

SPS 16000 STIFF BOOM CRANE

IDEAL LIFTING SOLUTION FOR 2 & 3 AXLE TRUCKS



TECHNICAL SPECIFICATIONS

Product Description

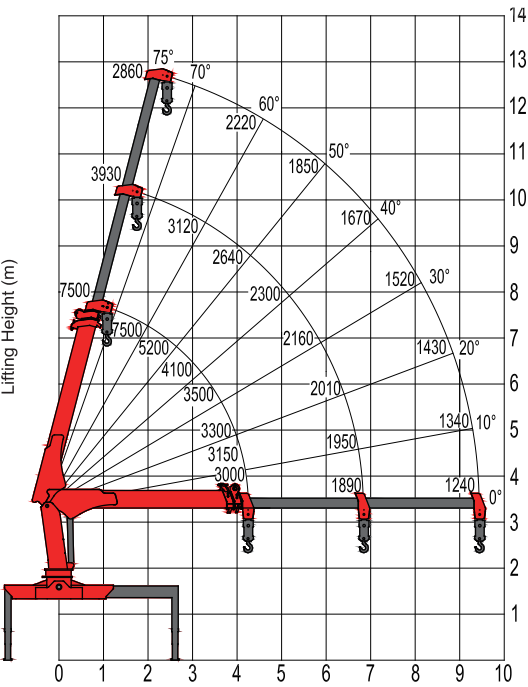
- SANY PALFINGER produces according to European Quality Standards to ensure reliability, performance and safety in the industry
- High tensile strength extension booms to optimize lifting height and working range
- The wide outrigger span ensures the best stability in all mounting situations
- High safety factor with reliability
- Piston pump option for reliability, efficiency, and extended lifetime
- Standard package includes
 - Emergency stop button
 - Working light
 - High pressure filter
 - Over-winding stop

Technical Data

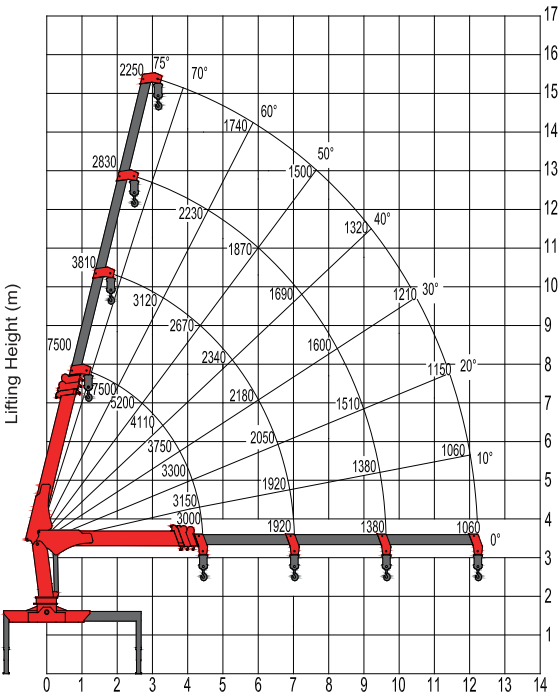
Basic Data	SPS 16000A	SPS 16000B
Rated lifting moment	16 mt	16 mt
Rated lifting capacity	7000 kg (2.5 m)	7000 kg (2.5 m)
Max. outreach	9.5 m	12.3 m
Max. lines of the hook	4	4
Slewing angle	Continuous	Continuous
Boom raising angle	0 ~ 75°	0 ~ 75 °
Max. lifting height (the measurement from the ground after the outriggers fully extended)	11.8 m	14.6 m
Length of the boom system (retracted)	4.5 m	4.7m
Length of the boom system (fully extended)	9.7 m	12.5 m
Boom sections	3	4
Outrigger span (fully extended)	5300 (mm)	5300 (mm)
Recommended flow rate	45 - 65 L/min	45 - 65 L/min
Operating pressure	26 Mpa	26 Mpa
Recommended oil tank capacity	100 L	100 L
Crane moment (dynamic)	243.1 kNm 24.8 mt	262.1 kNm 26.7 mt
Torsional moment (dynamic)	16.8 kNm 1.7 mt	16.8 kNm 1.7 mt
Crane weight	2450 kg (Floor control)	2650 kg (Floor control)

