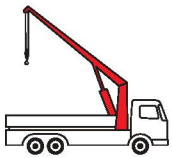


PS 13000 6.3

PALFINGER



Strong and Versatile

www.palfinger-india.com

Superior Technology - Greater Utility

PALFINGER is a global market and technology leader. Its global leadership is based on the strategic pillars of “Innovation - Internationalization - Flexibility”. PALFINGER India offers Truck Mounted Stiff Boom Crane - first indigenously made crane for simple loading and unloading. PS 13000 6.3 is a 13 ton-meter telescopic truck-mounted stiff boom crane with high strength, low dead weight and even better capability making lifting, loading and unloading much easier, safer and more efficient. Explore this superior technology deriving greater utility in your business.

Load Table

PS 13000 6.3

Working Radius	m	2	3	4	5	6	7	8	9	10	11
All Boom Retracted	kg	6300	5350	3800/3.5							
1 st Stage Extended	kg	4330	3900	3615	3100	2170					

PS 13000 6.3 A

Working Radius	m	2	3	4	5	6	7	8	9	10	11
All Boom Retracted	kg	6200	4600	3450/3.6							
1 st Stage Extended	kg	5400	4122	3400	2850	2018					
2 nd Stage Extended	kg	4000	3350	3000	2600	2250	2000	1600	1393/8.5		

PS 13000 6.3 B

Working Radius	m	2	3	4	5	6	7	8	9	10	11
All Boom Retracted	kg	6000	4570	3160/3.6							
1 st Stage Extended	kg	3800	3400	3100	2580	1743					
2 nd Stage Extended	kg	2700	2620	2590	2370	2050	1830	1430	1179/8.5		
3 rd Stage Extended	kg	1970	1760	1530	1450	1350	1250	1225	1190	1140	860/10.8

Load indicated are exclusive of Slings, Sheave Block and any other load or attachment to the load line.

Technical Specification

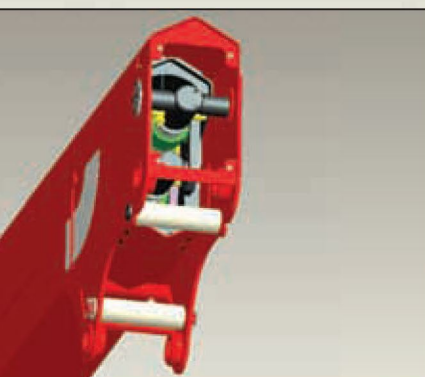
Description	Units	PS 13000 6.3	PS 13000 6.3 A	PS 13000 6.3 B
Lifting Capacity	ton-meter	13.0	13.0	13.0
Dead Weight of Crane	kg	1390	1445	1690
Dead Weight of Stabilizers	kg	360	360	360
Working Radius	m	6	8.5	10.8
Max. Working Height	m	8.4	11.2	13.6
Rated Oil Flow	l/min	70	70	70
Working Pressure	bar	250	250	250
Oil Tank Capacity	l	110	110	110
Shape of Boom		Hexagonal	Hexagonal	Hexagonal
Boom Length	Min. m	3.5	3.6	3.6
	Max. m	6	8.5	10.8
Boom Extending Speed	m/sec	0.2	0.2	0.2
Boom Raising Speed	°/sec	78/12	78/12	78/12
Slewing Angle	°	360° Continuous	360° Continuous	360° Continuous
Slewing Speed	r.p.m	2.5	2.5	2.5
Wire Rope	φ x m	10 x 80 (FMC)	10 x 80 (FMC)	10 x 80 (FMC)
Hook Speed	m/min	15 (4 fall lines)	15 (4 fall lines)	15 (4 fall lines)
Winch Type		Hydraulic Motor + Planetary Gearbox + Hydraulic Brake		
Single Line Pull	Kg	1500	1500	1500
Slewing Reduction Gear Type		Hydraulic Motor + Worm Gearbox		
Outrigger Span	Min. m	2.3	2.3	2.3
	Max. m	5.6	5.6	5.6
Wheel Base	Min. m	4.2	4.2	4.2
Truck Chassis, Recommended	GVW (ton)	12	12	16

Experience Unmatched Strength and Robustness



Structure

Built with high quality steel.
High on strength & durability - low in weight.
Perfect movement geometry.
Meeting EN12999 Standards.



