

Load Chart of Indo Power 12-29'

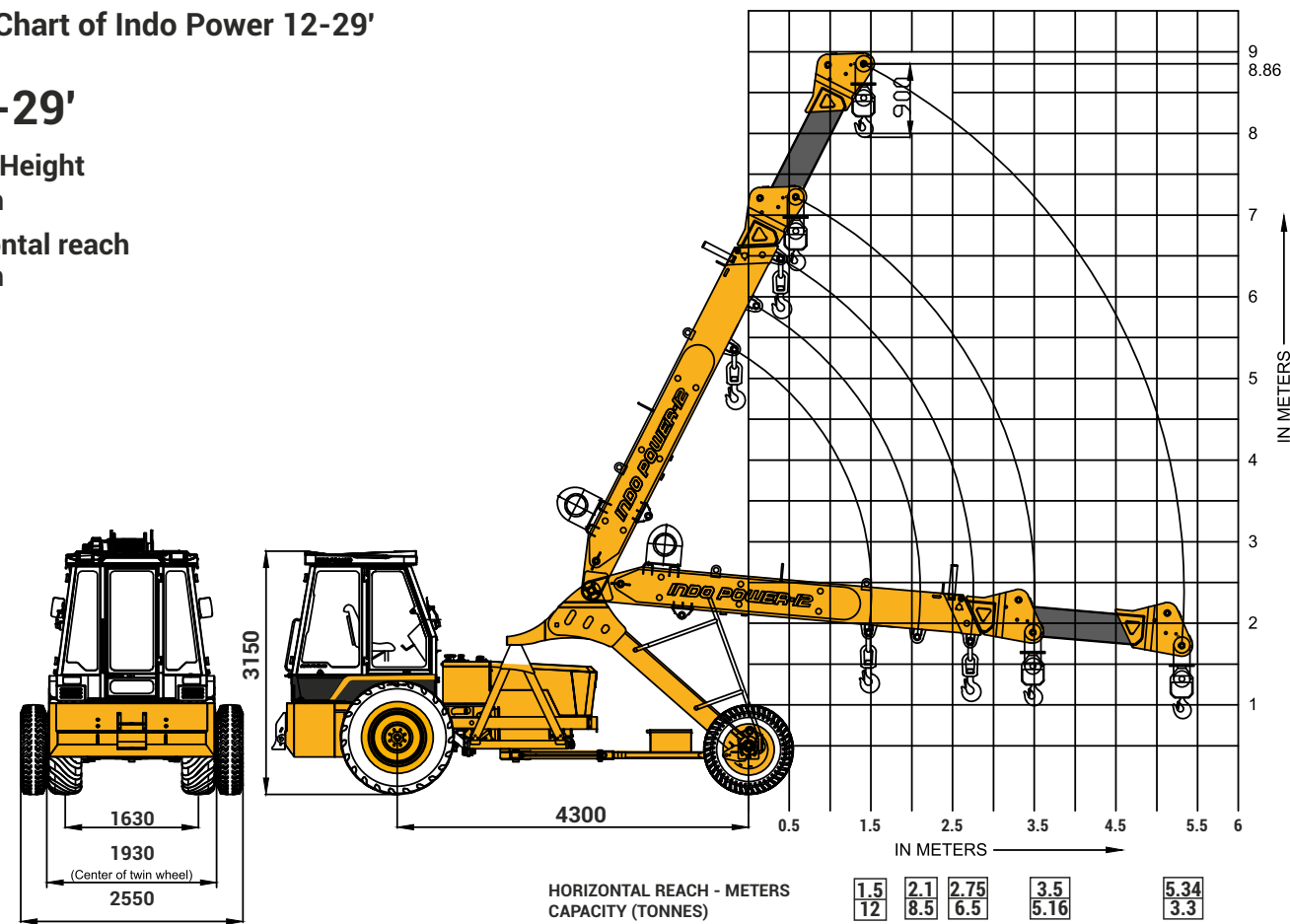
12T-29'

