

Picture #1



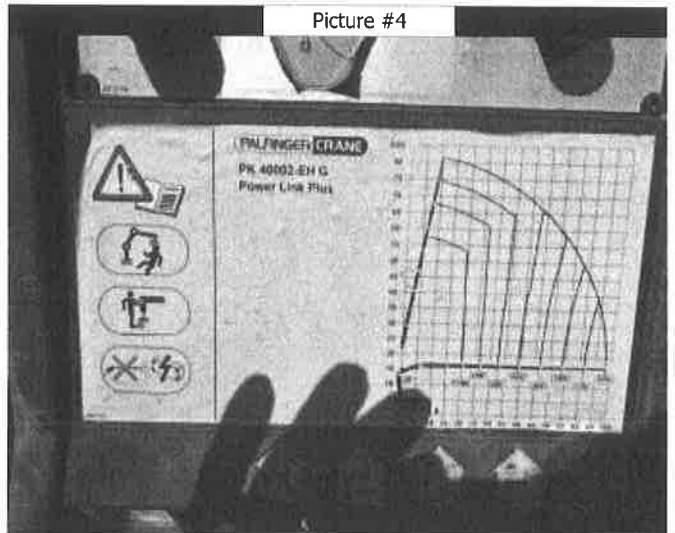
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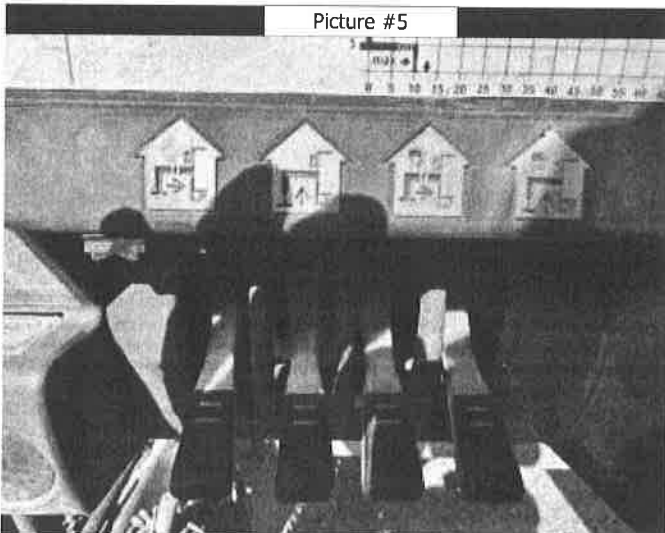
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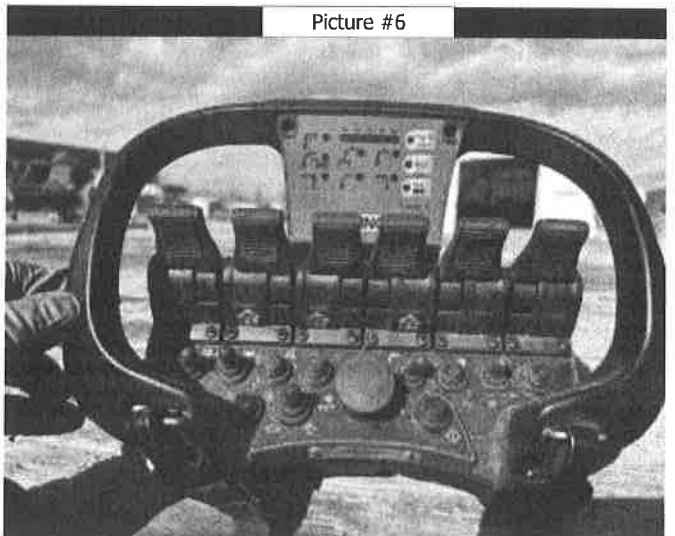
Picture #4



Picture #5



Picture #6



Calibrated Equipment Used Yokes: 4729 Yoke Test Bars: ROB0008

Inspected By: B. Kempert SNT #044 (MPI II LPI II) CGSB #24150 (MPI II) W. Werner HD Equip Tech (K-06-101358)

