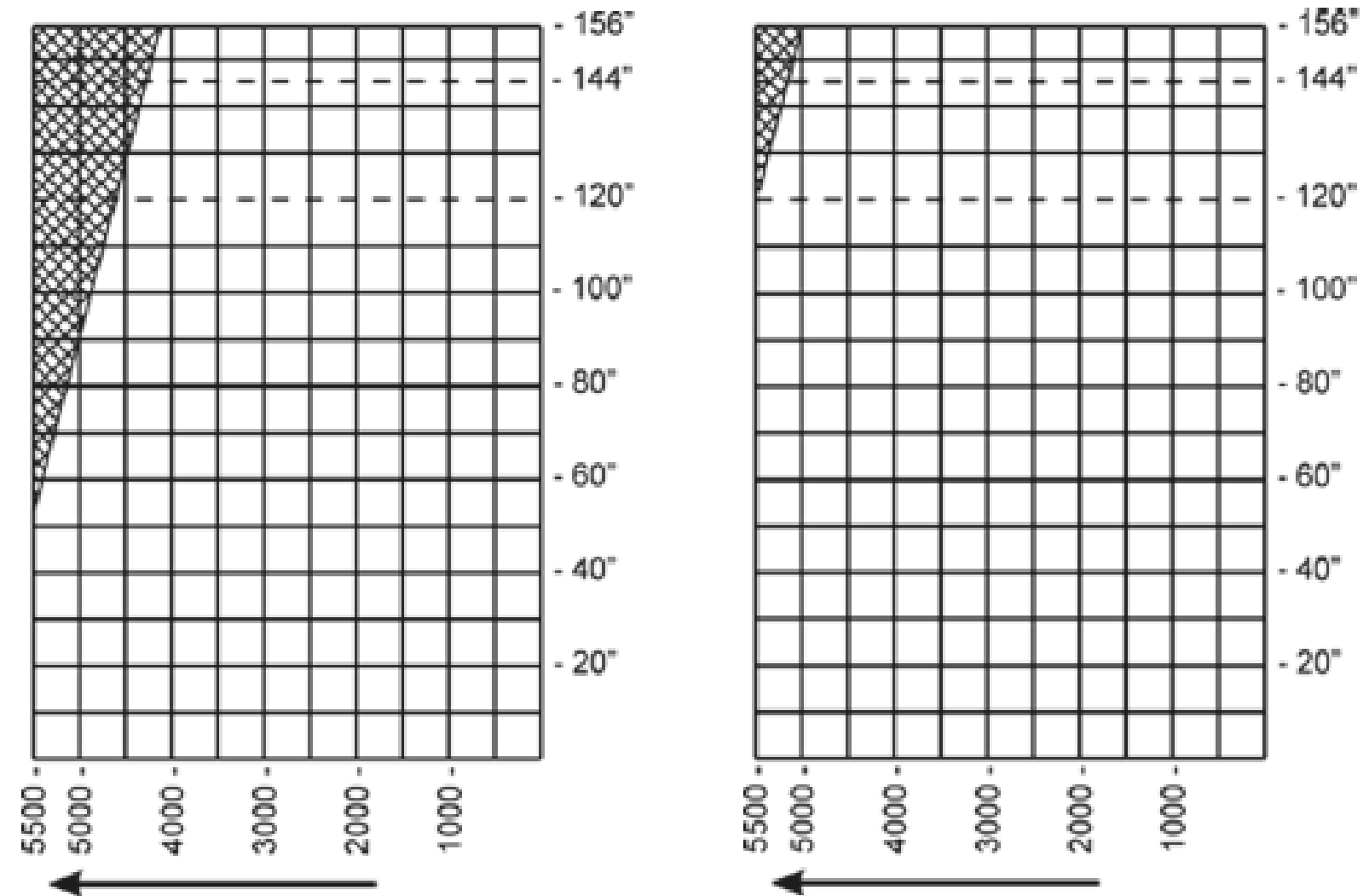
PALFINGER ROOFING


KNUCKLEBOOM CRANES

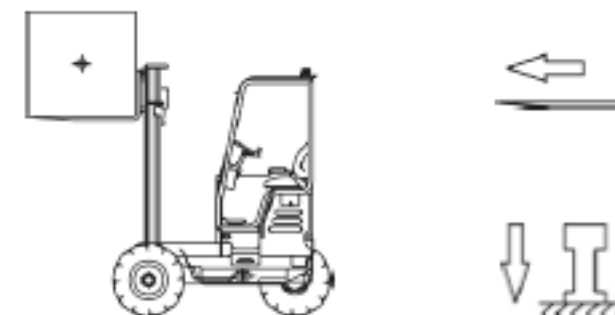
MODEL LIFT HEIGHT

GT 55	120"
GT 55	144"
GT 55 PALreach	120"
GT 55 PALreach	144"
GT 55e	120"
GT 55e	144"
GT 55e PALreach	120"
GT 55e PALreach	144"
CR 55 4-Way	120"
CR 55 4-Way	144"

