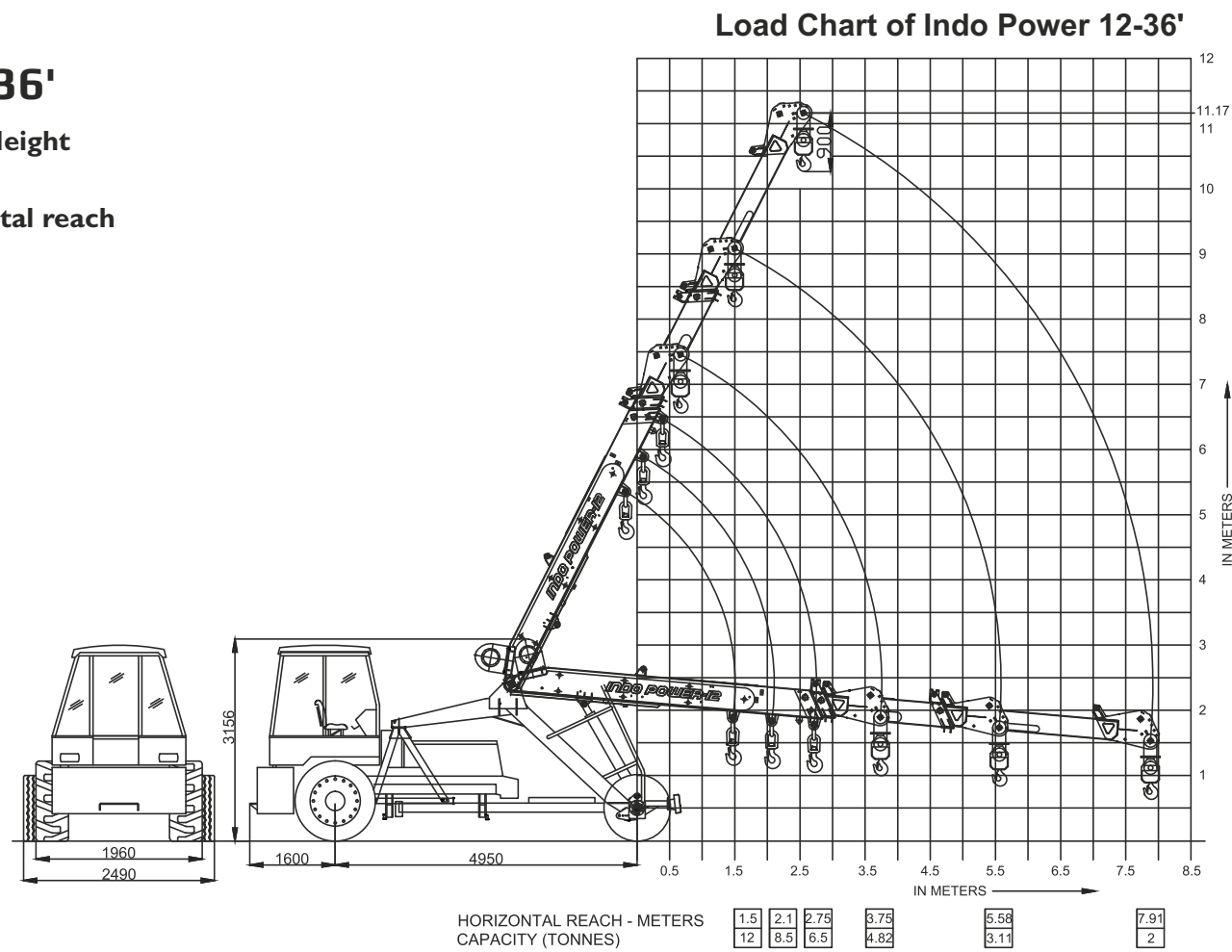


## 12T-36'

**Boom Height**  
11.17 m

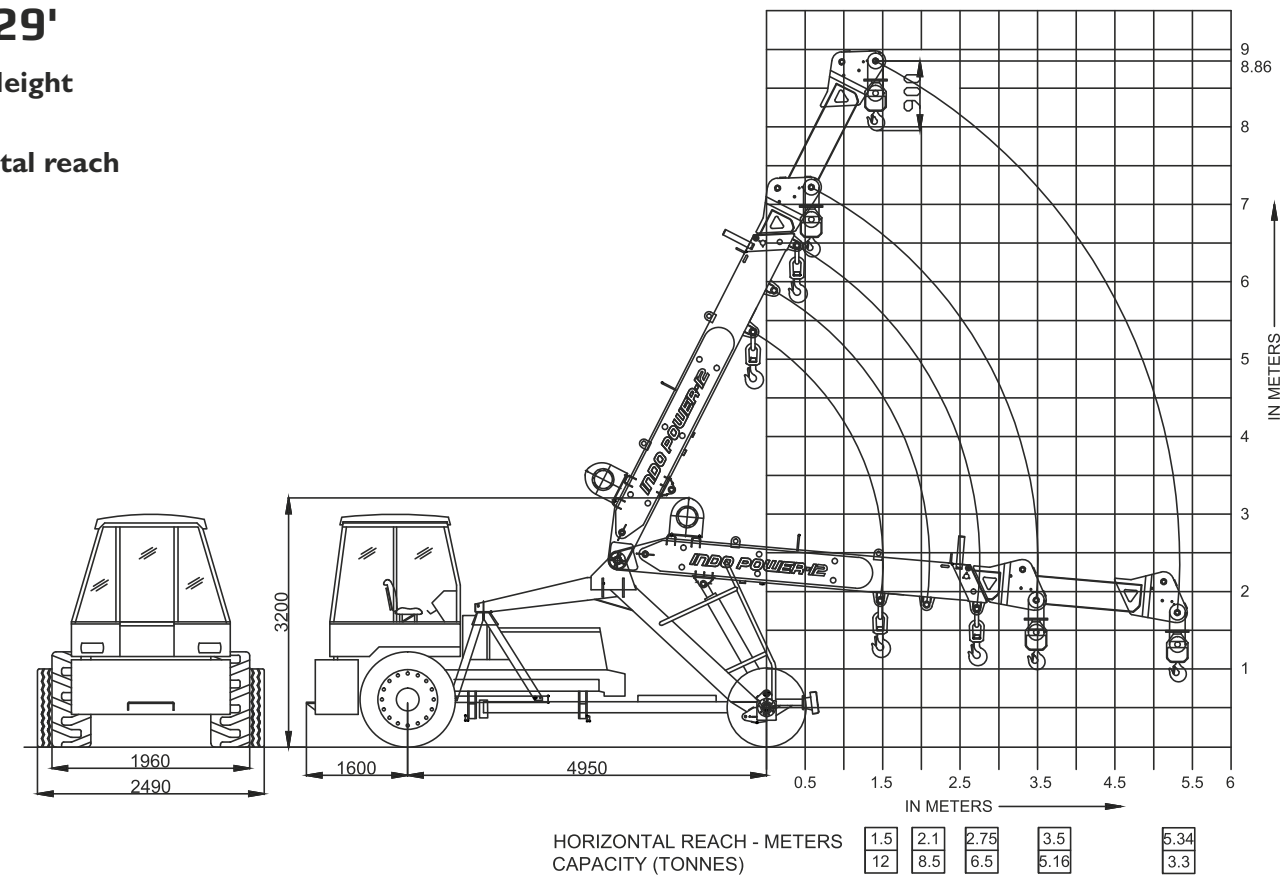
