

PALFINGER

PALFINGER CRANE TECHNOLOGY - OUR LEADING MODELS

North America

LIFETIME EXCELLENCE

**Paltronic
150**

controlled

KTU

protected

AOS

Active Oscillation Suppression

inside

DPS plus

Dual Power System

activated

RRC

Radio Remote Control

operated



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PASSION IS OUR STRENGTH

**EACH DAY BRINGS NEW CHALLENGES.
HOWEVER VARIED AND DIVERSE YOUR DAILY APPLICATIONS
MAY BE - WHETHER WOOD, CONCRETE OR STEEL - THEY ALL
HAVE ONE THING IN COMMON:
A STRONG PARTNER.**

Your obstacles out in the field matter and that's why we put so much passion into our equipment - to make you more successful. Our machines are more than just technology... they are the result of your experiences and our innovations - worldwide. Our products are solutions that we develop *with you*.

From a young age, we have instilled values that shape the relationships we trust today. From friendships, teammates, spouses and business associates, we've learned to carefully select who we can rely on - because without trust, what do we really have?

With PALFINGER, you're in safe hands because we understand that trust is an earned reward. Our relationship doesn't end with a closed sale - PALFINGER goes beyond. You can count on us, the people behind the product, because at the end of the day the most important thing that we build is your business.

We are proud to stand for the best quality on the market and we are even prouder to stand by you.

PALFINGER offers some of the lightest-weight knuckle boom cranes in the industry. With models that cover the entire range of working capacities, you can count on smoother, safer and more efficient crane operations with our Radio Remote Control, KTL protection, superior hydraulics and other features that are unique to PALFINGER. You can depend on us to add a competitive advantage to your business because we are experts in construction, building supplies, roofing, precast concrete, forming, utilities, municipalities and a variety of other industries. Plus, expert installations and service from our nation-wide dealer network gives you dependable after sales support.



PALFINGER ON THE JOB



PALFINGER equipment is designed with your operator in mind, because when you spend most of your time with a machine, it becomes part of you. It's about more than technology - it's about pride and motivation. **Invest in equipment that your operator will love too.**

AFTER SALES SUPPORT

PALSOFT | PALDESK COMPLETE INFORMATION

With our customer-oriented PALSOFT software products, PALFINGER dealers and clients have access to complete information on technical product data, spare parts catalogs, user manuals, assembly guidelines for mounting the crane on trucks, diagrams of hydraulic systems and wiring, data files on machine calibration for each and every product (PALIPEDIA), and tools for calculating axle load and stability as well as for ascertaining dimensions of auxiliary frames (PacWin.NET and PAF - only applicable in certain markets). In addition, our partners also have the diagnostics software PALDIAG at their disposal.

A quick and smooth exchange of data between dealers and PALFINGER is necessary for successful teamwork. PALFINGER Paldesk offers ONLINE-Availability of essential data. In addition to being able to order spare parts directly online, the wealth of information provided by the software PALIPEDIA is another advantage of the system.

SPARE PARTS DELIVERY GENUINE COMPONENTS

Spare parts centers guarantee the smooth delivery of spare parts at reasonable prices, in impeccable quality and in excellent packaging - and all within 24 hours throughout North and Latin America. The North American Spare Parts Centre is located at the PALFINGER plant in Niagara Falls, Canada.

PALFINGER UNIVERSITY QUALIFIED EXPERTS

Our service is provided exclusively by qualified and expert customer service staff, who are kept up-to-date with the current standards, latest technologies and regulations by PALFINGER University. These state-of-the-art training centers lend themselves perfectly for contemporary and practical work sessions.



WARRANTY A COMPREHENSIVE PLAN

- ➔ 12 months full warranty on all cranes including labor at a service workshop
- ➔ 36 months warranty on all structural parts on crane used for hook operation

FEATURES | BENEFITS

PALTRONIC IN CONTROL



The PALTRONIC Overload Protection Systems are state of the art monitoring and control systems designed for PALFINGER cranes. They serve as an electronic overload protection system and control all aspects of crane operation. PALTRONIC can be optionally fitted with the following advanced systems: HPLS, AOS and SHB.

RADIO REMOTE CONTROL

INFORMS THE OPERATOR

The radio control transmitter (handset) is equipped with an LED display showing how much the crane is loaded from 60% to 100% capacity. In an overload situation, it also indicates the function that has caused the overload.

ACTIVE-OSCILLATION SUPPRESSION (AOS) MAXIMUM PRECISION



The PALFINGER AOS system dampens the boom system of the crane, so that the crane remains nearly still even after a sudden stop of the lifting function. The system is especially useful for longer boom versions.

KTL CATAPHORETIC DIP PAINTING

RETAINING HIGH VALUE

Innovative surface coating technology for increased quality and environmental compatibility. Excellent corrosion protection for all components because the coating is elastic, abrasion proof and UV resistant.

DUAL POWER SYSTEM (DPS) UTILIZES FULL CAPACITY



The DPS make it possible to use the full lifting capacity of the fly-jib by using two pressure ranges on the fly-jib. Therefore, cranes with a jib combination can use the full lifting capacity of the fly-jib even at a great outreach, when the extension boom is not completely extended.

HIGH PERFORMANCE STABILITY CONTROL

OFFERS GREATER STABILITY

HPSC is an optional comprehensive stability system that uses fully proportional sensors along with our PALFINGER real data algorithm. This industry leading technology offers crane stability with fully variable stabilizer positioning.

SYNCHRONIZED ROPE CONTROL (SRC)

EASE OF USE

The SRC system maintains a constant distance between the pulley head and the hook block, resulting in ease of use for the operator and improved efficiency of any operation.

ROPE TENSION CONTROL (RTC) REDUCING SET-UP TIME

The new RTC system is an automatic rope tensioning device that helps to fold and unfold the crane. This innovation from PALFINGER significantly shortens the set-up time.