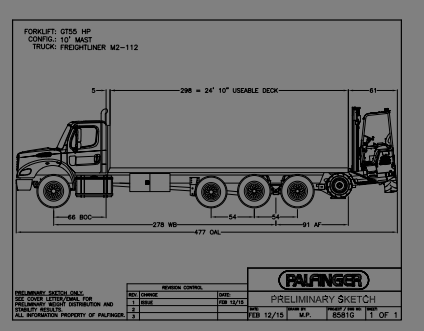
GT 55



 Not admissible range



- ▶ LOAD CHART
- ▶ LOAD CHART
- ▶ LOAD CHART
- ▶ LOAD CHART
- ▶ LOAD CHART
- ▶ LOAD CHART
- ▶ LOAD CHART
- ▶ LOAD CHART
- ▶ LOAD CHART

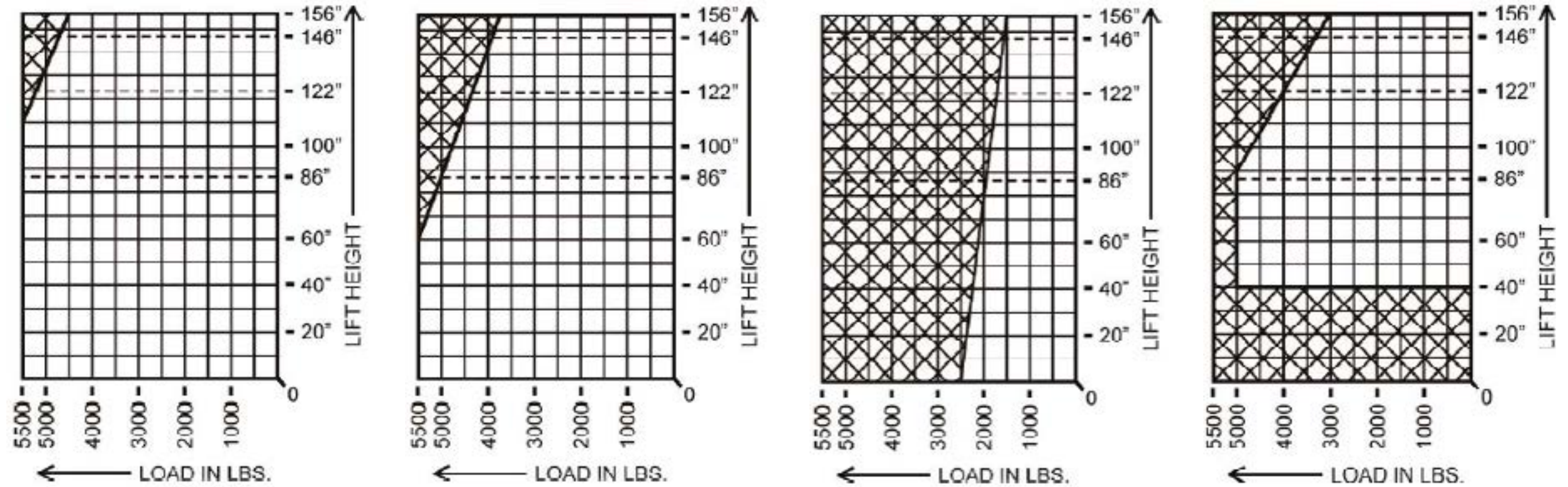


→ ENGINEERING SERVICES

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

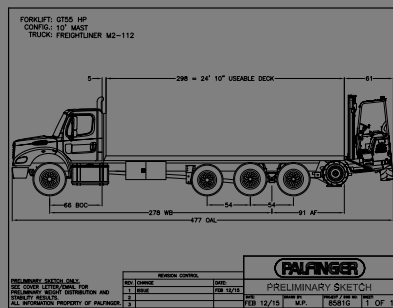
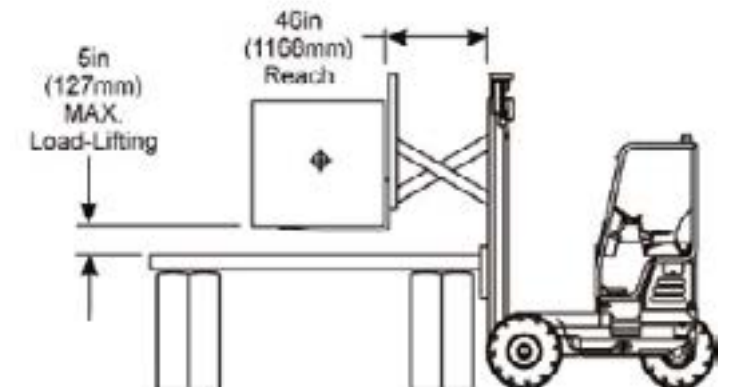
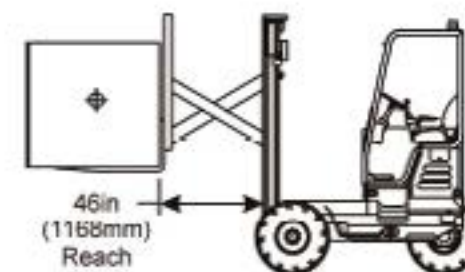
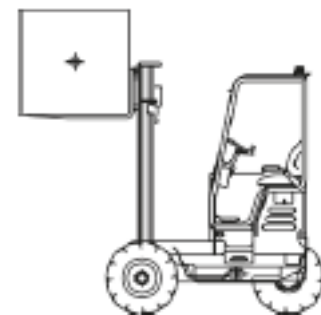