Boom Height

8.86 m

Horizontal reach

5.34 m



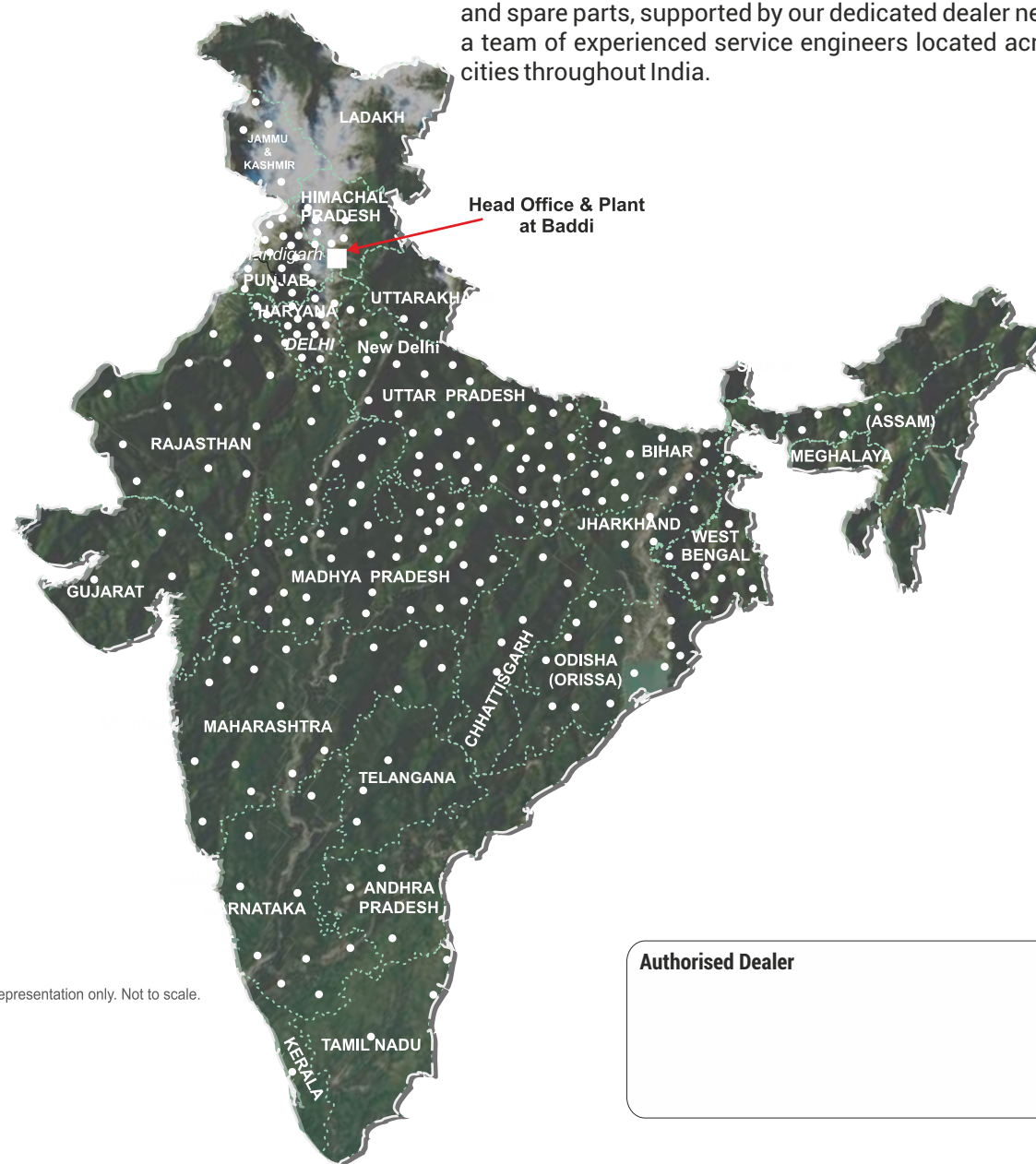
INDO POWER

New Generation Cranes - 15-30 tonne

Next-Gen **Strength.** Unmatched **Control**



All India Network



*Map for graphical representation only. Not to scale.

INDO FARM
EQUIPMENT LIMITED
An ISO 9001-2015 Certified Company



Head Office & Plant :
Export Promotion Industrial Park, Phase-II,
Baddi - 173 205, District Solan, H.P. (India)

+91-1795-274242 to 247247
+91-78329-25001, 78329-25002

mail@indofarm.in

Registered Office :
SCO 859, NAC Manimajra, Chandigarh-Kalka Road,
Chandigarh-160 101

+91-172-2730059, 2730060

www.indofarm.in



Product Support

Indo Farm has established a strong infrastructure for service and spare parts, supported by our dedicated dealer network and a team of experienced service engineers located across major cities throughout India.

INDO POWER

THE SYMBOL OF STRENGTH

12 42', 36' & 29'

Pick 'N' Carry Hydraulic Mobile Crane



Load Capacity
12T



Boom Height
12.84 m, 11.17 m, 8.86 m



Horizontal Reach
9.81 m, 7.91 m, 5.34 m



Engine Power
49 HP @ 2200 rpm

COMPACT
12T CRANE
India's First & Only



Powered by
kirloskar
industrial

Best-in-class **CEV-V** turbocharged engine delivering unmatched power and fuel efficiency