AFTER SALES SUPPORT

LOW MAINTENANCE BOOM EXTENSION SYSTEM EXCEPTIONAL SERVICABILITY

With the low maintenance boom extensions system, PALFINGER HP cranes lead the way in service-friendliness. The use of sliding elements made from special synthetic material, together with the highly dependable KTL painting, means that the operator no longer needs to grease the boom system. Efficient and environmentally friendly!

TILTABLE STABILIZER PLATES REDUCING GROUND PRESSURE

All stabilizers come equipped with a stabilizer plate tiltable to 14° on a ball joint. Allowing the stabilizer plate to adjust for optimal ground contact, the larger plate reduces ground pressure. (For High Performance models)

POWER LINK INCREASED LIFTING POWER

The linkage system is a special connection between the outer boom and the main boom and is used to increase lifting power at awkward angles. The PALFINGER POWER LINK system has not only the linkage on the outer boom, but also between the main boom and the crane column.

POWER LINK PLUS BACKWARDS FOLDING BOOM

POWER LINK PLUS is a backwards folding outer boom first developed by PALFINGER. The outer boom unfolds "backwards" up to 15° above horizontal, with full lifting power.

FLY-JIBS INCREASING APPLICATION RANGE

An additional fly-jib extends the field of activity of a crane, opening up a wider range of new applications. The same crane can be used with or without the fly-jib and is therefore is adaptable for various job applications. The fly-jib can be used with various attachments (grab, rotator) and/or a rope winch. We offer a full fly-jib range for cranes 11 meter-tons and above.

WARNING LIGHTS ON STABILIZERS OPTIMAL VISIBILITY

LED warning lights on the stabilizer rams provide better visibility of the stabilizer ram position. This increases safety for both crane operator and pedestrians. (For High Performance models)

SPIRAL HOSE OPTIMAL PROTECTION

The highly dependable spiral hose, which protects the hydraulic hoses, is now utilized on all cranes 4 meter-tons and above. Expect optimal protection of the hydraulic hoses against damage or dirt. (For HP models).

SHB FOR GREATER SAFETY

The SHB Slewing Limitation system limits the capacity of the crane in unstable areas, like over the vehicle's cab. It still allows the crane to work at full capacity in stable areas.

FEATURES | BENEFITS

CONTINUOUS SLEWING MECHANISM AN UNRESTRICTED RADIUS

The PALFINGER Continuous Slewing Mechanism permits an unrestricted radius of action. The crane is rotated or "slewed" using a gear box and hydraulic motor rather than a rack and pinion system. All continuous slewing mechanisms come as standard with a high quality roller ball bearing.

OIL COOLER LIGHT WEIGHT & COMPACT

PALFINGER oil coolers are offered from 8.5kW to 20.0kW depending on the size of the crane. They are lightweight, compact, and can be mounted directly to the crane base under a protective guard.

INTEGRAL SUBFRAME BASE WEIGHT | HEIGHT SAVINGS

PALFINGER heavy duty cranes have, depending on their performance class as standard or optional feature, a special base that doubles as a section of subframe for the truck. Since the crane can be mounted directly to the truck chassis, the result is huge weight and height savings.

HIGH POWER LIFTING SYSTEM (HPLS) INCREASED CAPACITY

The PALFINGER HPLS increases the capacity of a crane up to 15% with reduced operating speed. This electronic system is controlled by the PALTRONIC safety system.

INTERLOCK SYSTEM MAXIMUM SAFETY

PALFINGER has developed an innovative locking mechanism for manually extended outriggers which meets the latest EN 12999 crane safety standard. The new outrigger lock has a redundancy built in, so that even if the primary locking mechanism fails, the outrigger is still prevented from sliding out during transport.

RETURN OIL UTILIZATION EFFICIENT EXTENSIONS

RETURN OIL UTILIZATION is a regenerative hydraulic circuit for the extension booms. It speeds up the boom extend and retract functions by up to 30%.

CABLE WINCH INCREASED MANEUVERABILITY

The performance of the winch itself influences the efficiency of the crane to a great extent. Our full range of winches offer an ideal possible combination in its corresponding crane class.

HYDRAULIC FLIP-UP STABILIZER LEGS OPTIMIZED INSTALLATIONS

The crane's stabilizer legs can be fully tilted up 180° hydraulically. Stabilizer support of the crane is possible despite obstacles. Guard rails, walls or fences can be overcome.

PC 1500 CLASS: COMPACT



TECHNICAL SPECIFICATIONS

Max. Lifting Moment	10,020 ft. lbs
Max. Hydraulic Reach	10' 2"
Max. Manual Reach	13' 9"
Max. Hydraulic Reach w/ Jib	N/A
Rotation Angle	325°
Stabilizer Spread Standard	N/A
Basic Model Weight	360 lbs

LIFTING CAPACITIES

Max	2,200 lbs
3' 11"	2,200 lbs
6' 11"	1,400 lbs
10' 2"	970 lbs
13' 9"	710 lbs

LIFTING MOMENT (MT²)

A
1.4

PC 2700 CLASS: COMPACT



TECHNICAL SPECIFICATIONS

Max. Lifting Moment	19,010 ft. lbs
Max. Hydraulic Reach	16' 5"
Max. Manual Reach	19' 8"
Max. Hydraulic Reach w/ Jib	N/A
Rotation Angle	325°
Stabilizer Spread Standard	N/A
Basic Model Weight	460 lbs

LIFTING CAPACITIES

Max	4,400 lbs
4' 7"	3,950 lbs
8' 6"	2,150 lbs
12' 2"	1,520 lbs
16' 5"	1,100 lbs
19' 8"	890 lbs

LIFTING MOMENT (MT²)

A B
2.6 2.5



PC 3800 CLASS: COMPACT



TECHNICAL SPECIFICATIONS

Max. Lifting Moment	26,930 ft. lbs
Max. Hydraulic Reach	16' 5"
Max. Manual Reach	23' 4"
Max. Hydraulic Reach w/ Jib	N/A
Rotation Angle	325°
Stabilizer Spread Standard	N/A
Basic Model Weight	520 lbs

LIFTING CAPACITIES

Max	4,400 lbs
4' 7"	4,400 lbs
8' 6"	3,100 lbs
12' 2"	2,150 lbs
16' 5"	1,600 lbs
19' 8"	1,280 lbs
23' 4"	620 lbs

LIFTING MOMENT (MT²)

A	B
3.7	3.6

PK 3400 CLASS: COMPACT



TECHNICAL SPECIFICATIONS

Max. Lifting Moment	22,430 ft. lbs.
Max. Hydraulic Reach	32' 2"
Max. Manual Reach	32' 2"
Max. Hydraulic Reach w/ Jib	N/A
Rotation Angle	370°
Stabilizer Spread Standard	9' 6"
Basic Model Weight	990 lbs.

