

# SPS 12500 (PRO) STIFF BOOM CRANE

IDEAL LIFTING SOLUTION FOR 2 & 3 AXLE TRUCKS



# TECHNICAL SPECIFICATIONS

## Product Description

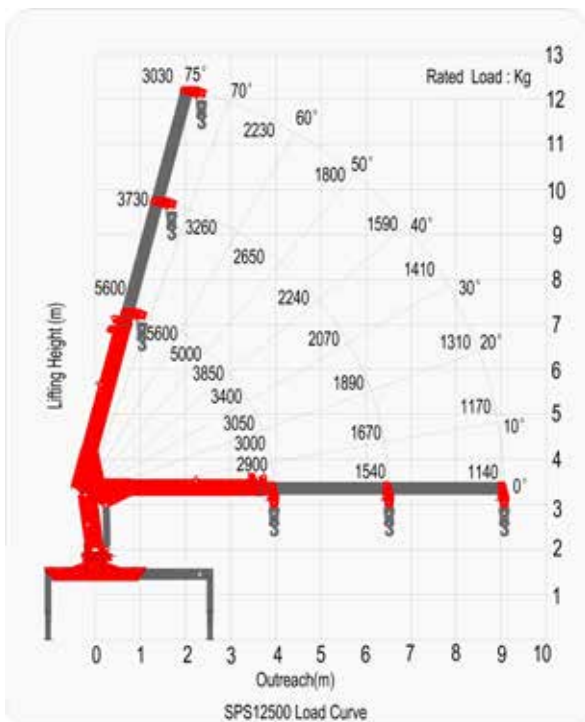
- SANY PALFINGER produces according to European Quality Standards to ensure reliability, performance and safety in the industry
- Extension system boom made of high tensile steel to optimize lifting height and working range
- The wide outrigger span ensures stability in all mounting situations
- Auto RPM function makes hoisting operations more efficient
- Automatic retracting hook up to 90degrees hook in
- Overwinding stop makes operations safer and prevents damage to the crane
- Standard package includes
  - Crane moment limiter
  - Load indicator
  - Radio remote control system
  - Digital service hour counter

## Technical Data

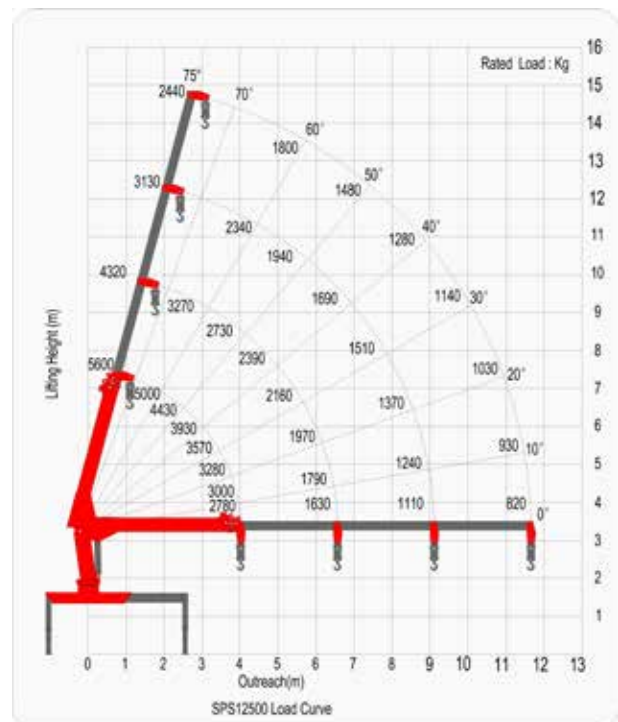
Basic Data	SPS 12500A-F (PRO)	SPS 12500B-F (PRO)
Lifting moment	12.5mt	12.5mt
Max. lifting capacity	5,000kg / 2.5m	5,000kg / 2.5m
Numbers of the boom	3	4
Length of fully extended boom	9.3m	11.9m
Max lifting height	11.4m	14.3m
Hydraulic outreach	9.0m	11.6m
Stabilizer spread	5,100mm	5,100mm
Slewing angle	Continuous	Continuous
Control system	Floor	Floor
Deadweight of the crane	2300kg	2310kg

# LIFTING CHART

SPS 12500A (PRO)