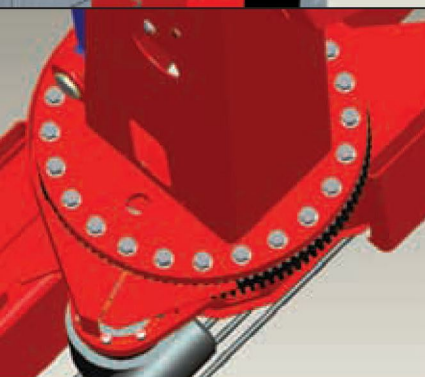
Powerful Boom & Extensions

Hexagonal two-half construction geometry ensures:
Perfect boom balance.
Large support area.
Minimum deflection under load.
No metal to metal contact - lower maintenance cost.
Angle indicator to show operating angle of boom.



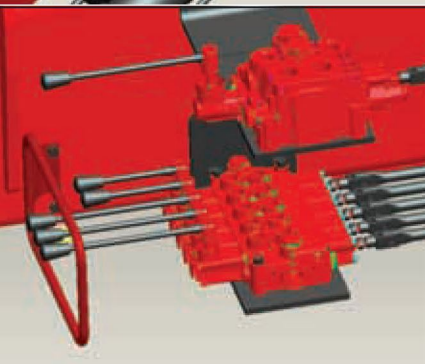
Hydraulic Winch

Compact design.
Mounted on column.
No contact with boom.
No stress and tension on boom.
Protected against over winding.



Slewing System

Slewing gear & pinion arrangement for continuous rotation.
Driven by a hydraulic motor.
Lesser cycle time in operation.
Compact design & strong built for longer life.



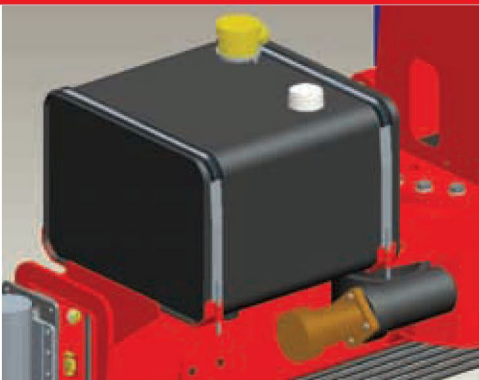
Ergonomic Crane Control

Operating levers for crane functions are arranged ergonomically.
Control from both sides.
An internal console to facilitate easy service.

Best in their class

Pumps & Oil Tank

Low maintenance gear pump adaptable to PTO-s.
Large tank of 110L capacity for better heat dissipation.



Cylinder

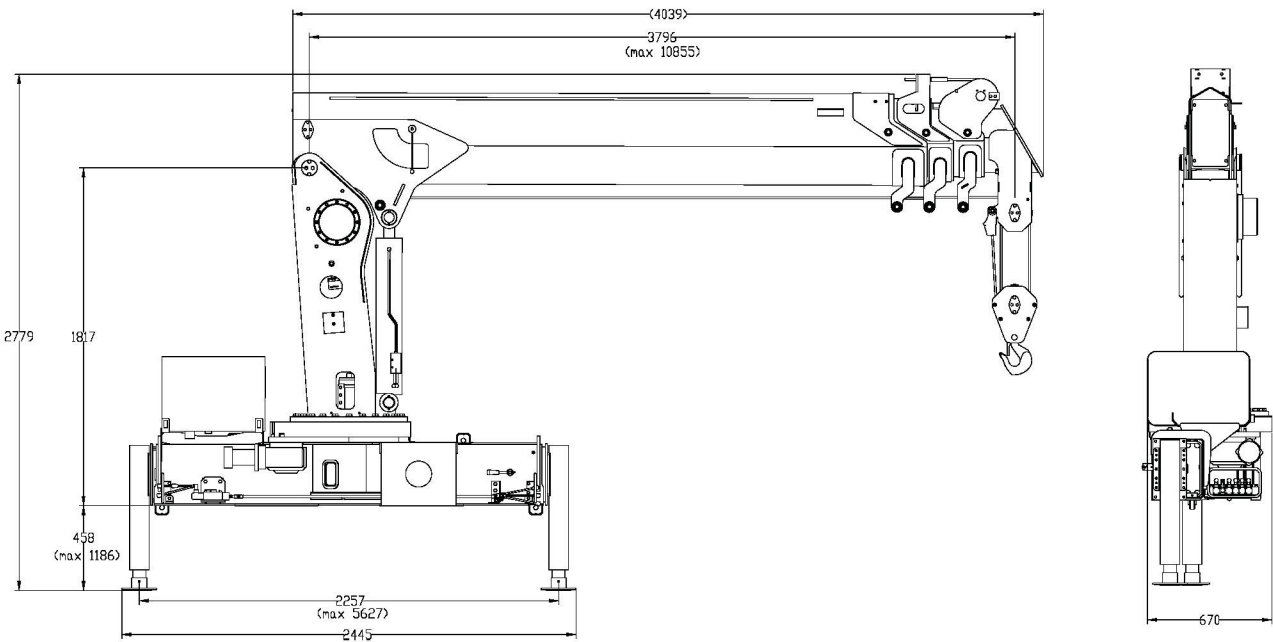
High Performance cylinders.
Long life sealing arrangement.
Hard chromed to be safe from weathering effect.
Load holding valve as standard fitment to each cylinder
In order to prevent the boom dropping in case of leakage.