Post NDT Records

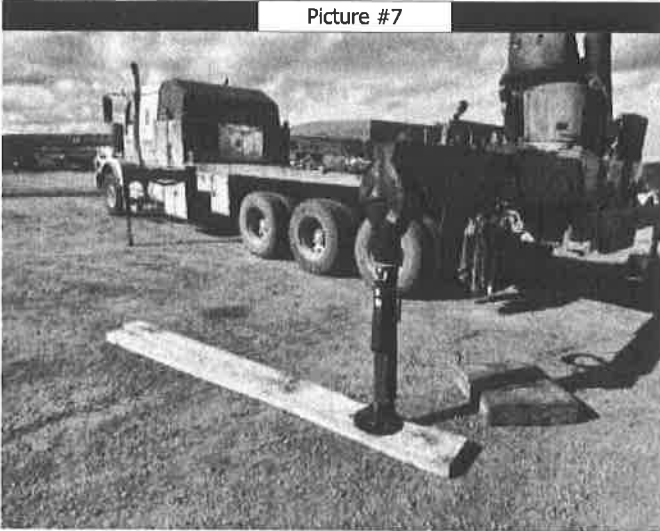
Received by:

Workorder # 215092

Page 2 of 5

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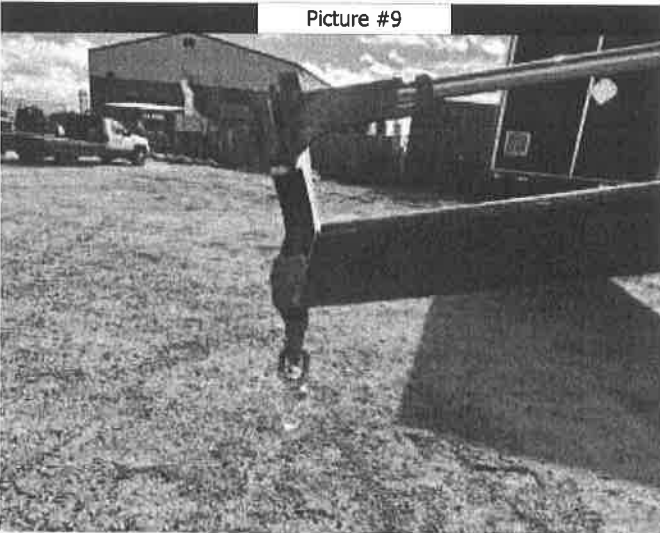
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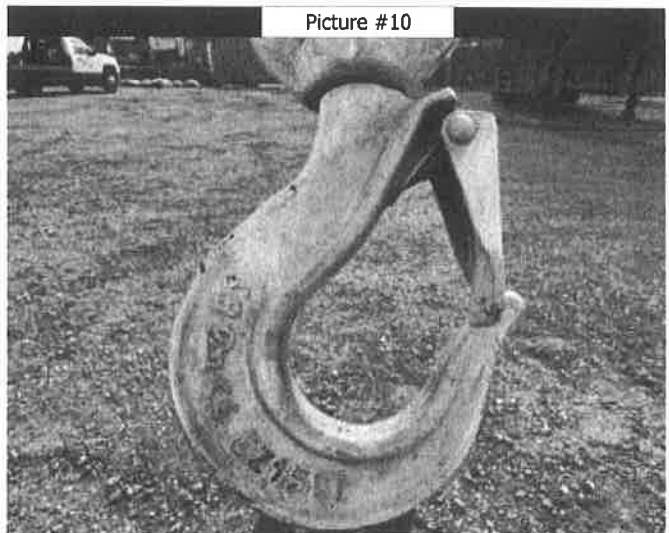
Picture #8



Picture #9



Picture #10



Picture #11



Picture #12



Calibrated Equipment Used Yokes: 4729 Yoke Test Bars: ROB0008

Inspected By: B. Kempert SNT #044 (MPI II LPI II) CGSB #24150 (MPI II) W. Werner HD Equip Tech (K-06-101358)

Boys NLT Records

Received by:

Workorder # 215092

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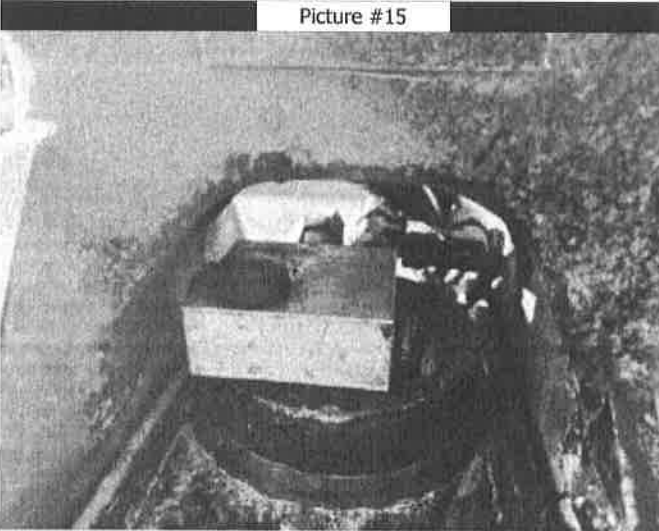
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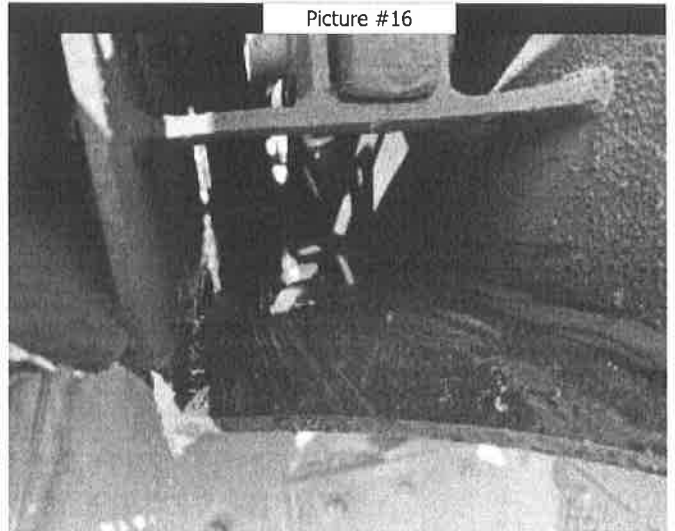
Picture #14



Picture #15



Picture #16



Picture #17



Picture #18



Calibrated Equipment Used Yokes: 4729 Yoke Test Bars: ROB0008

Inspected By: B. Kempert SNT #044 (MPI II LPI II) CGSB #24150 (MPI II) W. Werner HD Equip Tech (K-06-101358)

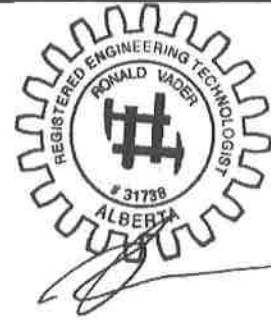
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Workorder # 215092

Page 4 of 5

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Calibrated Equipment Used Yokes: 4729 Yoke Test Bars: ROB0008

Inspected By: B. Kempert SNT #044 (MPI II LPI II) CGSB #24150 (MPI II) W. Werner HD Equip Tech (K-06-101358)

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Workorder # 215092

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FORMAL STRUCTURAL REPORT

ARW Truck Equipment Ltd.

9225-85 Avenue
Clairmont, AB T8X 0S9

Attention: Mr. Shane White

Owner: Great North Equipment Inc.

Structural Inspection of Palfinger Articulating Crane

MODEL: PK40002-EH, **SERIAL:** 100329142, **UNIT:** 25

EQUIPMENT HOURS: 8,883 hours

LOCATION: ARW Yard

DATE OF INSPECTION: July 15, 2024

PURCHASE ORDER: L04702, **WORK ORDER #:** LW05858

OUR FILE: X05928

Visual examinations and magnetic particle inspections were performed on the above-described equipment in accordance with Kova Engineering Inspection Plan (KSIP4-X05928). The specific items examined and our inspection findings were as follows:

1. Outriggers (4x) - no defects noted.
2. Main Frame - no defects noted.
3. Pedestal Turret - no defects noted.
4. Main Boom Section - no defects noted.
5. Articulating Boom Section - no defects noted.
6. First Hydraulic Boom Extension - no defects noted.
7. Second Hydraulic Boom Extension - no defects noted.
8. Third Hydraulic Boom Extension - no defects noted.
9. Fourth Hydraulic Boom Extension - no defects noted.
10. Fifth Hydraulic Boom Extension - no defects noted.
11. Sixth Hydraulic Boom Extension - no defects noted.
12. Seventh Hydraulic Boom Extension - no defects noted.
13. Hydraulic Boom Tip Extension - no defects noted.
14. 8 tonne S.W.L. Swivel Load Hook - no defects noted.