GT 55 PALreach



Not admissible range

Maximum permissible load 5500 lbs. (2500 kg)



→ ENGINEERING SERVICES

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

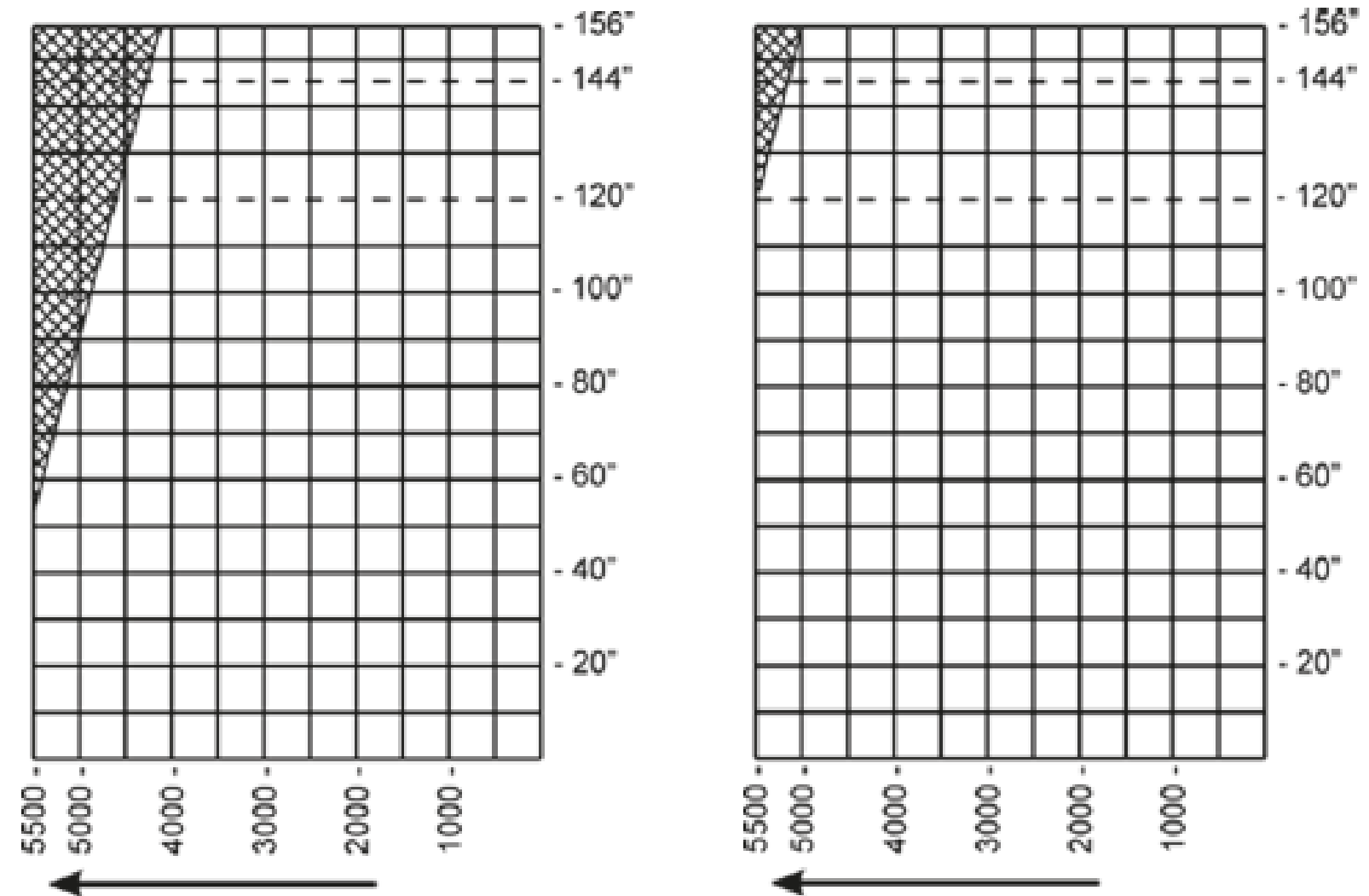
PALFINGER ROOFING


KNUCKLEBOOM CRANES

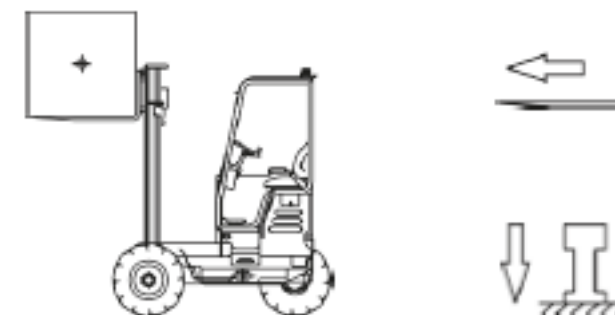
MODEL LIFT HEIGHT

GT 55	120"
GT 55	144"
GT 55 PALreach	120"
GT 55 PALreach	144"
GT 55e	120"
GT 55e	144"
GT 55e PALreach	120"
GT 55e PALreach	144"
CR 55 4-Way	120"
CR 55 4-Way	144"

