

PRODUCTS



CONTENT

Product overview	6
Stiff Boom Crane Series	8
Knuckle Boom Crane Series	14
Special Vehicles	22
Industry Applications	23
Service	24







HISTORY:

On February 28th, 2012, Sany Group and Palfinger Group signed a cooperation agreement, officially founding SanyPalfinger SPV Equipment Co., Ltd. which aims at designing, manufacturing, and selling truck mounted cranes as well as special vehicle equipment.

SPV devotes itself to the development of innovative truck mounted cranes to be the first class brand with excellent products and service.

With a win-win cooperation of Sany and Palfinger, it is clear that the joint venture will sustain the excellent quality from its parent companies and make "innovation, excellence and internationalization" as its operation concept to achieve the goal of becoming the leader of global special vehicles and equipment manufacturer.

OUR VISION:

SANY PALFINGER is focused on superior stakeholder returns by serving customers and employees according to our company values, realizing number one or two market position in all product categories, providing Industry leading product and service quality; achieving operational excellence through a culture of process orientation and continuous improvement.

OUR MISSION:

SANY PALFINGER is committed to providing the most innovative, flexible, and affordable handling solutions from China to the World.



PRODUCT OVERVIEW



STIFF BOOM CRANE

INDIVIDUAL VEHICLE
CONFIGURATION ACCORDING TO NEEDS

- European Quality Standards, HD Paint Technology and Service Friendly Designs to ensure the best Reliability, Performance, and Safety in the Industry
- Best Lift-to-Weight Ratio due to the consequent utilization of High Strength Steel on all main components
- Complete Vehicle Installations directly from SANY PALFINGER



KNUCKLE BOOM CRANE

GREAT WORKING RANGE AND
HIGH WORKING SPEED

- European Design to ensure the best Reliability, Performance and Safety
- The Knuckle Boom Crane Structure ensures a maximum of movement flexibility for the crane operator
- Various attachments and accessories available (rope winches, grabs, forks, etc...)



AERIAL WORKING PLATFORM

COMPACT DESIGN
WITH MAXIMIZED LIFTING HEIGHT

- ➔ Small and clever for use in city centres
- ➔ High maneuverability due to the extremely short wheelbase
- ➔ Flexible access to heights due to the combination of joints and the telescopic boom



SPECIAL VEHICLES

CUSTOMIZED SOLUTIONS
FOR ANY JOB

- ➔ City Management Vehicles
- ➔ Special Purpose Vehicles
- ➔ Hook Loader Applications
- ➔ Self-propelled Scissor Lifts

STIFF BOOM CRANES

The SPS Product Line covers a broad range of Stiff Boom Cranes from 3.2T to 20T Lifting Capacity.





WORKING LIGHTS

- Better Operation Safety in dust and darkness
- Optimized visibility in the loading area
- LED working lights optionally available



ERGONOMIC DESIGN

- Practical and Attractive
- Throughout the design phase Sany Palfinger follows the general principles of ergonomics to ensure a comfortable and safe crane operation



INTEGRATED ELECTRIC SYSTEM

- Robust, reliable, and service friendly design
- Network of modular components connected through standardized interfaces



ADVANCED PROPORTIONAL HYDRAULIC SYSTEM

- Allows the operator to use multiple functions simultaneously
- Increases working speed



HIGH PRESSURE AND RETURN FILTER

- SANY PALFINGER installs two oil filters on each crane as a standard
- Ensures proper functionality and lifetime



HIGH DENSITY PAINT SYSTEM

- Demonstrates superior performance
- Long-term UV-resistance
- Attractive aesthetics

STIFF BOOM CRANES

2 AXLE TRUCKS



SPS 8000

	SPS 8000 A	SPS 8000 B
No. of Booms	3	4
Lifting Moment	8 mt	8 mt
Lifting Capacity	3200 kg (2.5 m)	3200 kg (2.2 m)
Max. Outreach	7.8 m	10.2 m
Min. Gross Vehicle Weight	8 t	8 t



SPS 12500

	SPS 12500 A	SPS 12500 B
No. of Booms	3	4
Lifting Moment	12.5 mt	12.5 mt
Lifting Capacity	5000 kg (2.5 m)	5000 kg (2.5 m)
Max. Outreach	9 m	11.5 m
Min. Gross Vehicle Weight	16 t	16 t