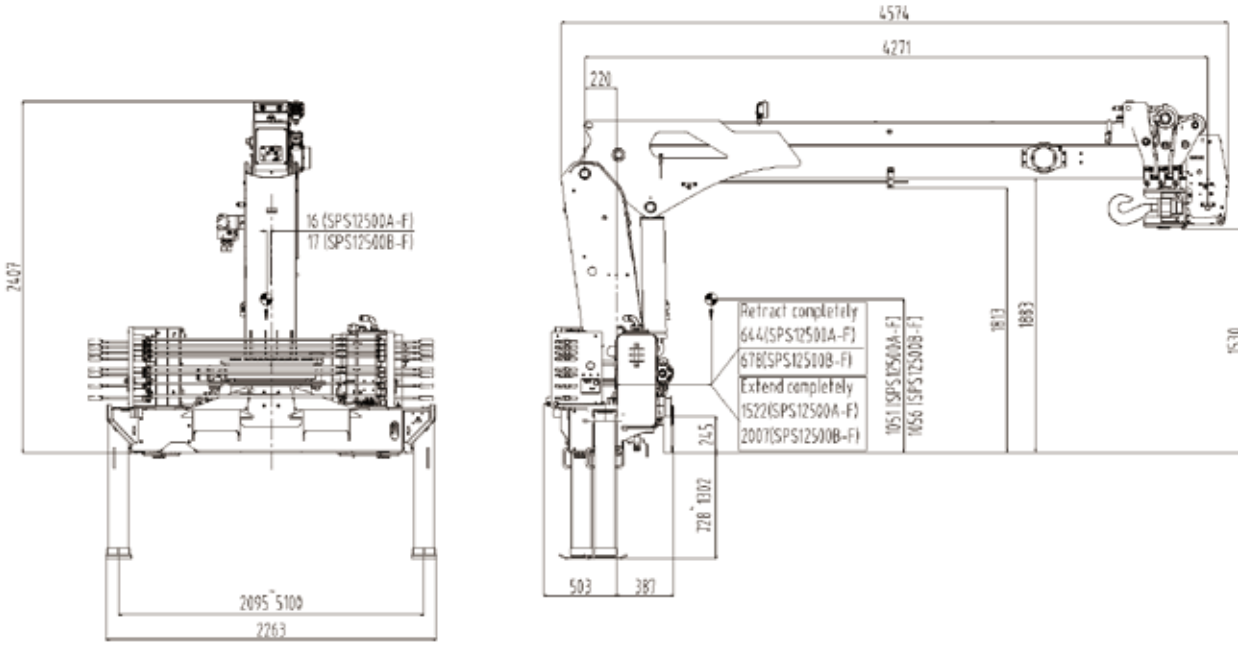
SPS 12500B (PRO)



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.

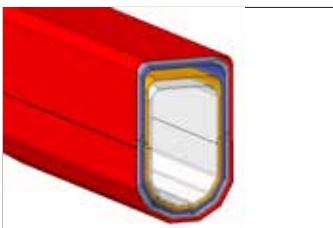
# CRANE DIMENSION

SPS 12500B-F (PRO)



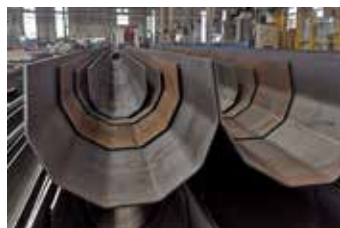
\*The actual product dimensions can vary depending on the operational equipment.

# FEATURES & OPTIONS



Octagonal Boom Profile

- Higher strength and rigidity provided by octagonal boom geometry



High Tensile Steel

- Light weight steel which can withstand higher forces



Automatic Hook Retracting

- Hook-in angle can reach 90°
- Force limitation function while hooked-in enables safety in transport position



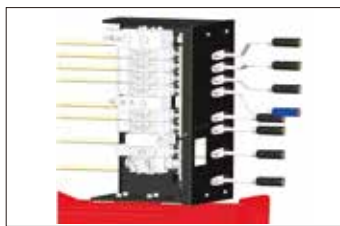
RPM Custom Control

- Operator can directly control RPM of the machine
- Lifting operations can now be even more efficient for skilled operators



High Pressure Filter

- Ensures proper functionality and longer lifetime of crane



High Performance Hydraulic Valve

- Integrated with the main valve, multiple function can be used simultaneously
- Smooth operation, precision control of micro-movements, great comfort and confidence while feeling in control of the crane



High Tech Engineering and Quality process

- Simulation analysis applied to test structures in multiple stress scenarios safer and more reliable crane with smaller deadweight

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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.