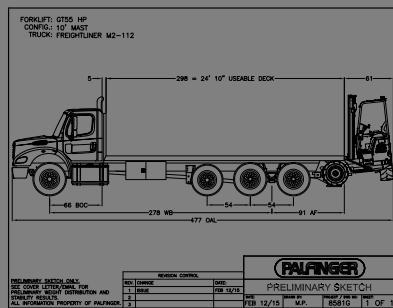
GT 55 e



 No admissible range



- ▶ LOAD CHART
- ▶ LOAD CHART
- ▶ LOAD CHART
- ▶ LOAD CHART
- ▶ LOAD CHART
- ▶ LOAD CHART
- ▶ LOAD CHART
- ▶ LOAD CHART
- ▶ LOAD CHART

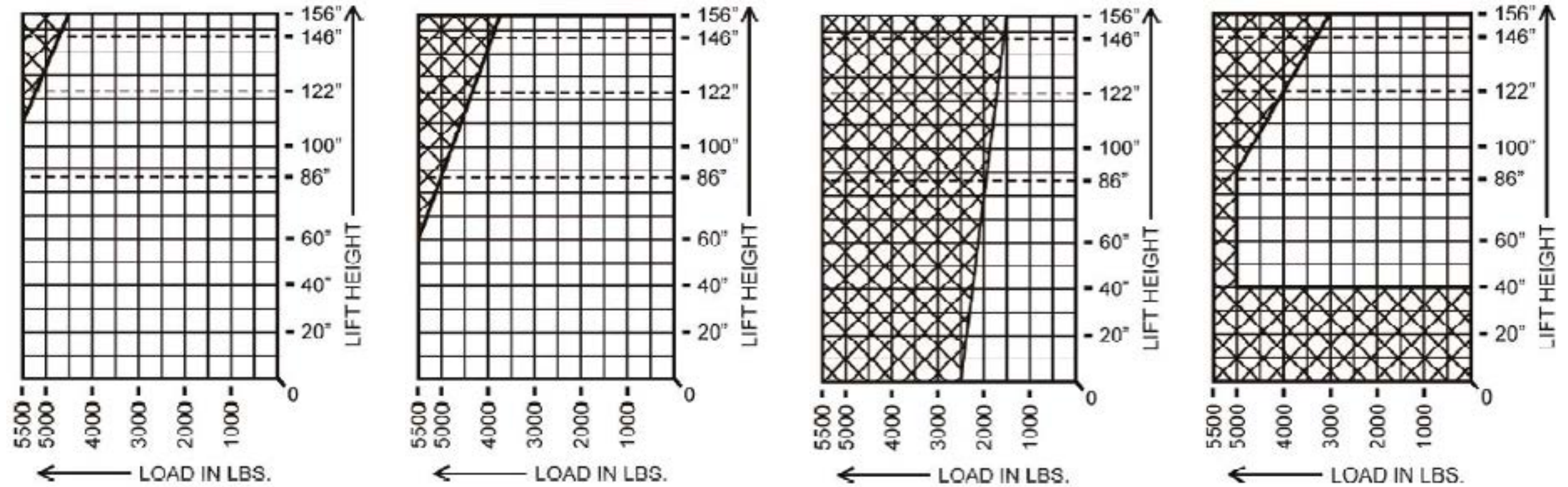


→ ENGINEERING SERVICES

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

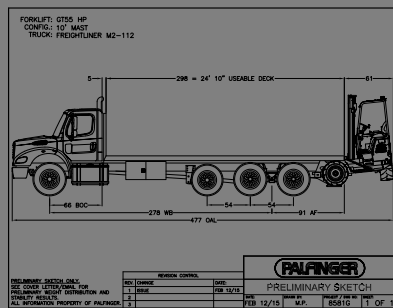
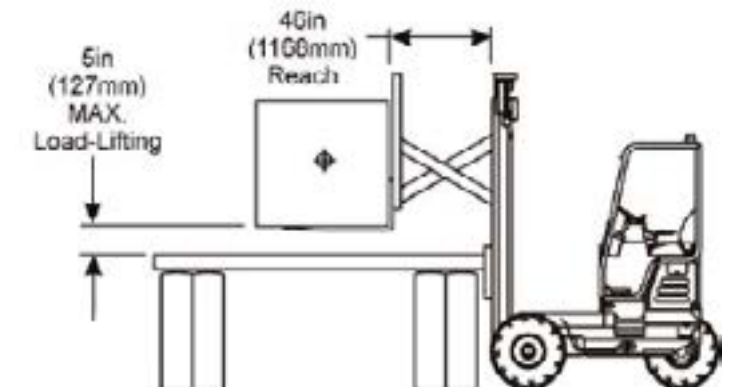
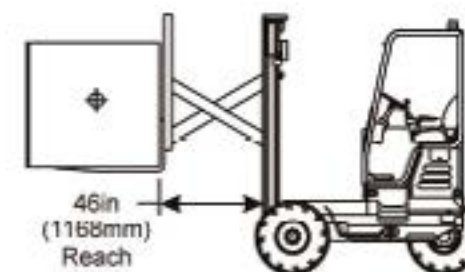
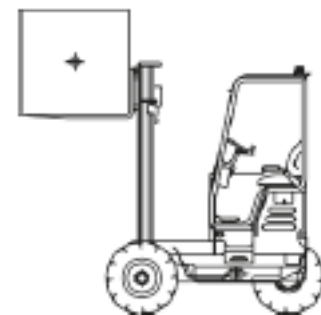