KOVA

THE EQUIPMENT IS JUDGED STRUCTURALLY SUITABLE FOR ITS INTENDED SERVICE.

Yours very truly,

KOVA ENGINEERING LTD.

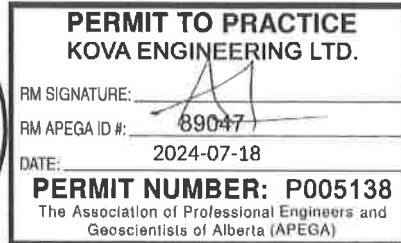
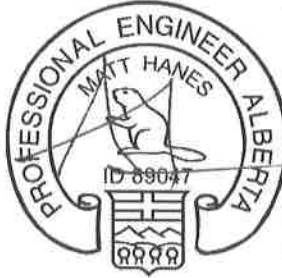
the Crane Certification Bureau™



PN: 1001263

Matt Hanes, P. Eng.

MH:ln



KOVA

CERTIFICATION

Palfinger Articulating Crane

MODEL: PK40002-EH, **SERIAL:** 100329142, **UNIT:** 25

OWNER: Great North Equipment Inc.

OUR FILE: X05928

CERTIFICATION DATE: July 15, 2024

The structural, mechanical and controls inspections were performed on the above-described equipment in reference to Kova Engineering Inspection Plans KMIP4-X05928 and KSIP4-X05928. The items as outlined in the reports were inspected and repaired where required.

Outriggers (4x)