High TORQUE Engine



Best in Class STABILITY



More Front VISIBILITY



Shortest TURNING RADIUS



Heavy Duty Power TRANSMISSION

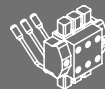


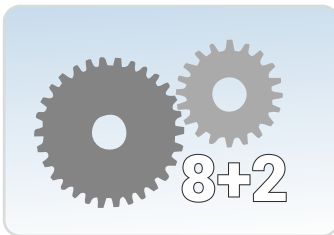
Less MAINTENANCE



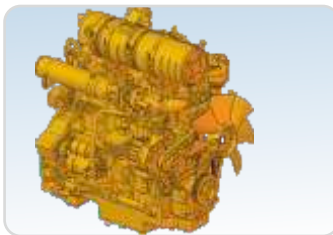
Less FUEL Consumption

Technical Specifications

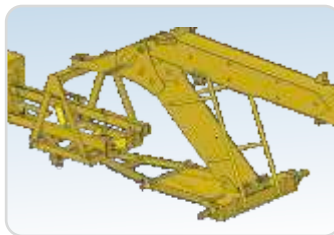
		12-42'	12-36'	12-29'
	ENGINE Model & Type	KOEL Make 49hp @ 2200 RPM CEV V Turbo Charged Four Cylinder Diesel Engine (4R810T) with water cooled & with ECU controlled engine management system		
	TRANSMISSION Type	Heavy duty transmission for crane application. Sliding mesh Spur teeth gearbox, eight forward and two reverse speeds with high and low selector		
	Speed (Top)	33 kmph		
	Creep Speed	0.65 kmph		
	Clutch	Single plate, heavy duty dry friction type clutch plate especially designed for crane application		
	STEERING Type	Articulated power steering, hydraulically controlled through two double acting hydraulic cylinders		
	Articulation	upto 53°		
	Turning Radius	6.6 m		
	OPERATING TIMING			
	Steering (lock to lock)	09-11 Secs	09-11 Secs	09-11 Secs
	Boom Raising	18-20 Secs	18-20 Secs	18-20 Secs
	Boom Lowering	13-15 Secs	13-15 Secs	13-15 Secs
	Telescoping Extension in	16-18 Secs	15-18 Secs	05-07 Secs
	Telescoping Extension out	21-23 Secs	19-21 Secs	09-11 Secs
	Hoist Line Speed	55 m/min. (Single Line)	55 m/min. (Single Line)	55 m/min. (Single Line)
	BRAKES			
	Front wheel	Fully air operated 'S' cam dual circuit brakes		
	Rear wheel	Mechanical disc brakes, actuated through pneumatic brake chamber		
	Parking	Air operated fail safe brakes on front wheels		
	TRACKS			
	Front	2080 mm (center of twin wheels)		
	Rear	1630 mm (center of wheels)		
	TYRES			
	Front	11.00x20 - 16 PR (4 Nos.)		
	Rear	13.00x24 - 12 PR (2 Nos.)		
	Wheel Base	4.3 m		
	BOOM			
	Telescoping	3 Part boom box type actuated by hydraulic cylinders	2 Part boom box type hydraulic operated	
	Derricking	Through two double acting cylinders		
	Luffing Range	-3° to +67°		
	HOIST MECHANISM Hoist	Hydraulically operated with four falls rope built in fail safe brake		
	HYDRAULIC SYSTEM			
	Pump	Vane/Gear type hydraulic pump		
	Control Valve	4 Spool control valve with built in pressure relief valve for trouble free operation		
	Hydraulic Filter	Suction line has a 100 mesh inline strainer while return line has 25 micron full flow filter		
	ELECTRICAL SYSTEM Type	12V Single battery negative earth		
	CAPACITY			
	Fuel	65 Litres		
	Hydraulic	124 Litres		
	Engine oil	11 Litres		
	Coolant (50:50)	11.5 Litres		
	Gear oil	45 Litres		
	OPERATING WEIGHT	9410 Kgs		



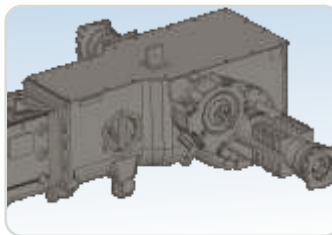
8+2 gear transmission for versatile operations



Powerful KOEL make CEV V turbo charged four cylinder engine



Heavy Duty Structure for Long term Reliability



Robust 100 HP heavy-duty transmission for high power and durability



Double Step Cabin entry foot step for ease in entry cabin.



Front and rear canopy work lamps for improved visibility and ease of operation



Compact Crane - Smart Lifting Solution for Tight Spaces and Industrial Environments



Heavy Duty Snatch Block for proper winding & unwinding of wire rope.