GT 55 e PALreach



Not admissible range

Maximum permissible load 5500 lbs. (2500 kg)



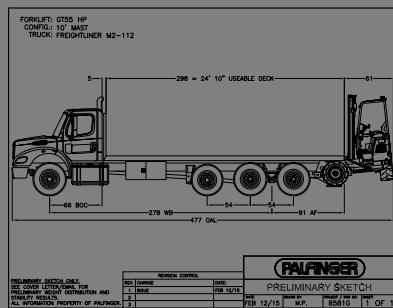
→ ENGINEERING SERVICES

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

CR 55 4-Way

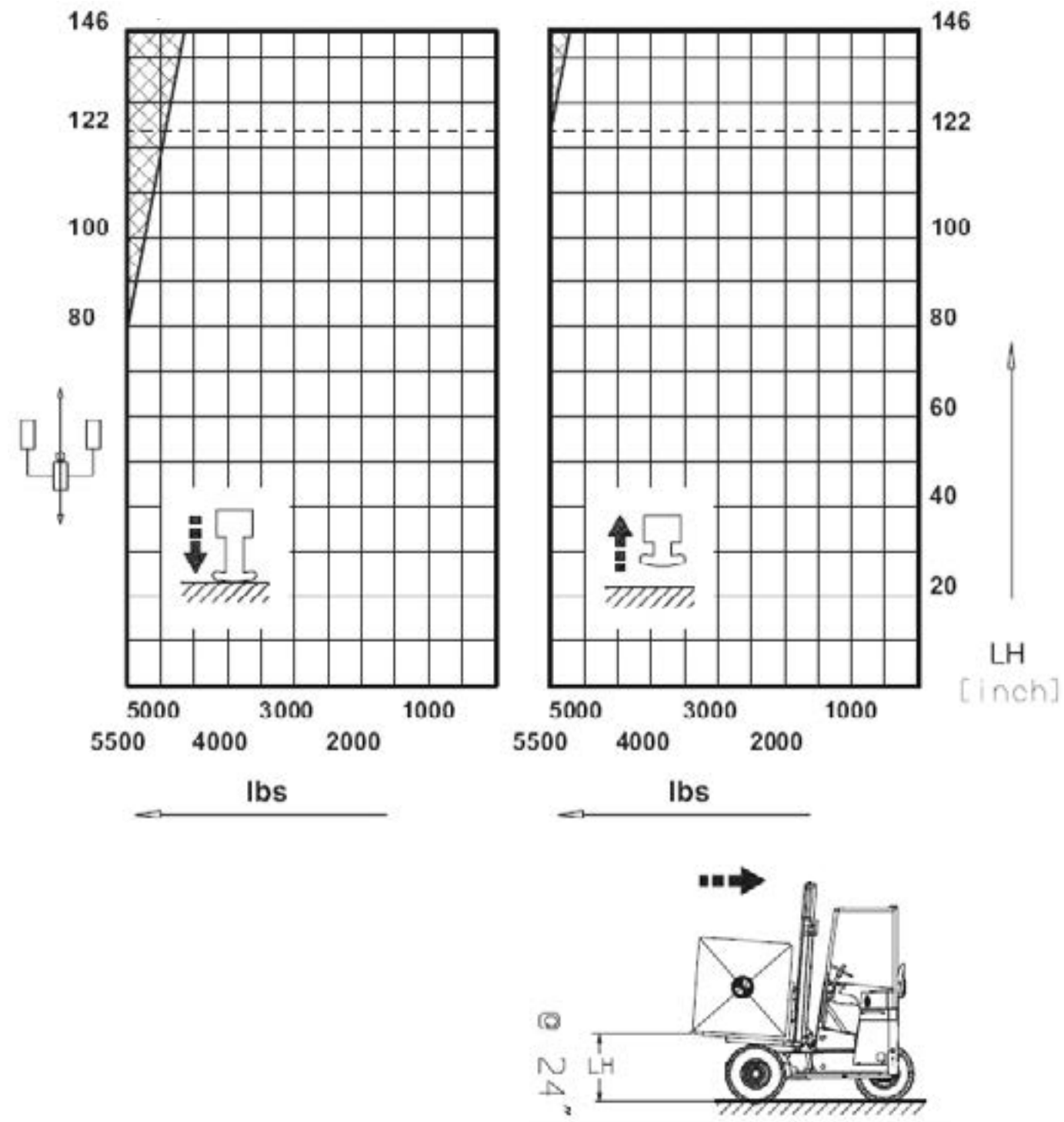
KNUCKLEBOOM CRANES

MODEL	LIFT HEIGHT
GT 55	120"
GT 55	144"
GT 55 PALreach	120"
GT 55 PALreach	144"
GT 55e	120"
GT 55e	144"
GT 55e PALreach	120"
GT 55e PALreach	144"
CR 55 4-Way	120"
CR 55 4-Way	144"