LIFTING CAPACITIES

10'	1,995 lbs
20'	1,000 lbs
30'	425 lbs

LIFTING MOMENT (MT²)

STD	A	B	C
3.1	3.0	2.8	2.9



PK 4200 CLASS: PERFORMANCE



TECHNICAL SPECIFICATIONS

Max. Lifting Moment	28,220 ft. lbs
Max. Hydraulic Reach	32' 2"
Max. Manual Reach	32' 2"
Max. Hydraulic Reach w/ Jib	N/A
Rotation Angle	370°
Stabilizer Spread Standard	9' 6"
Basic Model Weight	1,080 lbs

LIFTING CAPACITIES

10'	1,995 lbs
20'	1,325 lbs
30'	725 lbs

LIFTING MOMENT (MT**)

STD	A	B	C
3.9	3.7	3.6	3.5

PK 5.00I SLD I PK 5.00I SLD 3 CLASS: SOLID



TECHNICAL SPECIFICATIONS

Max. Lifting Moment	33,190 ft. lbs
Max. Hydraulic Reach	36' 5"
Max. Manual Reach	42' 0"
Max. Hydraulic Reach w/ Jib	N/A
Rotation Angle	400°
Stabilizer Spread Standard	14' 3"
Basic Model Weight	1,530 lbs

LIFTING CAPACITIES

10'	3,230 lbs
20'	1,565 lbs
30'	860 lbs
40'	505 lbs

LIFTING MOMENT (MT**)

STD	A	B	C
4.6	4.4	4.3	4.1



PK 7.00I SLD I
PK 7.00I SLD 3
CLASS: SOLID



TECHNICAL SPECIFICATIONS

Max. Lifting Moment	44,500 ft. lbs
Max. Hydraulic Reach	36' 9"
Max. Manual Reach	42' 0"
Max. Hydraulic Reach w/ Jib	N/A
Rotation Angle	400°
Stabilizer Spread Standard	14' 3"
Basic Model Weight	1,650 lbs

LIFTING CAPACITIES

10'	4,430 lbs
20'	2,140 lbs
30'	1,275 lbs
40'	510 lbs

LIFTING MOMENT (MT)**

STD	A	B	C
6.2	6.0	5.8	5.6

PK 8.50I SLD I
PK 8.50I SLD 3
CLASS: SOLID



TECHNICAL SPECIFICATIONS

Max. Lifting Moment	58,710 ft. lbs
Max. Hydraulic Reach	38' 9"
Max. Manual Reach	52' 6"
Max. Hydraulic Reach w/ Jib	N/A
Rotation Angle	400°
Stabilizer Spread Standard	16' 0"
Basic Model Weight	2,320 lbs

LIFTING CAPACITIES

10'	5,730 lbs
20'	2,815 lbs
30'	1,675 lbs
40'	910 lbs
50'	700 lbs

LIFTING MOMENT (MT)**

STD	A	B	C
8.1	7.9	7.6	7.4

PK 850I CM CLASS: HIGH PERFORMANCE



TECHNICAL SPECIFICATIONS

Max. Lifting Moment	60,180 ft. lbs
Max. Hydraulic Reach	32' 6"
Max. Manual Reach	N/A
Rotation Angle	390°
Stabilizer Spread Standard	13' 0"
Basic Model Weight	2,425 lbs

LIFTING CAPACITIES

10'	5,100 lbs
20'	3,075 lbs
30'	1,395 lbs
40'	N/A
50'	N/A

LIFTING MOMENT (MT**)

STD	A	B
8.3	8.1	7.8

PK 9.50I SLD 5 CLASS: SOLID



TECHNICAL SPECIFICATIONS

Max. Lifting Moment	65,050 ft. lbs
Max. Hydraulic Reach	38' 9"
Max. Manual Reach	52' 6"
Max. Hydraulic Reach w/ Jib	N/A
Rotation Angle	400°
Stabilizer Spread Standard	16' 0"
Basic Model Weight	2,380 lbs

LIFTING CAPACITIES

10'	6,470 lbs
20'	3,080 lbs
30'	1,875 lbs
40'	1,060 lbs
50'	680 lbs

LIFTING MOMENT (MT**)

STD	A	B	C
9.0	8.7	8.5	8.2



PK II.00I SLD I
PK II.00I SLD 3
CLASS: SOLID



TECHNICAL SPECIFICATIONS

Max. Lifting Moment	74,780 ft. lbs
Max. Hydraulic Reach	39' 6"
Max. Manual Reach	53'
Max. Hydraulic Reach w/ Jib	N/A
Rotation Angle	400°
Stabilizer Spread Standard	16' 0"
Basic Model Weight	2,510 lbs

LIFTING CAPACITIES

10'	7,400 lbs
20'	3,520 lbs
30'	2,145 lbs
40'	1,265 lbs
50'	820 lbs

LIFTING MOMENT (MT)**

STD	A	B	C
10.3	10.0	9.6	9.3

PK II00I CM
CLASS: HIGH PERFORMANCE



TECHNICAL SPECIFICATIONS

Max. Lifting Moment	74,550 ft. lbs
Max. Hydraulic Reach	33' 6"
Max. Manual Reach	N/A
Max. Hydraulic Reach w/ Jib	N/A
Rotation Angle	390°
Stabilizer Spread Standard	13' 0"
Basic Model Weight	2,770 lbs

