

SPS 35000 PRO

STIFF BOOM CRANE

IDEAL LIFTING SOLUTION FOR 3 & 4 AXLE TRUCKS



TECHINICAL SPECIFICATION

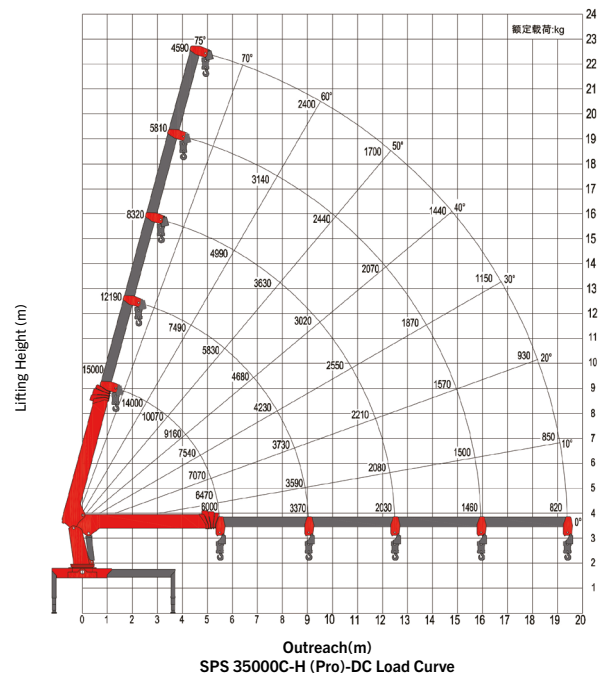
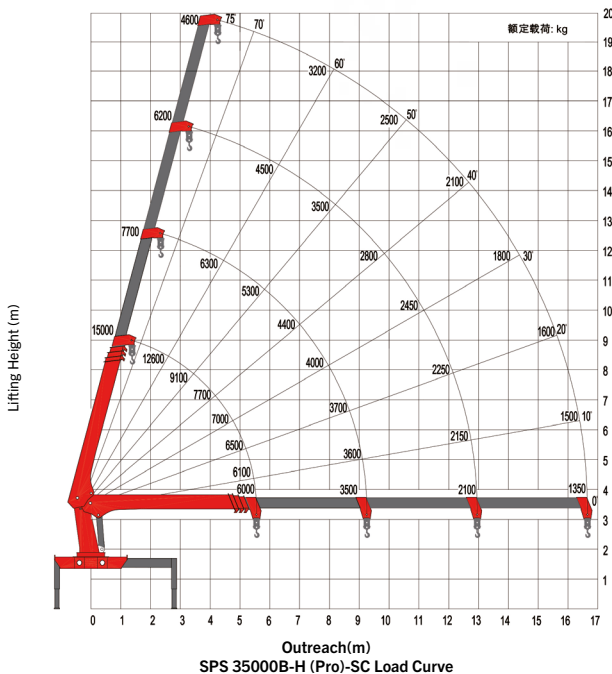
Product Description

- 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
- Automatic retracting hook up
- Overwinding stop makes operations safer and prevents damage to the crane
- Standard package includes
 - High pressure filter
 - Ground level indicator
 - Working light
 - Over winding stop (OWS)
 - Single speed hydraulic winch
 - Pressure gauge
 - Duro Ladder
 - Wide high Seat
 - Maintenance free, galvanized winch cable
 - Hydraulic outrigger
 - Voltage 24V
 - Emergency Shutoff Button

Technical Data

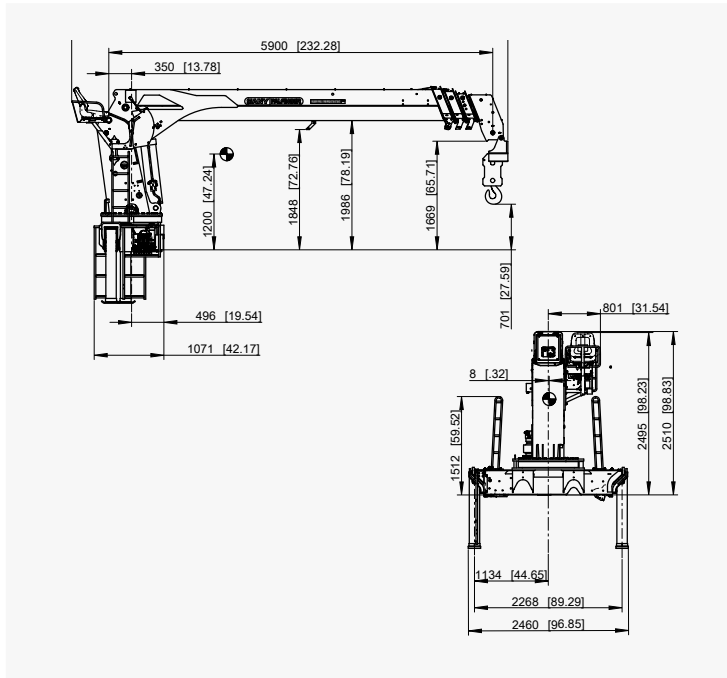
Basic Data	SPS 35000B-H (Pro)-SC	SPS 35000C-H (Pro)-DC
Rated lifting moment	35mt	35mt
Rated lifting capacity	14,000kg / 2.5m	14,000kg / 2.5m
Boom sections	4	5
Max. outreach	16.6m (4 booms)	19.4m (5 booms)
Max. lines of the hook	6	6
Slewing angle Continuous	continous	continous
Boom raising angle	0 ~ 75 °	0 ~ 75 °
Slewing Structure	1 slewing gear	2 slewing gear
Hook Safety	Hook-In	Hook-In
Max. lifting height (the measurement from the ground after the outriggers fully extended)	18.8m	21.6m
Length of the boom system (retracted)	5.9m	5.9m
Length of the boom system (fully extended)	17.0m	19.8m
Outrigger span (fully extended)	7250mm	7250mm
Recommended flow rate	60-90L/min	60-90L/min
Operating pressure	32MPa	32MPa
Recommended oil tank capacity	200 L	200 L
Crane Width	2,460mm	2,460mm
Control system	Top seat	Top seat
Crane weight of standard model	4960Kg	5950kg