→ ENGINEERING SERVICES

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



- ▶ LOAD CHART
- ▶ LOAD CHART
- ▶ LOAD CHART
- ▶ LOAD CHART
- ▶ LOAD CHART
- ▶ LOAD CHART
- ▶ LOAD CHART
- ▶ LOAD CHART
- ▶ LOAD CHART
- ▶ LOAD CHART



PALFINGER

LIFETIME EXCELLENCE

PALFINGER ON THE JOB

ROOFING MATERIALS



SERVICE NETWORK

SPARE PARTS

WARRANTY

Your PALFINGER equipment will be a strong partner for all of your roofing delivery needs. Enjoy the pay backs of increased productivity and reduced 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
- Preventive maintenance
- Experienced service staff
- Service training at PALFINGER University
- Overnight parts delivery (within 24 h)
- Warranty programs



PALFINGER ON THE JOB ROOFING MATERIALS



SERVICE NETWORK

SPARE PARTS

WARRANTY

Ease of service and low maintenance on equipment is important in the roofing industry. PALFINGER has a strong and growing service network across North America.



PALFINGER ON THE JOB

ROOFING MATERIALS



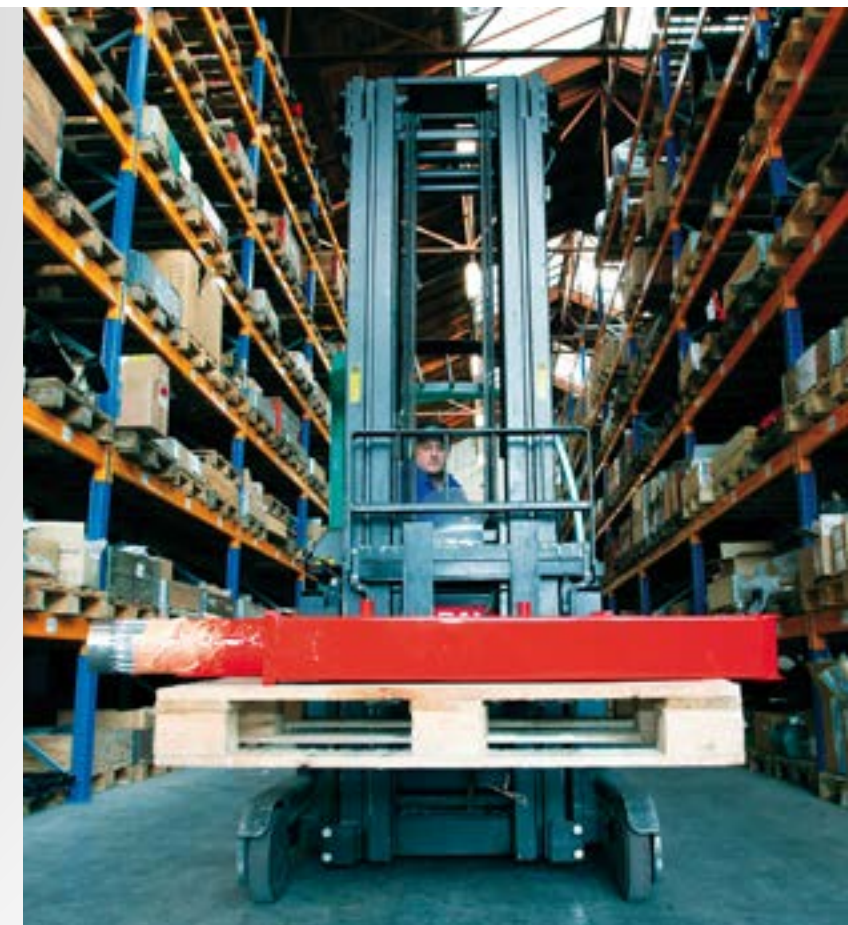
SERVICE NETWORK

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.



PALFINGER ON THE JOB

ROOFING MATERIALS



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 ON THE JOB ROOFING MATERIALS



EIKENHOUT COMMITTED TO QUALITY

Established in 1894, Eikenhout began as a small, family-owned, roofing supply company in Grand Rapids, MI. With roofing supplies as the core of their business for 121 years, Eikenhout has grown into a distributor of exterior building materials including, siding, windows, doors and a variety of exterior supplies, with seven branches across Michigan. A member of Building Suppliers Corporation (BSC) since 1999, Eikenhout handles many deliveries related to re-roofing, new construction and commercial work.

For nearly 25 years, Eikenhout relied on the good reach of a telescopic boom handler to deliver their shingles, but occasionally jobs were jeopardized. Because the telescopic boom handler was not able to make certain deliveries, Eikenhout began discussing ways to diversify their fleet around 2011.

Erik Brooks, Vice President of Operations, reflects, “In an effort to make sure that we didn’t lose jobs, we began to talk about different ways to deliver shingles, since roofing is the larger part of our business.”

As a result, Eikenhout invested in truck-mounted cranes to expand their fleet, add versatility to their delivery service and make their business more attractive to customers.