**Horizontal reach**  
7.91 m



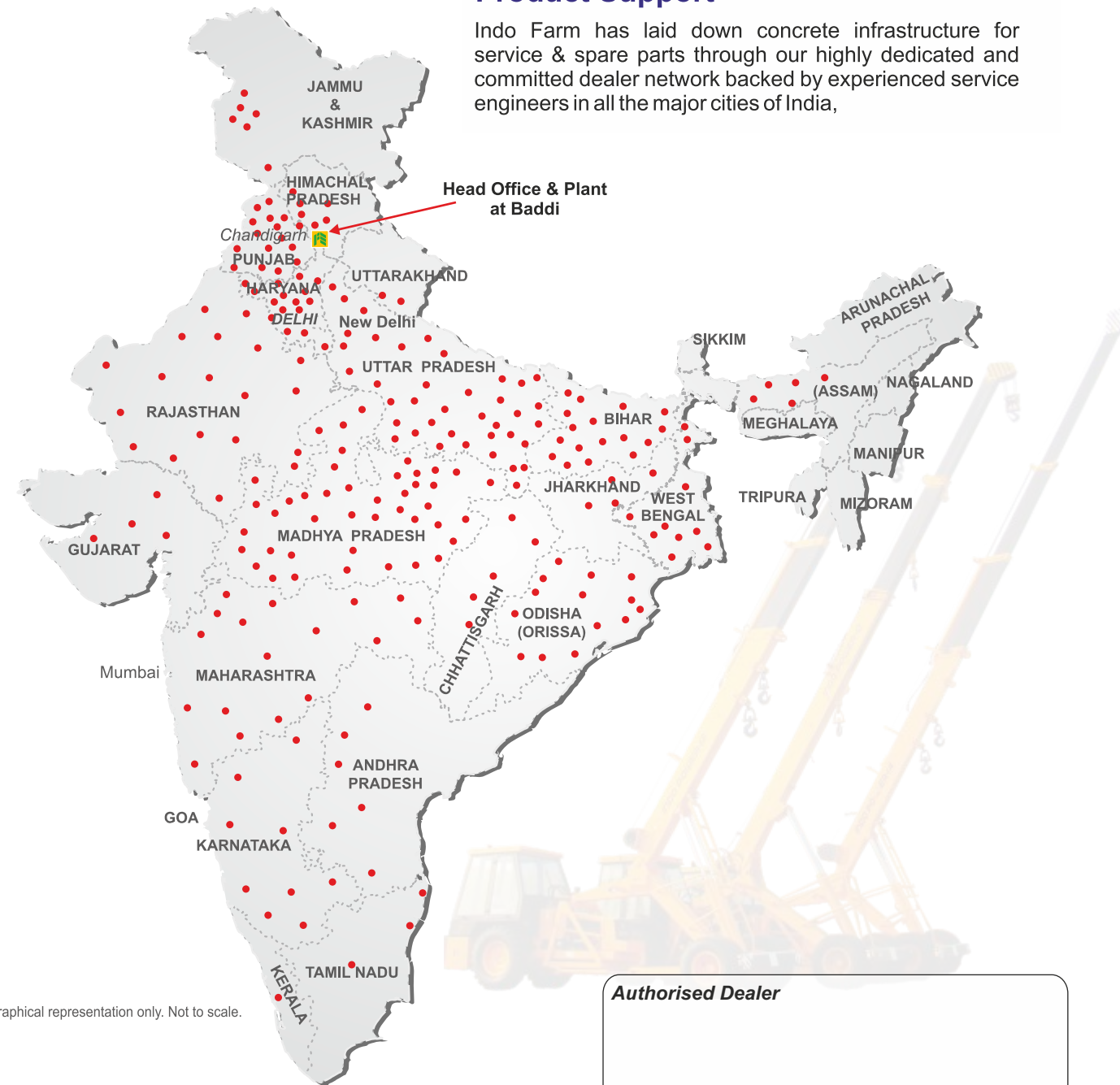
## 12T-29'