Return Oil Utilization

This is standard feature to facilitate high speed of extension, while moving without load.

Overload Protection Relay (Optional)

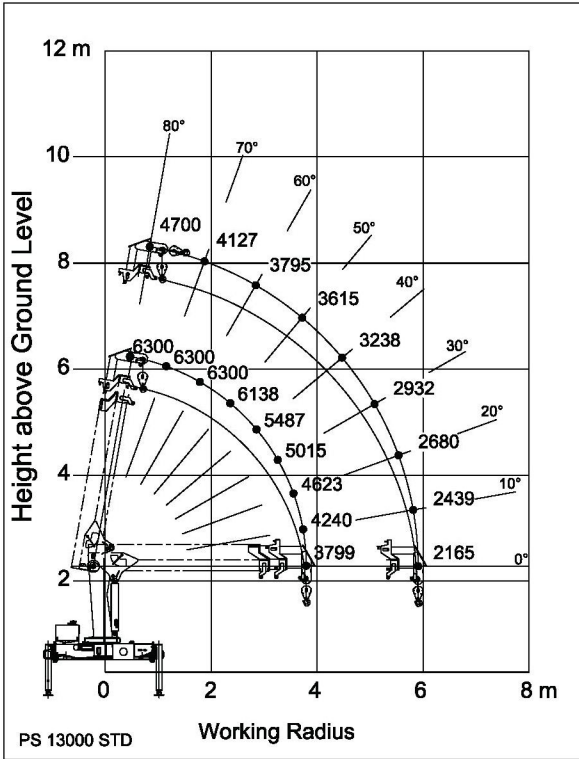
PS 13000 6.3 B



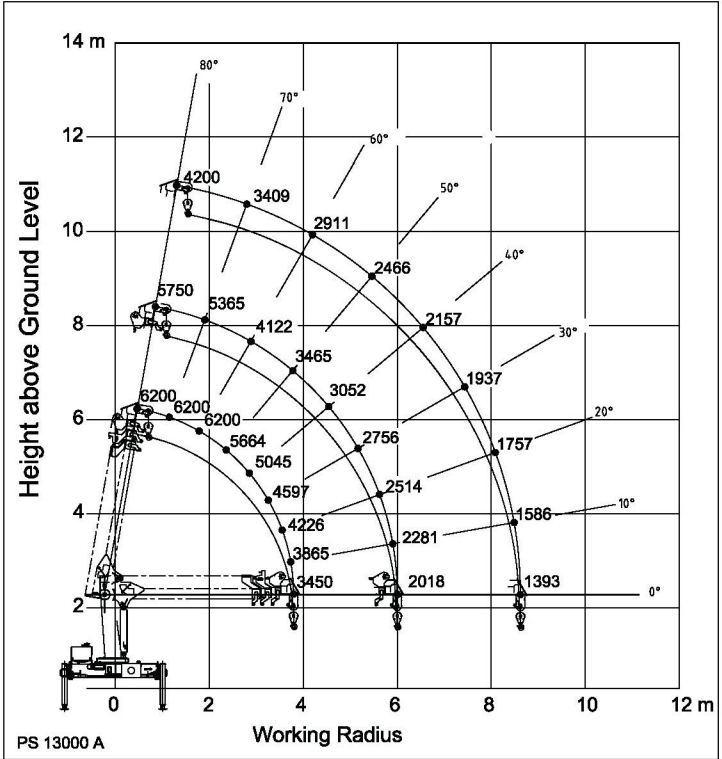
Ability to work efficiently at a highest level

“PALFINGER stiff boom cranes lift more load in any lifting position!”