Although this transition was a new concept that took some adjustment from long-term employees, Eikenhout plans to continue adding cranes to their fleet. Amongst other equipment, their

current fleet includes a larger PALFINGER knuckleboom crane equipped with a fly-jib and conveyor alternative by PALFINGER – the PW 310 crane.

“WITH A BIGGER CRANE WE HAVE GAINED JOBS, LIKE 3-STOREY APARTMENT BUILDINGS, THAT WE OTHERWISE WOULD NOT HAVE BEEN ABLE TO COMPLETE, OR TO MAKE THE DELIVERY, WE WOULD’VE NEEDED TO RENT EQUIPMENT.”

Erik Brooks
Vice President of Operations

When making decisions to add new equipment, Eikenhout relies on the reliability of salesmen – whom they have developed a trusted relationship with – in addition to feedback from their drivers.

Eikenhout’s first certified crane operator, Jason, shared his experien-

ce with operating PALFINGER equipment. “In comparison to my old telescopic boom handler, PALFINGER cranes offer more flexibility and maneuverability because you have better access to the roof. We avoid parking a trailer on the street and no longer have to deal with traffic while unloading the materials.”

He also likes that he 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!”



PALFINGER ON THE JOB ROOFING MATERIALS



In addition to their high performance on the job, it is also important that Eikenhout's fleet has a clean and attractive appearance. Since customers don't always visit an Eikenhout branch, the first visual impression of the company happens very often on the road, or at the job site. As part of their company image, Eikenhout purposely spec's their trucks with custom paint-jobs, aluminum wheels and good-looking machines. "If someone has never heard of Eikenhout, at least our trucks send a positive message about our company when they're on the road," comments Brooks. It also sends a strong message to their employees and roofing contractors. When Jason arrives at a job site with

his PALFINGER crane, for example, "the contractors are always impressed with how far it can reach when unfolded; someone always stops to take a picture!" Plus, "it's clean-look and power on the job gives a great first impression of our business."

Within a competitive roofing environment, adopting PALFINGER cranes has been a great fit for Eikenhout. Over the next few years, they plan to have at least one crane at each of their seven locations, further diversifying their fleet and adding a competitive edge to their business.

“EVERY JOB SITE PRESENTS A NEW CHALLENGE. THE CONTINUOUS ROTATION SYSTEM IS A HUGE ADVANTAGE BECAUSE I CAN EASILY DELIVER SHINGLES IN TIGHT SPACES, OR WHEN OBSTACLES EXIST, WHILE THE JIB ADDS EXTRA REACH.”