LIFTING CAPACITIES

10'	7,500 lbs
20'	3,570 lbs
30'	2,150 lbs

LIFTING MOMENT (MT)**

A	B
10.3	9.9



PK 12.501 SLD 5 CLASS: SOLID



TECHNICAL SPECIFICATIONS

Max. Lifting Moment	82,160 ft. lbs
Max. Hydraulic Reach	39' 6"
Max. Manual Reach	53' 0"
Max. Hydraulic Reach w/ Jib	N/A
Rotation Angle	400°
Stabilizer Spread Standard	16' 0"
Basic Model Weight	2,580 lbs

LIFTING CAPACITIES

10'	8,120 lbs
20'	3,895 lbs
30'	2,405 lbs
40'	1,420 lbs
50'	840 lbs

LIFTING MOMENT (MT**)

STD	A	B	C
11.4	11.0	10.6	10.4

PK 13002 CLASS: HIGH PERFORMANCE



TECHNICAL SPECIFICATIONS

Max. Lifting Moment	86,780 ft. lbs
Max. Hydraulic Reach	55' 9"
Max. Manual Reach	62' 4"
Max. Hydraulic Reach w/ Jib	N/A
Rotation Angle	420°
Stabilizer Spread Standard	16' 5"
Basic Model Weight	3,890 lbs

LIFTING CAPACITIES

10'	8,050 lbs
20'	4,130 lbs
30'	2,500 lbs
40'	1,625 lbs
50'	1,000 lbs
60'	750 lbs

LIFTING MOMENT (MT**)

A	B	C	D	E
11.5	10.6	9.5	8.2	6.7



PK 13.50I SLD I
PK 13.50I SLD 3
CLASS: SOLID



TECHNICAL SPECIFICATIONS

Max. Lifting Moment	94,960 ft. lbs
Max. Hydraulic Reach	48' 7"
Max. Manual Reach	62' 4"
Max. Hydraulic Reach w/ Jib	N/A
Rotation Angle	420°
Stabilizer Spread Standard	21' 8"
Basic Model Weight	3,330 lbs

LIFTING CAPACITIES

10'	9,200 lbs
20'	4,800 lbs
30'	2,700 lbs
40'	1,600 lbs
50'	1,320 lbs
60'	880 lbs

LIFTING MOMENT (MT)**

STD	A	B	C	D
13.1	12.7	12.3	12.0	11.7

PK 14002-EH
CLASS: HIGH PERFORMANCE



TECHNICAL SPECIFICATIONS

Max. Lifting Moment	95,590 ft. lbs
Max. Hydraulic Reach	55' 9"
Max. Manual Reach	62' 4"
Max. Hydraulic Reach w/ Jib	N/A
Rotation Angle	420°
Stabilizer Spread Standard	16' 5"
Basic Model Weight	3,940 lbs

LIFTING CAPACITIES

10'	9,150 lbs
20'	4,600 lbs
30'	2,825 lbs
40'	1,200 lbs
50'	750 lbs

LIFTING MOMENT (MT)**

A	B	C	D	E
12.9	12.0	10.8	9.5	8.1



PK 14.50I SLD 5 CLASS: SOLID



TECHNICAL SPECIFICATIONS

Max. Lifting Moment	104,990 ft. lbs
Max. Hydraulic Reach	48' 7"
Max. Manual Reach	62' 4"
Max. Hydraulic Reach w/ Jib	N/A
Rotation Angle	420°
Stabilizer Spread Standard	21' 8"
Basic Model Weight	3,390 lbs

LIFTING CAPACITIES

10'	10,250 lbs
20'	5,000 lbs
30'	2,975 lbs
40'	1,775 lbs
50'	1,320 lbs
60'	880 lbs

LIFTING MOMENT (MT**)

STD	A	B	C	D
14.5	14.1	13.7	13.4	13.1

PK 16002 CLASS: HIGH PERFORMANCE



TECHNICAL SPECIFICATIONS

Max. Lifting Moment	111,330 ft. lbs
Max. Hydraulic Reach	55' 9"
Max. Manual Reach	62' 4"
Max. Hydraulic Reach w/ Jib	N/A
Rotation Angle (°)	420°
Stabilizer Spread Standard	16' 5"
Basic Model Weight	4,120 lbs

LIFTING CAPACITIES

10'	10,600 lbs
20'	5,350 lbs
30'	3,325 lbs
40'	2,225 lbs
50'	1,425 lbs
60'	1,100 lbs

LIFTING MOMENT (MT**)

A	B	C	D	E
14.8	14.0	12.8	11.4	9.7



PK 17.00I SLD I
PK 17.00I SLD 3
CLASS: SOLID



TECHNICAL SPECIFICATIONS

Max. Lifting Moment	121,250 ft. lbs
Max. Hydraulic Reach	48' 7"
Max. Manual Reach	62' 4"
Max. Hydraulic Reach w/ Jib	N/A
Rotation Angle	420°
Stabilizer Spread Standard	21' 8"
Basic Model Weight	3,675 lbs

LIFTING CAPACITIES

10'	11,900 lbs
20'	6,200 lbs
30'	3,575 lbs
40'	2,450 lbs
50'	1,880 lbs
60'	1220 lbs

LIFTING MOMENT (MT)**

STD	A	B	C	D
16.8	16.3	15.9	15.6	15.3

PK 18002-EH
CLASS: HIGH PERFORMANCE



TECHNICAL SPECIFICATIONS

Max. Lifting Moment	123,870 ft. lbs
Max. Hydraulic Reach	55' 9"
Max. Manual Reach	62' 4"
Max. Hydraulic Reach w/ Jib	82' 4"
Rotation Angle	420°
Stabilizer Spread Standard	16' 5"
Basic Model Weight	4,170 lbs