SPS 16000

	SPS 16000 A	SPS 16000 B
No. of Booms	3	4
Lifting Moment	16 mt	16 mt
Lifting Capacity	7500 kg (2.1 m)	7500 kg (2.1 m)
Max. Outreach	9.5 m	12.3 m
Min. Gross Vehicle Weight	16 t	16 t



SPS 17500

	SPS 17500 B
No. of Booms	4
Lifting Moment	17,5 mt
Lifting Capacity	8000 kg (2.2 m)
Max. Outreach	13.5 m
Min. Gross Vehicle Weight	16 t

STIFF BOOM CRANES

3 AXLE TRUCKS



SPS 20000

	SPS 20000 B	SPS 20000 C
No. of Booms	4	5
Lifting Moment	20 mt	20 mt
Lifting Capacity	8000 kg (2.5 m)	8000 kg (2.5 m)
Max. Outreach	14 m	17.7 m
Min. Gross Vehicle Weight	16 t	16 t



SPS 25000

	SPS 25000 B	SPS 25000 C
No. of Booms	4	5
Lifting Moment	25 mt	25 mt
Lifting Capacity	11000 kg (2.3 m)	11000 kg (2.3 m)
Max. Outreach	14 m	17.7 m
Min. Gross Vehicle Weight	25 t	25 t



SPS 30000

	SPS 30000 B
No. of Booms	4
Lifting Moment	30 mt
Lifting Capacity	12000 kg (2.5 m)
Max. Outreach	14.5 m
Min. Gross Vehicle Weight	25 t

STIFF BOOM CRANES 4 AXLE TRUCKS



SPS 35000

	SPS 35000 B	SPS 35000 C
No. of Booms	4	5
Lifting Moment	35 mt	35 mt
Lifting Capacity	14000 kg (2.5 m)	14000 kg (2.5 m)
Max. Outreach	15 m	18.4 m
Min. Gross Vehicle Weight	25 t	25 t



SPS 50000

	SPS 50000 C
No. of Booms	5
Lifting Moment	50 mt
Lifting Capacity	20000 kg (2.5 m)
Max. Outreach	21 m
Min. Gross Vehicle Weight	31 t

POPULAR OPTIONS



LOWER SEAT

- ➔ Ensures proper visibility and safety
- ➔ Allows the operator to comfortably control the crane from an elevated position
- ➔ Enhanced version of the floor control



OVERLOAD PROTECTION SYSTEM

- ➔ Built in safety function
- ➔ Stops all movements that could further increase the lifting moment
- ➔ Prevents the crane from being structurally damaged



RADIO REMOTE CONTROL

- ➔ Allows to remotely control the crane
- ➔ Provides the best-possible overview of the loading process and ensures higher efficiency in use



TOP SEAT

- ➔ Optimal functionality and ergonomics
- ➔ Provides excellent visibility and easy operation



LOAD INDICATOR

- ➔ Effective and robust solution to provide the crane operator valuable information about the current load situation



TWO SPEED WINCH

- ➔ Designed to maximize the efficiency
- ➔ Allows to double the line speed of the winch when less than half of the maximum load is suspended

KNUCKLE BOOM CRANES

The main advantage of the knuckle boom crane is the ability to fold the outer boom which results in a greater working range and higher working speed.





HIGH DENSITY PAINT SYSTEM

- Demonstrates superior performance
- Long-term UV-resistance
- Attractive aesthetics



ERGONOMIC CRANE CONTROL

- Operating levers for all crane functions are arranged ergonomically on the console
- Comfortable and efficient working
- Easy to service



LOAD HOLDING VALVE

- Prevents the crane boom from dropping
- Fitted as standard on all cylinders
- Valves are positioned in such a way that they are protected from damage



ADJUSTABLE SLIDE BLOCKS

- Ensure optimal lateral guidance of the extension system



FUNCTION DESIGN

- Practical and attractive
- Enclosure of the entire electronic system



HIGH SPEED EXTENSION

- Speeds up the extension boom system
- Increases working speed and efficiency
- Time saving



SPK 6500

	SPK 6500 A	SPK 6500 B
No of Extension Booms	2	3
Lifting Moment	5.8 mt	5.8 mt
Lifting Capacity	3200 kg	3140 kg
Max. Outreach	7.6 m	9.6 m
Min. Gross Vehicle Weight	8 t	8 t