Jason
Crane Operator Eikenhout



LIFETIME EXCELLENCE

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

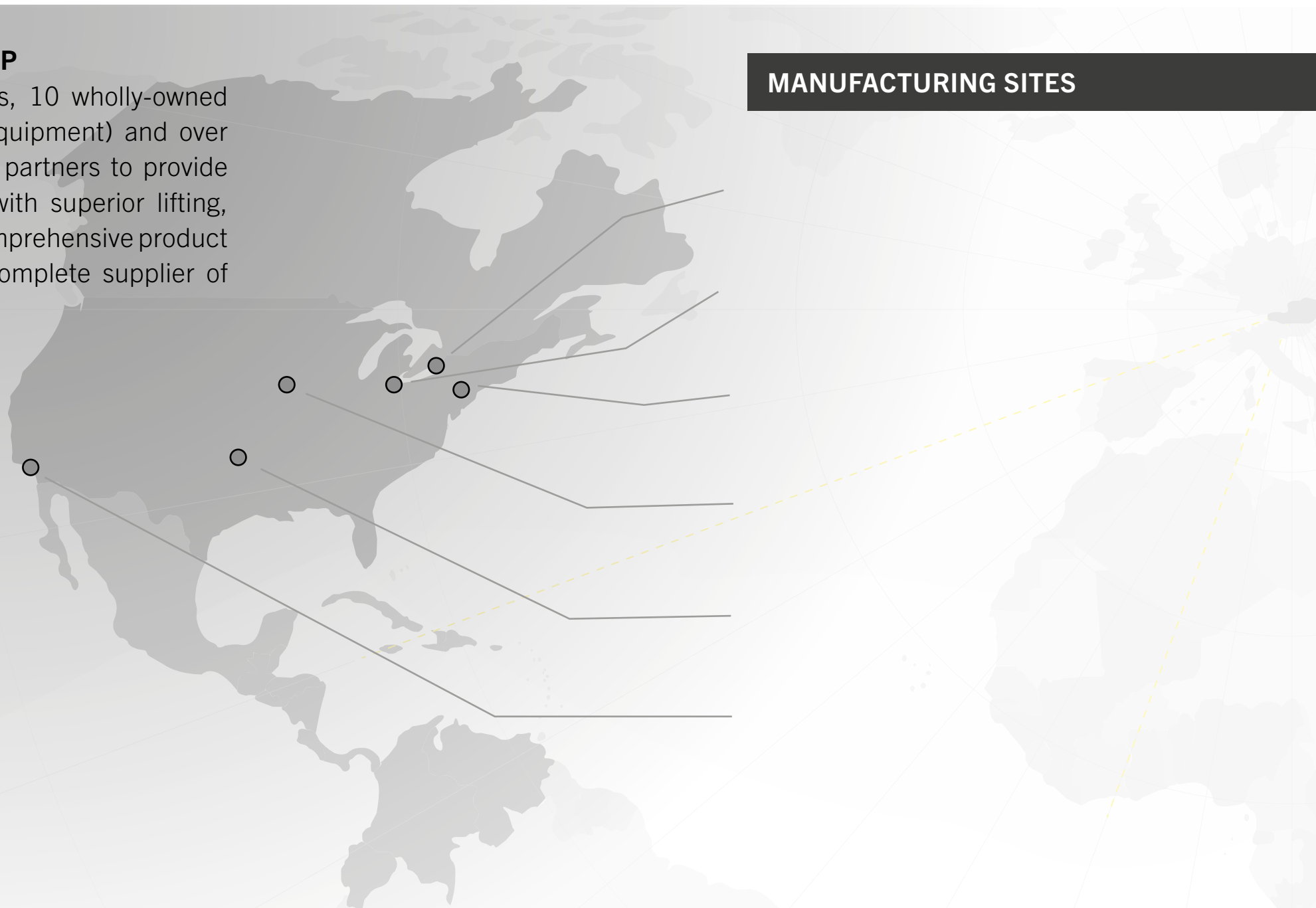
MANUFACTURING

PALFINGER NORTH AMERICA GROUP

consists of 6 manufacturing locations, 10 wholly-owned distribution sites (PALFLEET Truck Equipment) and over 1000 dealers / distributors and sales partners to provide North and Latin American markets with superior lifting, loading and handling solutions. Our comprehensive product portfolio qualifies PALFINGER as a complete supplier of truck-mounted equipment.

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

MANUFACTURING SITES





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

+ TIFFIN, OH

+ TRENTON, NJ

+ COUNCIL BLUFFS, IA

+ OKLAHOMA CITY, OK

+ CERRITOS, CA



PALFINGER NORTH AMERICA TIFFIN, OH

Through the acquisition of Tiffin Loader Crane in 2000, Palfinger North America opened a sales distribution center in Tiffin, OH, to strengthen its presence in the US market. In 2006, an assembly line was established here for PALFINGER truck-mounted forklifts.

Facility highlights include:

- ➔ PALFINGER University
- ➔ Headquarters for PalFleet Truck Equipment



MANUFACTURING

MANUFACTURING SITES

+ NIAGARA FALLS, ON

+ **TIFFIN, OH**

+ TRENTON, NJ

+ COUNCIL BLUFFS, IA

+ OKLAHOMA CITY, OK

+ CERRITOS, CA



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
- ➔ Sales and service operations for PalFleet Trenton



MANUFACTURING

MANUFACTURING SITES

+ NIAGARA FALLS, ON

+ TIFFIN, OH

+ TRENTON, NJ

+ COUNCIL BLUFFS, IA

+ OKLAHOMA CITY, OK

+ CERRITOS, CA



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 80 years, Omaha Standard PALFINGER (OSP) is a leading manufacturer of truck bodies and work truck equipment, including: service bodies, service cranes, PAL Pro Mechanic Trucks, air compressors, pick-up lifts, telescopic / scissor hoists and platforms. OSP offers one of the most comprehensive product portfolios available from one supplier.

Facility highlights include:

- ➔ Environmentally-friendly e-coat paint facility
- ➔ Manufacturing location for PALFINGER Liftgates



MANUFACTURING

MANUFACTURING SITES

+ NIAGARA FALLS, ON

+ TIFFIN, OH

+ TRENTON, NJ

+ COUNCIL BLUFFS, IA

+ OKLAHOMA CITY, OK

+ CERRITOS, CA

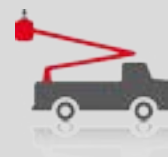


ETI EQUIPMENT TECHNOLOGY, LLC OKLAHOMA CITY, OK

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

+ TIFFIN, OH

+ TRENTON, NJ

+ COUNCIL BLUFFS, IA

+ OKLAHOMA CITY, OK

+ CERRITOS, CA



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

+ TIFFIN, OH

+ TRENTON, NJ

+ COUNCIL BLUFFS, IA

+ OKLAHOMA CITY, OK

+ CERRITOS, CA

PALFINGER

LIFETIME EXCELLENCE

HOME

DELIVERY TYPES

SERVICE

JOB STORY

ABOUT US

PALFINGER
ROOFING



THE PERFECT MATCH FOR DELIVERY OF BUILDING MATERIALS

Not only does PALFINGER offer the right equipment to deliver roofing supplies, but you can also expect to easily deliver a wide range of building supplies including, drywall, lumber, concrete and virtually any material used for construction purposes.

A reliable partner when it comes to material handling jobs.

PALFINGER

LIFETIME EXCELLENCE



ONE PARTNER FOR YOUR NEEDS



BUILDING MATERIALS

PALFINGER - A STRONG PARTNER WITH THE RIGHT EQUIPMENT TO HANDLE DELIVERIES OF ROOFING SUPPLIES AND A VARIETY OF OTHER BUILDING MATERIALS...

→ SHOW MORE