**Boom Height**  
8.86 m

**Horizontal reach**  
5.34 m



## All India Network



**INDO FARM**  
EQUIPMENT LIMITED  
An ISO 9001:2008 Certified Company



**Head Office & Plant:**  
Export Promotion Industrial Park, Phase-II,  
Baddi-173 205, Distt. Solan, H.P. (India)  
Tel. : +91-78329-25002, Fax : +91-1795-274308-309  
Email : mail@indofarm.in, Website : www.indofarm.in

**Registered Office:**  
SCO 859, NAC Manimajra, Chandigarh-Kalka Road,  
Chandigarh - 160 101  
Tel. : +91-172-2730060, 2730059  
Fax: +91-172-2734913

## Product Range



## Product Support

Indo Farm has laid down concrete infrastructure for service & spare parts through our highly dedicated and committed dealer network backed by experienced service engineers in all the major cities of India,

# INDO POWER-12 AV

## THE SYMBOL OF STRENGTH

## 12T-42', 36' & 29'

Pick 'N' Carry Hydraulic Mobile Crane

**Load Capacity**  
12 T

**Boom Height**  
12.84 m, 11.17 m, 8.86 m

**Horizontal reach**  
9.79 m, 7.91 m, 5.34 m

**Engine Power**  
50 hp@2200 rpm





Technical Specifications

	Indo Power 12-42'	Indo Power 12-36'	Indo Power 12-29'
ENGINE Model & Type	Indo Farm - 3052 DI; Three Cylinder, Water Cooled Diesel Engine Rated power 50 hp max @2200 rpm.		
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)	30 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	6.5 m		
OPERATINGTIMING Steering (lock to lock)	9-11 Secs	9-11 Secs	9-11 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)		
BRAKES Front wheel	Pneumatically assisted hydraulic drum brakes.		
Rear wheel	Mechanical disc brakes, actuated through slave cylinders.		
Parking	Mechanically actuated at rear wheels.		
TRACKS Front	1930 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.)		
BOOM Telescoping	3 part, box type hydraulically operated.		2 part, box type hydraulically operated.
Derricking	Through two double acting cylinders.		
HOIST MECHANISM Hoist	Four falls / Six falls with fail safe brake.		
HYDRAULIC SYSTEM Pump	Vane 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	60 Litres		60 Litres
Hydraulic	120 Litre		100 Litre
Engine oil	7.5 Litres		7.5 Litres
Gear oil	45 Litres		45 Litres
OPERATING WEIGHT	8950 Kg	8750 Kg	8410 Kg

Features

- Safety
  - Overload audio warning system
  - Safety brakes on hoist
  - Cylinder guard for protection
  - Counter balance valve on lift cylinder
- StandardAccessories
  - All weather cabin
  - Reflectors
  - Turn & reverse lamp
  - Rear view mirror
  - Tool kit
  - Steering Cylinder Guard
  - Lift cylinder guard
  - Front bumper
  - Tool box
- Optional Features/Accessories
  - Air brakes (Fail Safe)
  - Heavy duty winch - Six falls rope
  - Steering wheel
  - Extra hooks
  - Man carrying basket
  - Fire extinguisher
  - Over hoist warning system
  - Safe load indicator with hydraulic cutoff



12T-42'

Boom Height  
12.84 m

Horizontal reach  
9.79 m



Straight Rear Axle



Heavy Duty Main Frame



Heavy Duty Winch



High Ground Clearance



Full Length Chassis



Minimum Turning Radius



Air Brakes

Load Chart of Indo Power 12-42'