LIFTING CHART

SPS 16000A



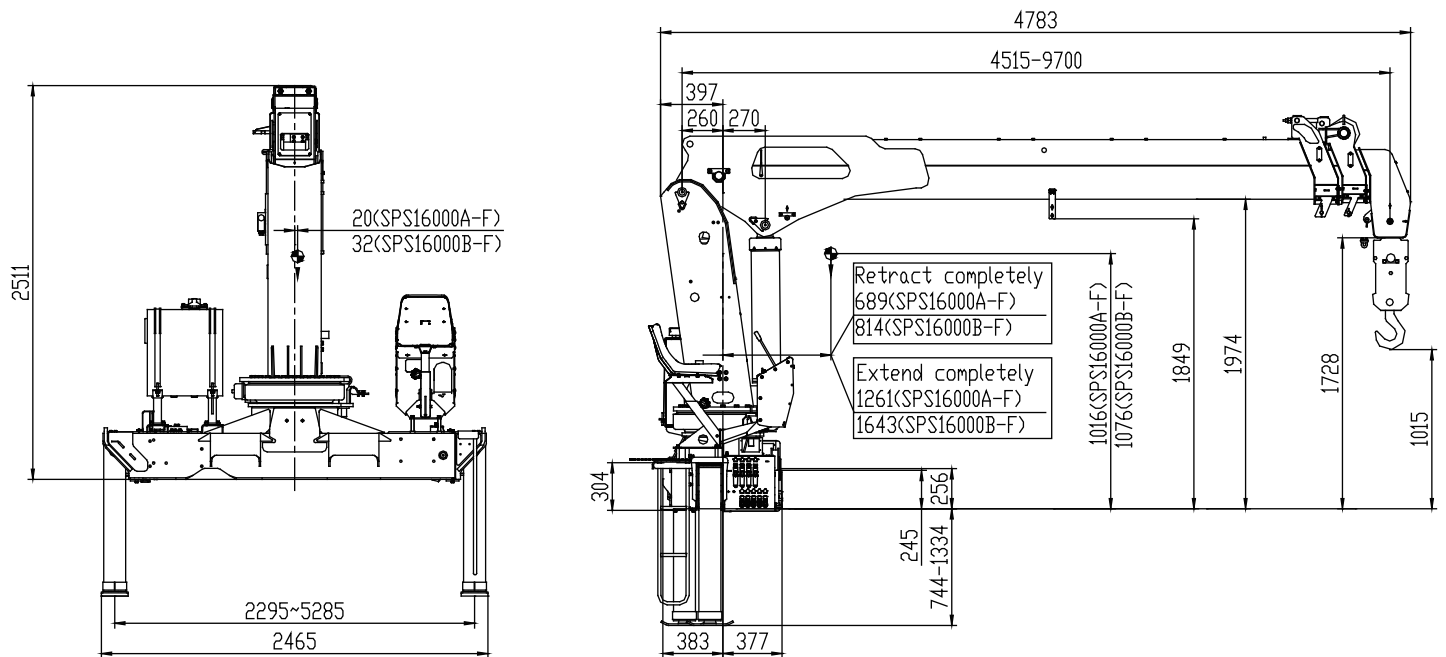
SPS 16000B



NOTE
The above lifting height and boom angles are based on a straight (unladen) boom.
Allowance should be made for boom deflection under laden conditions
Lifting capacities must not exceed 85% of tipping load.

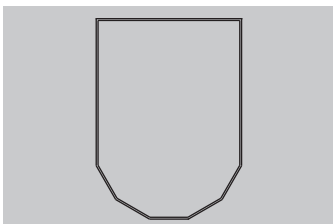
CRANE DIMENSION

SPS16000A-F



*The actual product dimensions can vary depending on the operational equipment.

FEATURES & OPTIONS



Octagonal Boom Profile

- High strength and rigidity due to octagonal cross section



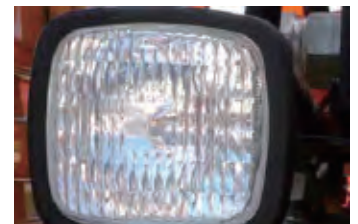
High Tensile Steel

- High Tensile Steel: HG785, SC960
- Able to withstand higher forces



Overload Protection System

- Built-in safety function
- Protects the crane against overloading



Working Light

- Safer operations in dusty and dark working conditions
- Optimal visibility for work



High Pressure Filter

- Ensure proper functionality and longer lifetime of crane



Proportional Hydraulic System

- Sensitive and stable controls for precise operation
- Operator is able to utilize multiple functions simultaneously



Load Indicator

- Provides operators with important information on possible overloading and lifting conditions

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Cranes shown in the leaflet are partially optional equipped and do not always correspond to the standard version. Country-specific regulations must be observed. Dimensions may vary. Subject to technical changes, errors and translation mistakes.