Main Frame

Pedestal Turret

Main Boom Section

Articulating Boom Section

First Hydraulic Boom Extension

Second Hydraulic Boom Extension

Third Hydraulic Boom Extension

Fourth Hydraulic Boom Extension

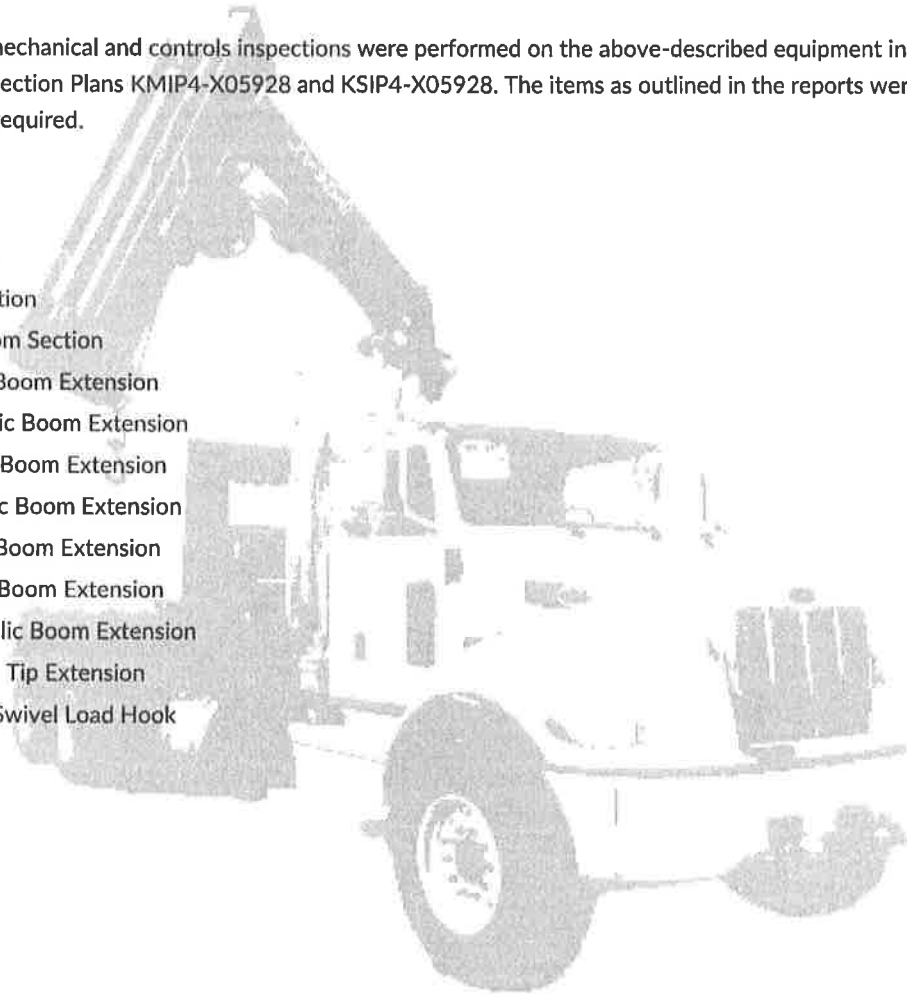
Fifth Hydraulic Boom Extension

Sixth Hydraulic Boom Extension

Seventh Hydraulic Boom Extension

Hydraulic Boom Tip Extension

8 tonne S.W.L. Swivel Load Hook

**KOVA**

This certification is based on the details as set out in the assembled inspection reports and on reasonable assumptions and assessments. The equipment is judged safe for its intended use.

KOVA ENGINEERING LTD.
the Crane Certification Bureau™



PN: 1001263

Matt Hanes, P. Eng.

MH:ln



PERMIT TO PRACTICE KOVA ENGINEERING LTD.	
RM SIGNATURE:	
RM APEGA ID #:	89047
DATE:	2024-07-18
PERMIT NUMBER: P005138 The Association of Professional Engineers and Geoscientists of Alberta (APEGA)	

KOVA



Perfect for huge outreaches

A**Lifting capacities**

max.		14300 kg	31500 lbs
4.1 m	13' 5"	9300 kg	20500 lbs
5.8 m	19' 0"	6700 kg	14700 lbs
7.6 m	24' 11"	5100 kg	11200 lbs

B**Lifting capacities**

max.		13900 kg	30640 lbs
4.1 m	13' 5"	9100 kg	20000 lbs
5.8 m	19' 0"	6400 kg	14100 lbs
7.6 m	24' 11"	4850 kg	10700 lbs
9.5 m	31' 2"	3900 kg	8600 lbs

C**Lifting capacities**

max.		13400 kg	29540 lbs
4.2 m	13' 9"	8700 kg	19300 lbs
5.8 m	19' 0"	6200 kg	13500 lbs
7.6 m	24' 11"	4600 kg	10200 lbs
9.6 m	31' 6"	3650 kg	8000 lbs
11.6 m	38' 1"	3000 kg	6600 lbs

D**Lifting capacities**

max.		12700 kg	27990 lbs
4.3 m	14' 1"	8400 kg	18400 lbs
6.0 m	19' 8"	5900 kg	12900 lbs
7.8 m	25' 7"	4350 kg	9600 lbs
9.7 m	31' 10"	3400 kg	7500 lbs
11.7 m	38' 5"	2750 kg	6100 lbs
13.9 m	45' 7"	2300 kg	5100 lbs