LIFTING CAPACITIES

10'	11,700 lbs
20'	5,950 lbs
30'	3,725 lbs
40'	2,550 lbs
50'	1,675 lbs
60'	1,280 lbs

LIFTING MOMENT (MT)**

A	B	C	D	E
16.5	15.7	14.5	13.1	11.5



PK 18500 CLASS: PERFORMANCE



TECHNICAL SPECIFICATIONS

Max. Lifting Moment	132,710 ft. lbs
Max. Hydraulic Reach	47' 11"
Max. Manual Reach	61' 8"
Max. Hydraulic Reach w/ Jib	82' 4"
Rotation Angle	400°
Stabilizer Spread Standard	15' 9"
Basic Model Weight	4,670 lbs

LIFTING CAPACITIES

10'	13,450 lbs
20'	6,350 lbs
30'	3,960 lbs
40'	2,420 lbs
50'	1,980 lbs
60'	1,080 lbs
70'	625 lbs

LIFTING MOMENT (MT**)

A	B	C	D
17.9	17.4	17.0	16.6

PK 19.001 SLD 5 CLASS: SOLID



TECHNICAL SPECIFICATIONS

Max. Lifting Moment	133,780 ft. lbs
Max. Hydraulic Reach	48' 7"
Max. Manual Reach	62' 4"
Max. Hydraulic Reach w/ Jib	N/A
Rotation Angle	420°
Stabilizer Spread Standard	21' 8"
Basic Model Weight	3,750 lbs

LIFTING CAPACITIES

10'	13,090 lbs
20'	6,500 lbs
30'	3,935 lbs
40'	2,700 lbs
50'	1,880 lbs
60'	1,220 lbs

LIFTING MOMENT (MT**)

STD	A	B	C	D
18.5	18.1	17.7	17.3	17.0



PK 19502 CLASS: HIGH PERFORMANCE



TECHNICAL SPECIFICATIONS

Max. Lifting Moment	135,700 ft. lbs
Max. Hydraulic Reach	56' 1"
Max. Manual Reach	62' 8"
Max. Hydraulic Reach w/ Jib	N/A
Rotation Angle	400°
Stabilizer Spread Standard	18' 7"
Basic Model Weight	5,270 lbs

LIFTING CAPACITIES

10'	12,900 lbs
20'	6,550 lbs
30'	4,050 lbs
40'	2,625 lbs
50'	1,825 lbs
60'	1,300 lbs

LIFTING MOMENT (MT**)

A	B	C	D	E
18.2	17.7	17.3	17.0	16.6

PK 22002-EH CLASS: HIGH PERFORMANCE



TECHNICAL SPECIFICATIONS

Max. Lifting Moment	151,190 ft. lbs
Max. Hydraulic Reach	56' 1"
Max. Manual Reach	62' 8"
Max. Hydraulic Reach w/ Jib	82' 8"
Rotation Angle	400°
Stabilizer Spread Standard	18' 7"
Basic Model Weight	5,270 lbs

LIFTING CAPACITIES

10'	13,500 lbs
20'	7,300 lbs
30'	4,900 lbs
40'	3,150 lbs
50'	1,850 lbs
60'	1,365 lbs

LIFTING MOMENT (MT**)

A	B	C	D	E
20.2	19.7	19.4	19.0	18.7



PK 23500 CLASS: PERFORMANCE



TECHNICAL SPECIFICATIONS

Max. Lifting Moment	166,630 ft. lbs
Max. Hydraulic Reach	54' 9"
Max. Manual Reach	61' 8"
Max. Hydraulic Reach w/ Jib	80' 10"
Rotation Angle	400°
Stabilizer Spread Standard	18' 6"
Basic Model Weight	5,170 lbs

LIFTING CAPACITIES

10'	13,450 lbs
20'	8,050 lbs
30'	4,970 lbs
40'	3,200 lbs
50'	2,290 lbs
60'	1,380 lbs

LIFTING MOMENT (MT**)

A	B	C	D	E
22.4	21.9	21.5	21.0	20.7

PK 23502 CLASS: HIGH PERFORMANCE



TECHNICAL SPECIFICATIONS

Max. Lifting Moment	162,030 ft. lbs
Max. Hydraulic Reach	69' 11"
Max. Manual Reach	75' 5"
Max. Hydraulic Reach w/ Jib	N/A
Rotation Angle	400°
Stabilizer Spread Standard	18' 6"
Basic Model Weight	5,694 lbs

LIFTING CAPACITIES

10'	15,500 lbs
20'	7,850 lbs
30'	4,900 lbs
40'	3,325 lbs
50'	2,125 lbs
60'	1,500 lbs
70'	1,150 lbs

LIFTING MOMENT (MT**)

A	B	C	D	E	F	G
21.7	21.2	20.7	20.1	19.7	19.3	18.9



PK 26002-EH CLASS: HIGH PERFORMANCE



TECHNICAL SPECIFICATIONS

Max. Lifting Moment	179,950 ft. lbs
Max. Hydraulic Reach	69' 11"
Max. Manual Reach	76' 5"
Max. Hydraulic Reach w/ Jib	115' 6"
Rotation Angle	400°
Stabilizer Spread Standard	18' 6"
Basic Model Weight	5,694 lbs

LIFTING CAPACITIES

10'	17,250 lbs
20'	8,600 lbs
30'	5,500 lbs
40'	3,775 lbs
50'	2,500 lbs
60'	1,800 lbs
70'	1,455 lbs

LIFTING MOMENT (MT²)

A	B	C	D	E	F	G
24.2	23.6	23.1	22.6	22.1	21.7	21.4

PK 30002 CLASS: HIGH PERFORMANCE



TECHNICAL SPECIFICATIONS

Max. Lifting Moment	202,810 ft. lbs
Max. Hydraulic Reach	69' 11"
Max. Manual Reach	76' 5"
Max. Hydraulic Reach w/ Jib	N/A
Rotation Angle	400°
Stabilizer Spread Standard	21' 8"
Basic Model Weight	6,340 lbs