SPK 8500

	SPK 8500 A	SPK 8500 B
No of Extension Booms	2	3
Lifting Moment	7.6 mt	7.6 mt
Lifting Capacity	3200 kg	3140 kg
Max. Outreach	7.6 m	9.6 m
Min. Gross Vehicle Weight	16 t	16 t



SPK 10000

	SPK 10000 A	SPK 10000 B	SPK 10000 C
No of Extension Booms	2	3	4
Lifting Moment	9.5 mt	9.5 mt	9.5 mt
Lifting Capacity	5580 kg	5460 kg	5360 kg
Max. Outreach	8.2 m	10.3 m	12.4 m
Min. Gross Vehicle Weight	16 t	16 t	16 t



SPK 12000

	SPK 12000 A	SPK 12000 B	SPK 12000 C
No of Extension Booms	2	3	4
Lifting Moment	11.6 mt	11.6 mt	11.6 mt
Lifting Capacity	6680 kg	6560 kg	6460 kg
Max. Outreach	8.2 m	10.3 m	12.4 m
Min. Gross Vehicle Weight	16 mt	16 mt	16 mt



SPK 15500

	SPK 15500 A	SPK 15500 B	SPK 15500 C
No of Extension Booms	2	3	4
Lifting Moment	14.6 mt	14.6 mt	14.6 mt
Lifting Capacity	6100 kg	6000 kg	5850 kg
Max. Outreach	8.1 m	10.3 m	12.4 m
Min. Gross Vehicle Weight	16 mt	16 mt	16 mt



SPK 18500

	SPK 18500 A	SPK 18500 B	SPK 18500 C
No of Extension Booms	2	3	4
Lifting Moment	18.3 mt	18.3 mt	18.3 mt
Lifting Capacity	8000 kg	8000 kg	8000 kg
Max. Outreach	8.3 m	10.3 m	12.4 m
Min. Gross Vehicle Weight	16 mt	16 mt	16 mt



SPK 23500

	SPK 23500 A	SPK 23500 B	SPK 23500 C
No of Extension Booms	2	3	4
Lifting Moment	23 mt	23 mt	23 mt
Lifting Capacity	10000 kg	10000 kg	10000 kg
Max. Outreach	8.2 m	10.3 m	12.4 m
Min. Gross Vehicle Weight	16 mt	16 mt	16 mt



SPK 32080

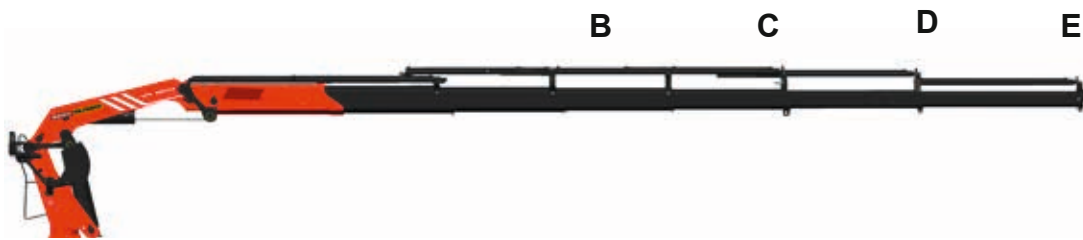
	SPK 32080 A	SPK 32080 B	SPK 32080 C
No of Extension Booms	2	3	4
Lifting Moment	30.4 mt	30.4 mt	30.4 mt
Lifting Capacity	5580 kg	5460 kg	5360 kg
Max. Outreach	8.1 m	10.1 m	12.2 m
Min. Gross Vehicle Weight	25 mt	25 mt	25 mt



SPK 36080

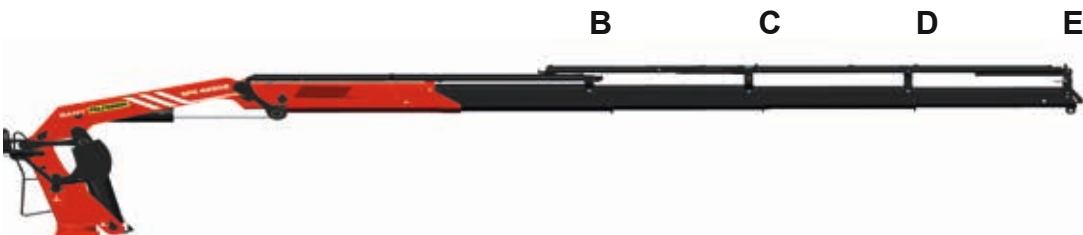
	SPK 36080 A	SPK 36080 B	SPK 36080 C
No of Extension Booms	2	3	4
Lifting Moment	34.8 mt	34.8 mt	34.8 mt
Lifting Capacity	8500 kg	8300 kg	8100 kg
Max. Outreach	8.1 m	10.1 m	12.1 m
Min. Gross Vehicle Weight	25 mt	25 mt	25 mt