E**Lifting capacities**

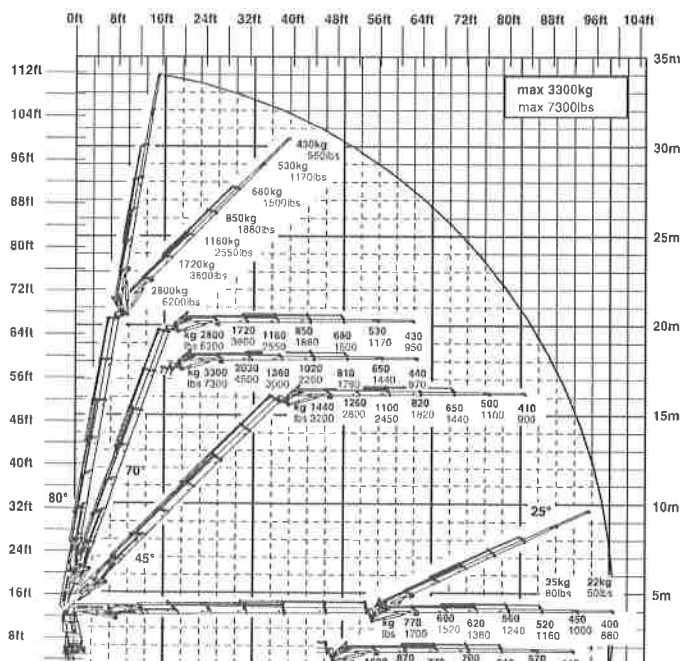
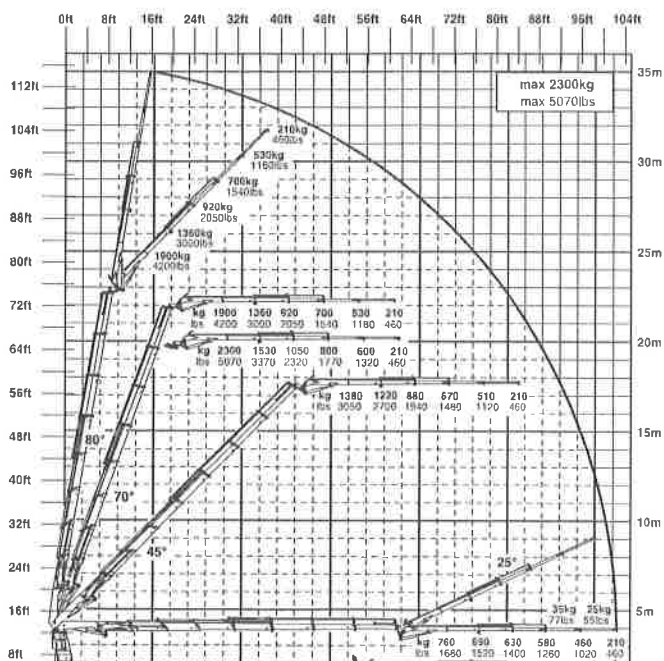
max.		12200 kg	26890 lbs
4.4 m	14' 5"	8000 kg	17700 lbs
6.1 m	20' 0"	5600 kg	12300 lbs
7.9 m	25' 11"	4100 kg	9100 lbs
9.8 m	32' 2"	3150 kg	7000 lbs
11.8 m	38' 9"	2550 kg	5600 lbs
14.0 m	45' 11"	2100 kg	4600 lbs
16.3 m	53' 6"	1780 kg	3950 lbs

F**Lifting capacities**

max.		11700 kg	25790 lbs
4.5 m	14' 9"	7700 kg	17000 lbs
6.2 m	20' 4"	5400 kg	11800 lbs
8.0 m	26' 3"	3900 kg	8600 lbs
9.9 m	32' 6"	3000 kg	6600 lbs
11.9 m	39' 1"	2350 kg	5200 lbs
14.1 m	46' 3"	1900 kg	4200 lbs
16.4 m	53' 10"	1600 kg	3550 lbs
18.6 m	61' 0"	1400 kg	3100 lbs

G**Lifting capacities**

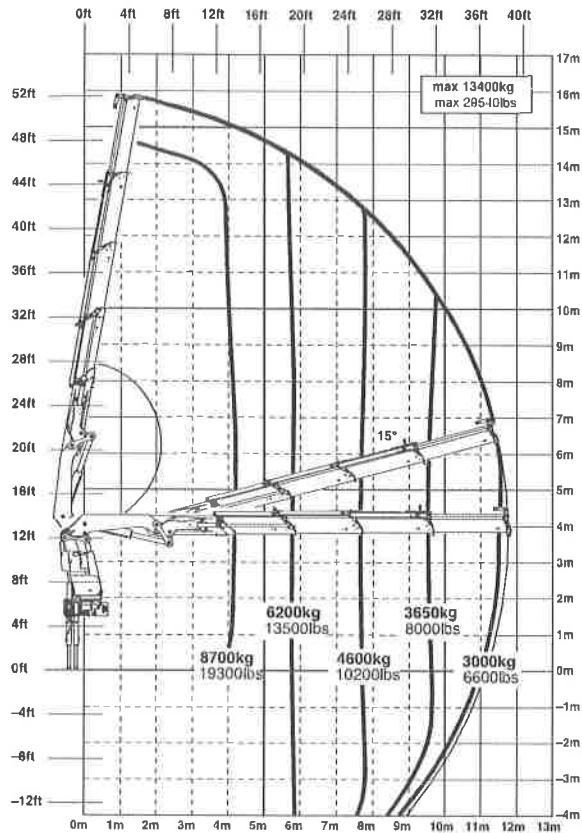
max.		11400 kg	25130 lbs
4.5 m	14' 9"	7600 kg	16700 lbs
6.2 m	20' 4"	5200 kg	11500 lbs
8.0 m	26' 3"	3750 kg	8300 lbs
9.9 m	32' 6"	2800 kg	6200 lbs
12.0 m	39' 4"	2200 kg	4850 lbs
14.2 m	46' 7"	1740 kg	3850 lbs
16.4 m	53' 10"	1440 kg	3200 lbs
18.6 m	61' 0"	1240 kg	2750 lbs
20.8 m	68' 3"	1100 kg	2450 lbs
23.0 m	75' 6"	900 kg	1980 lbs
25.0 m	82' 0"	600 kg	1320 lbs