LIFTING CAPACITIES

10'	19,250 lbs
20'	9,800 lbs
30'	6,200 lbs
40'	4,225 lbs
50'	2,850 lbs
60'	2,100 lbs
70'	1,500 lbs

LIFTING MOMENT (MT²)

A	B	C	D	E	F	G
27.1	26.6	25.9	25.4	24.9	24.5	24.2



PK 32080



TECHNICAL SPECIFICATIONS

Max. Lifting Moment	220,637 ft. lbs
Max. Hydraulic Reach	46' 11"
Max. Manual Reach	68' 10"
Max. Hydraulic Reach w/ Jib	81' 1"
Rotation Angle	400°
Stabilizer Spread Standard	19' 8"
Basic Model Weight	6,900 lbs

LIFTING CAPACITIES

10'	18,740lbs
20'	10,930 lbs
30'	6,940 lbs
40'	4,410 lbs
50'	2,860 lbs
60'	1,980 lbs
70'	1,300 lbs
80'	680 lbs

LIFTING MOMENT (MT**)

A	B	C	D
30.2	29.6	29.0	28.5

PK 33002-EH CLASS: HIGH PERFORMANCE



TECHNICAL SPECIFICATIONS

Max. Lifting Moment	224,940 ft. lbs
Max. Hydraulic Reach	69' 11"
Max. Manual Reach	75' 6"
Max. Hydraulic Reach w/ Jib	96' 5"
Rotation Angle	400°
Stabilizer Spread Standard	21' 8"
Basic Model Weight	6,340 lbs

LIFTING CAPACITIES

10'	21,400 lbs
20'	10,850 lbs
30'	6,975 lbs
40'	4,800 lbs
50'	3,325 lbs
60'	2,475 lbs
70'	1,750 lbs

LIFTING MOMENT (MT**)

A	B	C	D	E	F	G
30.1	29.6	28.9	28.4	27.9	27.6	27.2



PK 34002-SH CLASS: HIGH PERFORMANCE



TECHNICAL SPECIFICATIONS

Max. Lifting Moment	235,926 ft. lbs
Max. Hydraulic Reach	69' 11"
Max. Manual Reach	76' 5"
Max. Hydraulic Reach w/ Jib	96' 5"
Rotation Angle	Continuous
Stabilizer Spread Standard	21' 8"
Basic Model Weight	6,460 lbs

LIFTING CAPACITIES

10'	22,000 lbs
20'	11,500 lbs
30'	7,350 lbs
40'	5,050 lbs
50'	3,550 lbs
60'	2,675 lbs
70'	2,000 lbs

LIFTING MOMENT (MT**)

A	B	C	D	E	F	G
31.6	31.0	30.4	29.9	29.4	29.1	28.7

PK 37002 CLASS: HIGH PERFORMANCE



TECHNICAL SPECIFICATIONS

Max. Lifting Moment	258,500 ft. lbs
Max. Hydraulic Reach	68' 11"
Max. Manual Reach	82' 8"
Max. Hydraulic Reach w/ Jib	102' 4"
Rotation Angle	Continuous
Stabilizer Spread Standard	24' 3"
Basic Model Weight	8,490 lbs

LIFTING CAPACITIES

10'	24,200 lbs
20'	12,750 lbs
30'	8,150 lbs
40'	5,425 lbs
50'	3,900 lbs
60'	2,875 lbs
70'	1,800 lbs
80'	1,200 lbs

LIFTING MOMENT (MT**)

A	B	C	D	E	F	G
34.4	33.8	32.6	31.9	31.4	30.8	30.3



PK 4002-EH CLASS: HIGH PERFORMANCE



TECHNICAL SPECIFICATIONS

Max. Lifting Moment	284,330 ft. lbs
Max. Hydraulic Reach	68' 11"
Max. Manual Reach	82' 8"
Max. Hydraulic Reach w/ Jib	102' 4"
Rotation Angle	Continuous
Stabilizer Spread Standard	24' 3"
Basic Model Weight	8,490 lbs

LIFTING CAPACITIES

10'	26,600 lbs
20'	14,000 lbs
30'	8,950 lbs
40'	5,890 lbs
50'	4,300 lbs
60'	3,150 lbs
70'	1,980 lbs
80'	1,320 lbs

LIFTING MOMENT (MT**)

A	B	C	D	E	F	G
38.5	37.2	36.5	35.9	35.4	34.8	34.3

PK 46002 CLASS: HIGH PERFORMANCE



TECHNICAL SPECIFICATIONS

Max. Lifting Moment	316,000 ft. lbs
Max. Hydraulic Reach	68' 11"
Max. Manual Reach	82' 8"
Max. Hydraulic Reach w/ Jib	106' 8"
Rotation Angle	Continuous
Stabilizer Spread Standard	25' 7"
Basic Model Weight	9,140 lbs

LIFTING CAPACITIES

10'	28,875 lbs
20'	15,500 lbs
30'	10,000 lbs
40'	6,825 lbs
50'	5,000 lbs
60'	3,725 lbs
70'	1,800 lbs
80'	1,200 lbs

LIFTING MOMENT (MT**)

A	B	C	D	E	F	G
42.3	41.0	40.2	39.5	38.9	38.3	37.8



PK 5002-EH CLASS: HIGH PERFORMANCE



TECHNICAL SPECIFICATIONS

Max. Lifting Moment	347,320 ft. lbs
Max. Hydraulic Reach	68' 11"
Max. Manual Reach	82' 8"
Max. Hydraulic Reach w/ Jib	106' 8"
Rotation Angle	Continuous
Stabilizer Spread Standard	25' 7"
Basic Model Weight	9,140 lbs

LIFTING CAPACITIES

10'	31,750 lbs
20'	17,100 lbs
30'	11,000 lbs
40'	7,500 lbs
50'	5,500 lbs
60'	4,100 lbs
70'	1,980 lbs
80'	1,320 lbs