KNUCKLE BOOM CRANES 4 AXLE TRUCKS



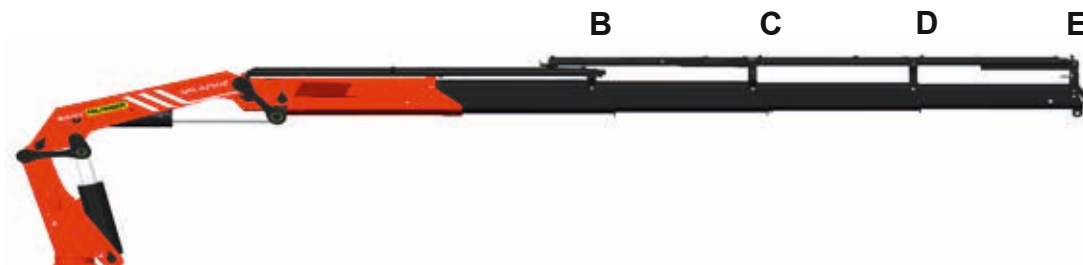
SPK 38502

	SPK 38502 B	SPK 38502 C	SPK 38502 D	SPK 38502 E
No of Extension Booms	3	4	5	6
Lifting Moment	38.2 mt	38.2 mt	38.2 mt	38.2 mt
Lifting Capacity	12700 kg	12500 kg	11900 kg	11300 kg
Max. Outreach	10 m	12.1 m	14.5 m	16.8 m
Min. Gross Vehicle Weight	25 mt	25 mt	25 mt	25 mt



SPK 42502 MH

	SPK 42502 MH B	SPK 42502 MH C	SPK 42502 MH D	SPK 42502 MH E
No of Extension Booms	3	4	5	6
Lifting Moment	42.3 mt	42.3 mt	42.3 mt	42.3 mt
Lifting Capacity	14000 kg	13900 kg	13200 kg	12600 kg
Max. Outreach	10 m	12.1 m	14.5 m	16.8 m
Min. Gross Vehicle Weight	25 mt	25 mt	25 mt	25 mt



SPK 42502 EH

	SPK 42502 EH B	SPK 42502 EH C	SPK 42502 EH D	SPK 42502 EH E
No of Extension Booms	3	4	5	6
Lifting Moment	42.3 mt	42.3 mt	42.3 mt	42.3 mt
Lifting Capacity	14000 kg	13900 kg	13200 kg	12600 kg
Max. Outreach	10 m	12.1 m	14.5 m	16.8 m
Min. Gross Vehicle Weight	31 mt	31 mt	31 mt	31 mt

KNUCKLE BOOM CRANES 4 AXLE TRUCKS



SPK 55502

	SPK 55502 C	SPK 55502 D	SPK 55502 E
No of Extension Booms	4	5	6
Lifting Moment	53.9 mt	53.9 mt	53.9 mt
Lifting Capacity	19500 kg	18600 kg	18000 kg
Max. Outreach	11.5 m	13.7 m	16.0 m
Min. Gross Vehicle Weight	31 mt	31 mt	31 mt



SPK 61502 MH

	SPK 61502 MH C	SPK 61502 MH D	SPK 61502 MH E
No of Extension Booms	4	5	6
Lifting Moment	57.3 mt	57.3 mt	57.3 mt
Lifting Capacity	20700 kg	19700 kg	19200 kg
Max. Outreach	11.5 m	13.7 m	16.0 m
Min. Gross Vehicle Weight	31 mt	31 mt	31 mt