E PJ080C JV2 DPS PLUS**F PJ060B JV2 DPS PLUS**

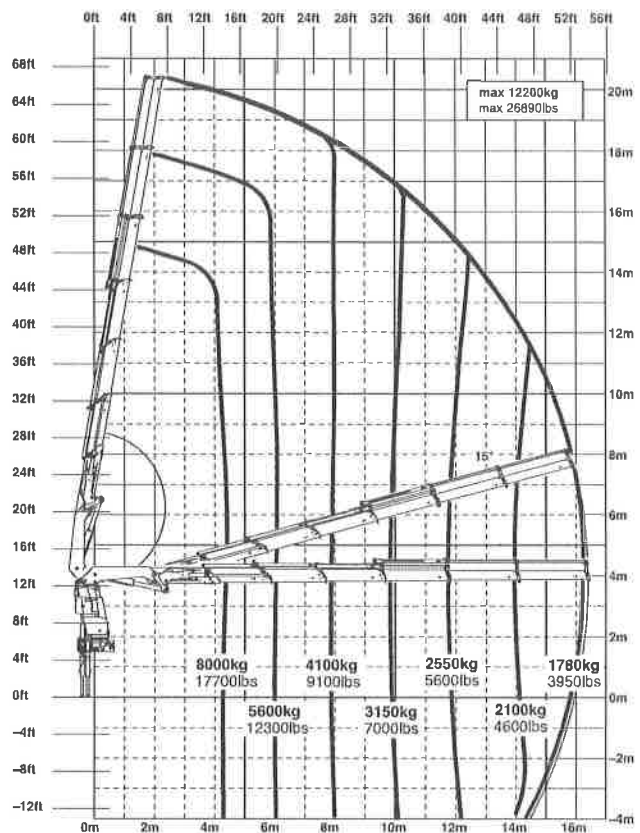


A crane generation under the banner of technology and functional design

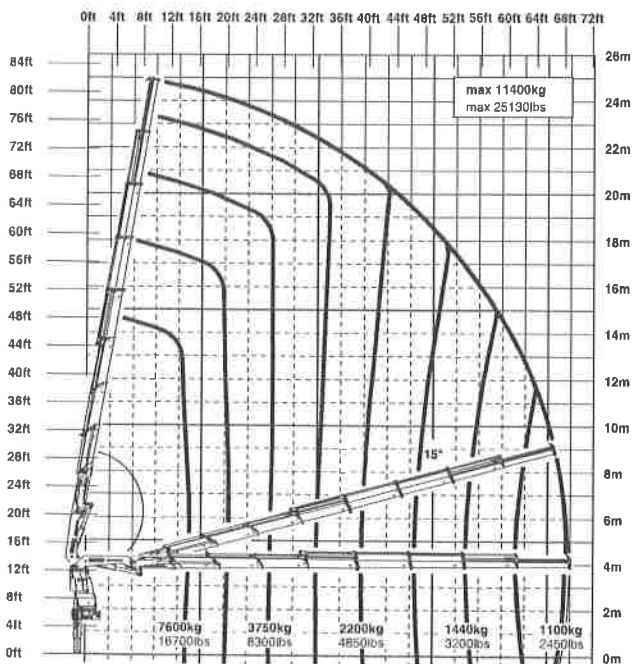
C



E



G



D PJ125E JV1 DPS PLUS