LIFTING MOMENT (MT**)

A	B	C	D	E	F	G
47.2	45.7	44.9	44.3	43.7	43.2	42.6

PK 63002-EH CLASS: HIGH PERFORMANCE



TECHNICAL SPECIFICATIONS

Max. Lifting Moment	429,740 ft. lbs
Max. Hydraulic Reach	66' 11"
Max. Manual Reach	82' 4"
Max. Hydraulic Reach w/ Jib	101' 1"
Rotation Angle	Continuous
Stabilizer Spread Standard	28' 3"
Basic Model Weight	11,111 lbs

LIFTING CAPACITIES

10'	39,000 lbs
20'	21,150 lbs
30'	13,500 lbs
40'	9,150 lbs
50'	6,700 lbs
60'	5,020 lbs
70'	3,000 lbs
80'	2,400 lbs

LIFTING MOMENT (MT**)

A	B	C	D	E	F	G
58.2	56.2	55.4	54.5	53.6	53.0	52.6



PK 65002-5H CLASS: HIGH PERFORMANCE



TECHNICAL SPECIFICATIONS

Max. Lifting Moment	448,400 ft. lbs
Max. Hydraulic Reach	66' 11"
Max. Manual Reach	82' 4"
Max. Hydraulic Reach w/ Jib	101' 1"
Rotation Angle	Continuous
Stabilizer Spread Standard	28' 2"
Basic Model Weight	11,111 lbs

LIFTING CAPACITIES

10'	40,500 lbs
20'	22,000 lbs
30'	14,200 lbs
40'	9,600 lbs
50'	7,050 lbs
60'	5,275 lbs
70'	3,400 lbs
80'	2,550 lbs
90'	1,975 lbs

LIFTING MOMENT (MT**)

A	B	C	D	E	F	G
60.9	58.8	57.9	57.1	56.1	55.5	55.1

PK 76002-EH CLASS: HIGH PERFORMANCE



TECHNICAL SPECIFICATIONS

Max. Lifting Moment	518,020 ft. lbs
Max. Hydraulic Reach	66' 11"
Max. Manual Reach	82' 4"
Max. Hydraulic Reach w/ Jib	101' 1"
Rotation Angle	Continuous
Stabilizer Spread Standard	28' 3"
Basic Model Weight	13,029 lbs

LIFTING CAPACITIES

10'	46,000 lbs
20'	25,400 lbs
30'	16,500 lbs
40'	11,250 lbs
50'	8,500 lbs
60'	6,420 lbs
70'	4,425 lbs
80'	2,450 lbs
90'	1,915 lbs
100'	1,475 lbs

LIFTING MOMENT (MT**)

A	B	C	D	E	F	G
70.7	68.8	67.2	66.3	65.6	65.0	64.5



PK 78002-SH CLASS: HIGH PERFORMANCE



TECHNICAL SPECIFICATIONS

Max. Lifting Moment	540,290 ft. lbs
Max. Hydraulic Reach	66' 11"
Max. Manual Reach	82' 4"
Max. Hydraulic Reach w/ Jib	101' 1"
Rotation Angle	Continuous
Stabilizer Spread Standard	28' 3"
Basic Model Weight	13,025 lbs

LIFTING CAPACITIES

10'	47,500 lbs
20'	26,525 lbs
30'	17,400 lbs
40'	11,850 lbs
50'	9,025 lbs
60'	6,815 lbs
70'	4,685 lbs
80'	4,390 lbs
90'	2,650 lbs
100'	1,615 lbs

LIFTING MOMENT (MT**)

A	B	C	D	E	F	G
73.9	72.0	70.2	69.3	68.6	68.0	67.5

PK 88002-EH CLASS: HIGH PERFORMANCE



TECHNICAL SPECIFICATIONS

Max. Lifting Moment	590,520 ft. lbs
Max. Hydraulic Reach	73' 10"
Max. Manual Reach	82' 0"
Max. Hydraulic Reach w/ Jib	107' 11"
Rotation Angle	Continuous
Stabilizer Spread Standard	28' 3"
Basic Model Weight	14,947 lbs

LIFTING CAPACITIES

10'	48,750 lbs
20'	28,500 lbs
30'	19,000 lbs
40'	13,200 lbs
50'	9,850 lbs
60'	7,250 lbs
70'	5,750 lbs
80'	4,150 lbs
90'	3,115 lbs
100'	2,350 lbs

LIFTING MOMENT (MT**)

A	B	C	D	E	F	G	H
80.6	78.6	76.8	75.9	75.0	74.1	73.3	72.9



PK 92002-SH CLASS: HIGH PERFORMANCE



TECHNICAL SPECIFICATIONS

Max. Lifting Moment	618,620 ft. lbs
Max. Hydraulic Reach	73' 10"
Max. Manual Reach	82' 0"
Max. Hydraulic Reach w/ Jib	107' 11"
Rotation Angle	Continuous
Stabilizer Spread Standard	28' 3"
Basic Model Weight	14,947 lbs

LIFTING CAPACITIES

10'	51,675 lbs
20'	30,200 lbs
30'	19,250 lbs
40'	13,800 lbs
50'	10,325 lbs
60'	7,625 lbs
70'	6,175 lbs
80'	4,575 lbs
90'	3,300 lbs
100'	2,415 lbs

LIFTING MOMENT (MT**)

A	B	C	D	E	F	G	H
84.8	83.8	80.6	79.7	78.8	78.0	77.2	76.8

PK 100002 HPLS CLASS: PERFORMANCE



TECHNICAL SPECIFICATIONS

Max. Lifting Moment	639,670 ft. lbs
Max. Hydraulic Reach	72' 2"
Max. Manual Reach	88' 11"
Max. Hydraulic Reach w/ Jib	104' 12"
Rotation Angle	Continuous
Stabilizer Spread Standard	28' 3"
Basic Model Weight	19,400 lbs