SPK 61502 EH

	SPK 61502 EH C	SPK 61502 EH D	SPK 61502 EH E
No of Extension Booms	4	5	6
Lifting Moment	57.3 mt	57.3 mt	57.3 mt
Lifting Capacity	20700 kg	19700 kg	19200kg
Max. Outreach	11.5 m	13.7 m	16.0 m
Min. Gross Vehicle Weight	31 mt	31 mt	31 mt

POPULAR OPTIONS



RADIO REMOTE CONTROL

- Allows to remotely control the crane
- Provides the best-possible overview of the loading process and ensures higher efficiency in use



HOSE EQUIPMENT FOR ATTACHMENTS

- Versatile and user-friendly
- The hose equipment offers an easy means of connecting auxiliary equipment
- Guided in hose trays for protection



HYDRAULIC OVERLOAD SAFETY DEVICE

- Built in safety function
- Prevents the crane from becoming damaged
- Stops all movements that could further increase the lifting moment



DIFFERENT OUTRIGGER WIDTH

- The choice of outrigger with the correct width based on the demand for the application provides the best option for a stable and reliable machine



HIGH SEAT

- Optimal functionality and ergonomics
- Providing excellent visibility and easy operation



RETURN OIL UTILIZATION

- The high speed of the extension system is a result from the return oil utilization feature, and the generously dimensioned hydraulic pipes
- Increased efficiency

SPECIAL VEHICLES

SANY PALFINGER provides various lifting solutions such as: AERIAL Working Platforms, Hook Loaders, Self Propelled Scissor Lifts, and City Management Vehicles.



SELF PROPELLED SCISSOR LIFTS

- Safe and efficient working
- Environmentally friendly due to biodegradable hydraulic fluid
- Ensured safety due to flashing beacons, a motion alarm, and an automotive horn



TRUCK WITH HOOK LOADER KIT

- High performance in moving containers
- Optimal dead weight to lifting capacity ratio
- Low maintenance and easy service due to functional design
- High value retention



CITY MANAGEMENT VEHICLES

- Energy and labor saving
- Low dead weight, smart mechanic design, and no secondary pollution
- Development of a green and smart city
- Overall solution and wide product range



AERIAL WORKING PLATFORMS

- Advanced European technology
- Lighter and thus more energy saving
- Highest possible safety and reliability
- Maximized working range

INDUSTRY APPLICATIONS

SANY PALFINGER's portfolio of load handling, transport, and logistic solutions are optimized for any application and are suitable for a wide range of industries.



CONSTRUCTION

- For material transportation and for satisfying lifting needs in construction work



LOGISTICS

- For a high level of safety and control when transporting valuable goods



FORESTRY AND AGRICULTURE

- For improving work efficiency in farming and harvesting



MUNICIPALS

- For aerial work, waste collection, and landscaping



WASTE MANAGEMENT

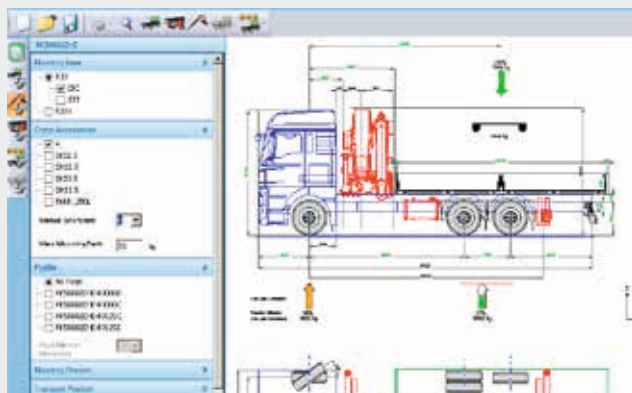
- For efficient handling and transportation of waste materials



BRICK BUSINESS

- For efficient handling and transportation of building materials

APPLICATION ENGINEERING



The SANY PALFINGER applications engineering team addresses the requests of our clientele from subframe design to stability calculations and provide the best vehicle integration solutions..

TECHNICAL SUPPORT



Service is SANY PALFINGER's top priority. Your products are supported by our highly trained, professional, and global service network.

COMPLETE VEHICLE INSTALLATIONS



Complete vehicle installations are provided directly from SANY PALFINGER. We ensure the most economic vehicle installations at the highest quality level.

EUROPEAN QUALITY



SANY PALFINGER produces according to European Quality Standards to ensure the best Reliability, Performance, and Safety in the Industry.

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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. Dimensions may vary. Subject to technical changes, errors, and translation mistakes.