Best-in-class cabin space offering enhanced visibility and easy access



Protected air tank and steering cylinder with safety guard



Luffing angle range: -3° to +67° for better safety and stability



Heavy Duty Winch with 6 fall steel wire rope



Digital cluster for better operational control



Battery isolation cutoff switch ensures electrical circuit safety



Regeneration & Inhibit switches with protective safety caps

Features

Safety

- Overload audio warning system
- Safety brakes on hoist
- Cylinder guard for protection
- Counter balance valve on lift cylinder

Standard Accessories

- Air brakes (Fail Safe)
- Heavy duty winch - Six falls rope
- All weather cabin
- Reflectors
- Turn & reverse lamp
- Rear view mirror
- Tool kit
- Steering Cylinder Guard
- Lift cylinder guard
- Front bumper
- Tool box
- Mobile Charger
- Battery isolation cutoff switch

Optional Features/Accessories

- Steering wheel
- Extra hooks
- Man carrying basket
- Fire extinguisher
- Over hoist warning system
- Safe load indicator with hydraulic cutoff
- Front outriggers

Load Chart of Indo Power 12-42'

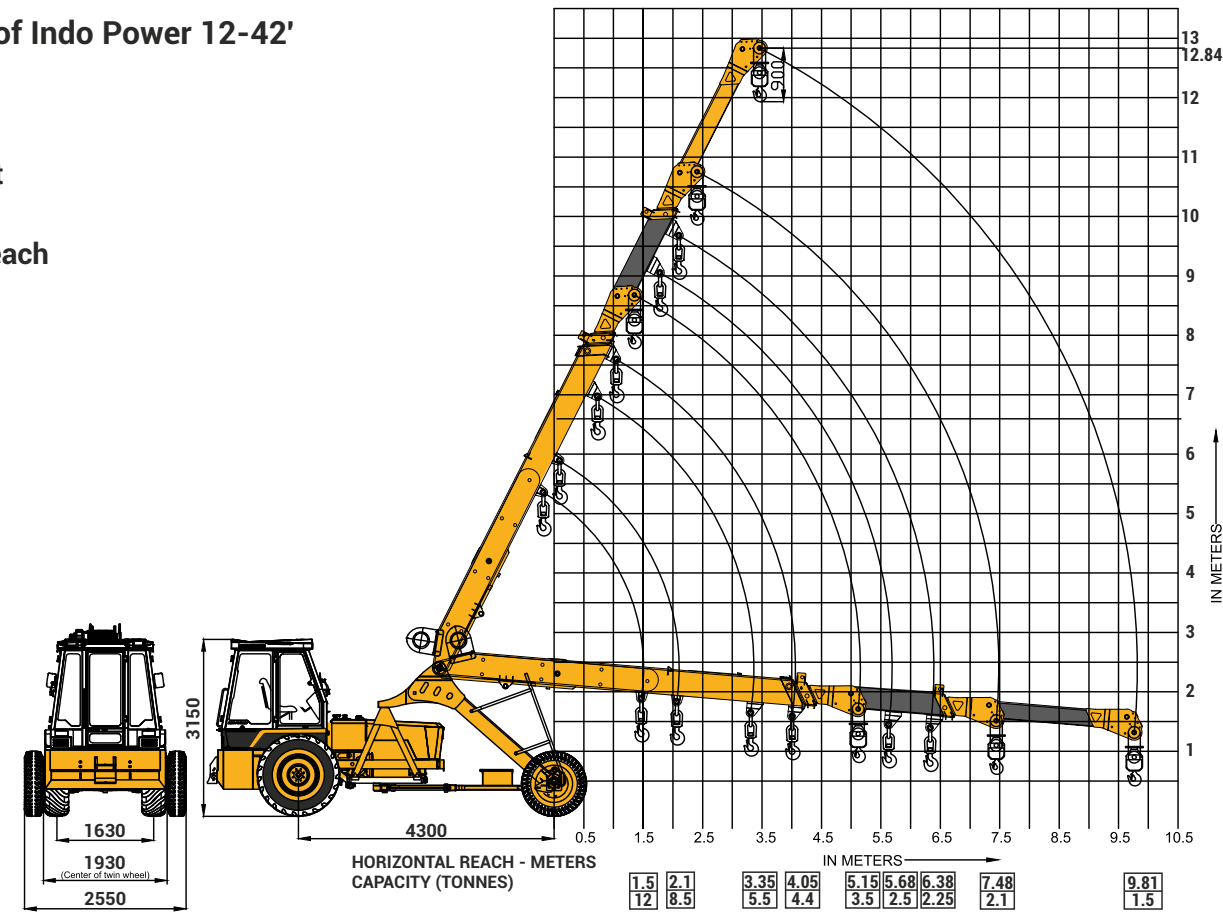
12T-42'

Boom Height

12.84 m

Horizontal reach

9.81 m



Load Chart of Indo Power 12-36'

12T-36'

Boom Height

11.17 m

Horizontal reach

7.91 m