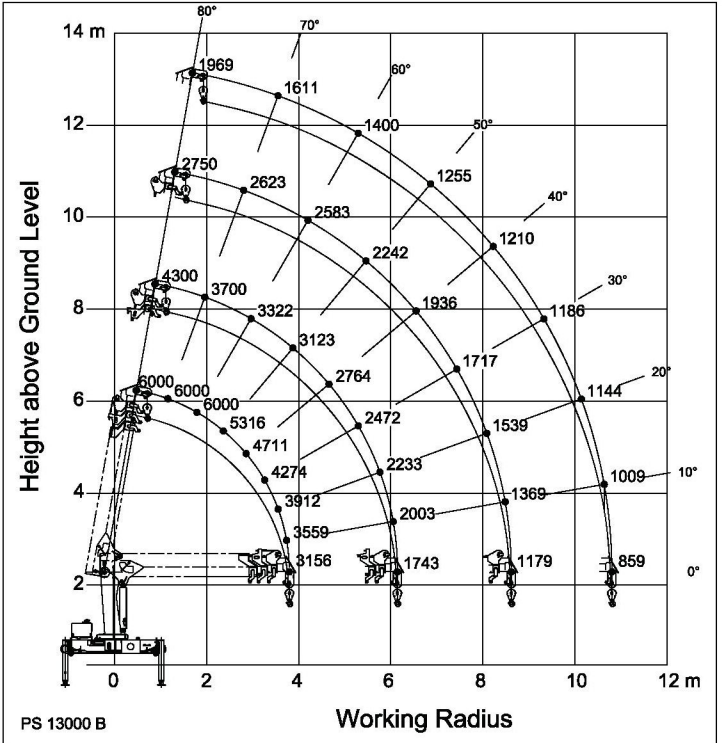
PS 13000 6.3



PS 13000 6.3 A



PS 13000 6.3 B



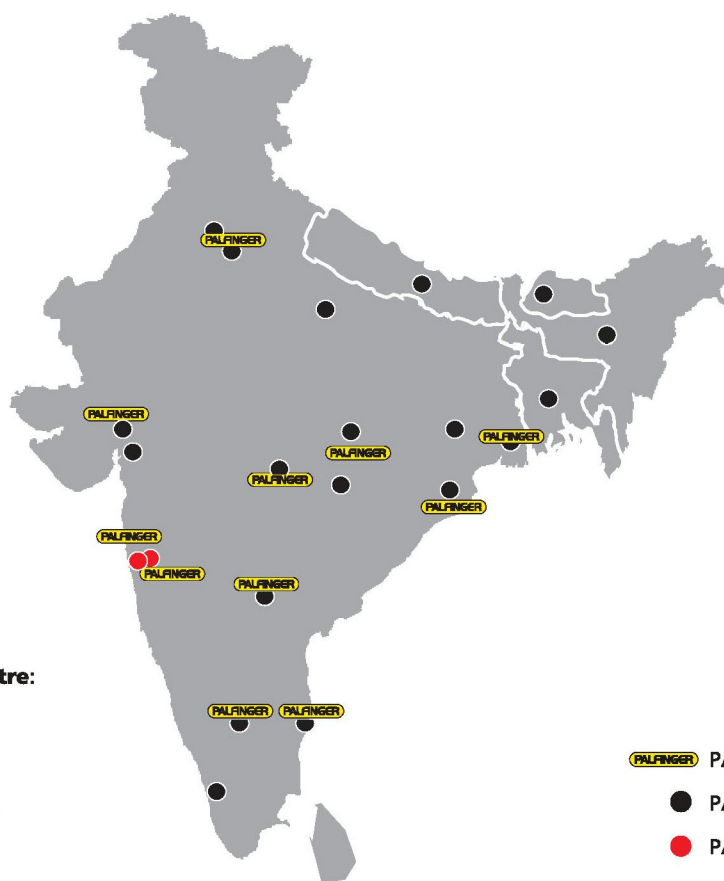
Most
Efficient
Crane in its
Class !!

Configuration

Description	PS 13000 6.3	PS 13000 6.3 A	PS 13000 6.3 B
Arm Section	2	3	4
Sheave Block 4 Fall Lines	Std.	Std.	Std.
Manual Outrigger	Std.	Std.	Std.
Hydraulic Stabilizer	Std.	Std.	Std.
Oil Tank fixed on Crane Base	Std.	Std.	Std.
Gear Pump	Std.	Std.	Std.
Load Angle Indicator	Std.	Std.	Std.
Over Winding Alarm	Std.	Std.	Std.
Unwinding Protection Alarm	Std.	Std.	Std.
Overload Protection	●	●	●
Rear Outrigger System	■	■	■
Vertical Controls Mounting	●	●	●
Tiltable Stabilizers	●	●	●

Std. = Standard | ● = Option | ■ = On request

Ever Increasing Network in India and its Neighbouring countries....



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- PALFINGER PALFINGER Sales & Service Office
- PALFINGER Authorised Dealer
- PALFINGER Special Dealer

Marketing Headquarter:

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15th Floor, Ambience Court,
Opp Vashi RTO Office, Sector 19C,
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