LIFTING CHART

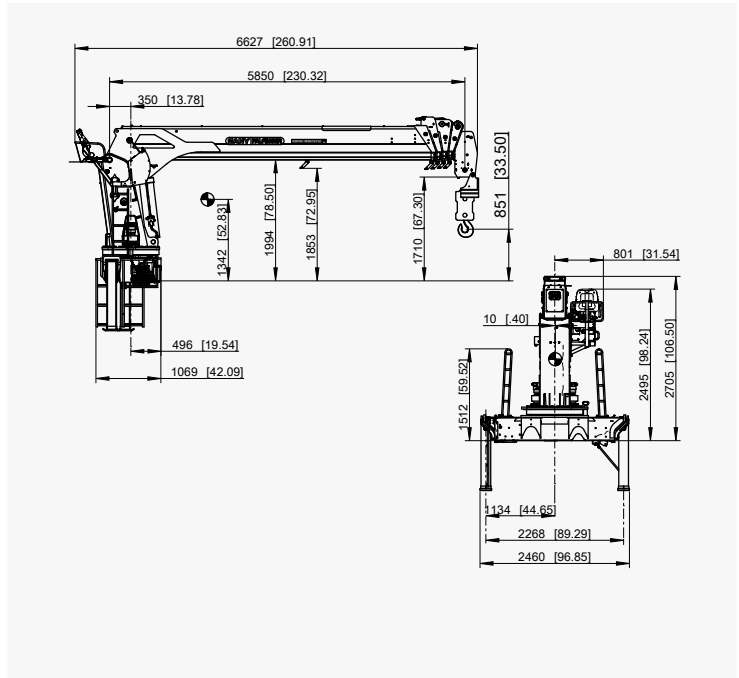


CRANE DIMENSION

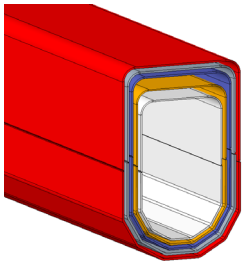
SPS 35000B-H (PRO)-SC



SPS 35000C-H (PRO)-DC



FEATURES AND OPTIONS



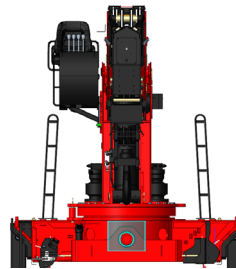
Octagonal Boom Profile

- Higher strength and rigidity provided by octagonal boom geometry



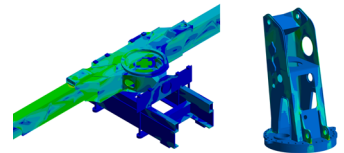
Optional auxiliary winch

- Meet the needs of different working conditions and increase the operational efficiency of customers by more than 6.5 times under low load conditions



High-performance dual-rotary mechanism

- Double-rotary piston motor planetary reducer, double the rotary torque



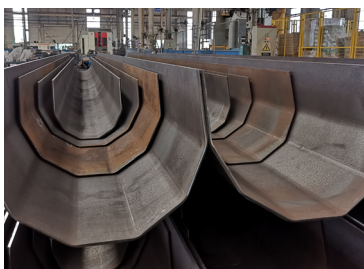
High Tech Engineering and Quality process

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



High Pressure Filter

- Ensures proper functionality and longer lifetime of crane



High Tensile Steel

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



Optional Remote-Control

- Efficient control of the crane remotely
- Safe crane operation outside of the danger zone
- Easy maintenance and quick troubleshooting



Proportional Hydraulic System

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

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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.