LIFTING CAPACITIES

10'	55,120 lbs
20'	31,970 lbs
30'	21,440 lbs
40'	14,670 lbs
50'	10,400 lbs
60'	7,440 lbs
70'	6,300 lbs
80'	4,190 lbs
90'	3,210 lbs
100'	2,450 lbs

LIFTING MOMENT (MT**)

B	C	D	E	F	G	H
88.3	86.4	84.9	83.8	82.8	82.0	81.3



PK 110002-SH CLASS: HIGH PERFORMANCE



TECHNICAL SPECIFICATIONS

Max. Lifting Moment	712,350 ft. lbs
Max. Hydraulic Reach	72' 2"
Max. Manual Reach	N/A
Max. Hydraulic Reach w/ Jib	113' 10"
Rotation Angle	Continuous
Stabilizer Spread Standard	28' 3"
Basic Model Weight	19,466 lbs

LIFTING MOMENT (MT**)

B	C	D	E	F	G	H
95.8	92.5	88.5	83.6	78.3	73.0	68.4

LIFTING CAPACITIES

10'	62,500 lbs
20'	33,500 lbs
30'	23,000 lbs
40'	16,150 lbs
50'	12,200 lbs
60'	8,850 lbs
70'	7,125 lbs
80'	4,600 lbs
90'	3,525 lbs
100'	2,600 lbs
110'	1,500 lbs

PK 165.002 TEC 7 CLASS: TECHNOLOGY



TECHNICAL SPECIFICATIONS

Max. Lifting Moment	903,020 ft. lbs
Max. Hydraulic Reach	68' 10"
Max. Hydraulic Reach w/ Jib	118' 4" (with Jib)
Rotation Angle	Continuous
Stabilizer Spread Standard	32' 8"

LIFTING MOMENT (MT**)

C	E	F	G	H
121.6	117.0	115.9	115.2	114.6

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PK 20002L-SH CLASS: HIGH PERFORMANCE



TECHNICAL SPECIFICATIONS

Max. Lifting Moment	1,090,030 ft. lbs
Max. Hydraulic Reach	83' 12"
Max. Hydraulic Reach w/ Jib	157' 3"
Rotation Angle	Continuous
Stabilizer Spread Standard	34' 1"

LIFTING MOMENT (MT**)

C	E	G
140.0	134.2	129.4

For further information please visit WWW.PALFINGER.COM

PW 310 CLASS: PERFORMANCE



TECHNICAL SPECIFICATIONS

Max. Lifting Moment	127,930 ft. lbs
Max. Hydraulic Reach	42' 4"
Rotation Angle	400°
Stabilizer Spread Standard	21' 8"
Basic Model Weight	5,960 lbs

LIFTING CAPACITIES

20'	6,470 lbs
30'	4,160 lbs
40'	3,030 lbs



PW 3200I CLASS: HIGH PERFORMANCE



TECHNICAL SPECIFICATIONS

Max. Lifting Moment	194,850 ft. lbs
Max. Hydraulic Reach	43' 0"
Rotation Angle	470°
Stabilizer Spread Standard	22' 5"
Basic Model Weight	6,742 lbs

LIFTING CAPACITIES

42'	4,450 lbs
52'	2,950 lbs
61'	2,050 lbs

LIFTING MOMENT (MT**)

A	B	C
27.8	24.8	23.4

PW 3500I-SH CLASS: HIGH PERFORMANCE



TECHNICAL SPECIFICATIONS

Max. Lifting Moment	224,640 ft. lbs
Max. Hydraulic Reach	61' 0"
Rotation Angle	470°
Stabilizer Spread Standard	22' 5"
Basic Model Weight	6,742 lbs

LIFTING CAPACITIES

42'	5,000 lbs
52'	3,400 lbs
61'	2,450 lbs

LIFTING MOMENT (MT**)

A	B	C
31.0	27.6	26.0



PW 3800I CLASS: HIGH PERFORMANCE



TECHNICAL SPECIFICATIONS

Max. Lifting Moment	249,200 ft. lbs
Max. Hydraulic Reach	61' 0"
Rotation Angle	470°
Stabilizer Spread Standard	25' 1"
Basic Model Weight	8,880 lbs

LIFTING CAPACITIES

52'	3,950 lbs
61'	2,900 lbs

LIFTING MOMENT (MT**)

A	B
31.4	29.5

PW 3800IEL CLASS: HIGH PERFORMANCE



TECHNICAL SPECIFICATIONS

Max. Lifting Moment	219,780 ft. lbs
Max. Hydraulic Reach	70' 3"
Rotation Angle	470°
Stabilizer Spread Standard	25' 1"
Basic Model Weight	10,080 lbs

LIFTING CAPACITIES

70'	2,050 lbs
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LIFTING MOMENT (MT**)

C
24.1



PW 4200I-SH CLASS: HIGH PERFORMANCE



TECHNICAL SPECIFICATIONS

Max. Lifting Moment	278,190 ft. lbs
Max. Hydraulic Reach	61' 0"
Rotation Angle	470°
Stabilizer Spread Standard	25' 1"
Basic Model Weight	8,550 lbs

LIFTING CAPACITIES

52'	4,500 lbs
61'	3,350 lbs

LIFTING MOMENT (MT**)

A	B	C
N/A	35.4	33.4

PW 5000I-SH CLASS: HIGH PERFORMANCE



TECHNICAL SPECIFICATIONS

Max. Lifting Moment	253,220 ft. lbs
Max. Hydraulic Reach	80' 9"
Rotation Angle	470°
Stabilizer Spread Standard	25' 1"
Basic Model Weight	11,420 lbs

LIFTING CAPACITIES

76'	1,780 lbs
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LIFTING MOMENT (MT**)

C
35.0

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Applications shown in the leaflet do not always correspond to the standard specifications. Design and specification are subject to change without prior notice.

Note: *) Optional features, **) Figure rounded