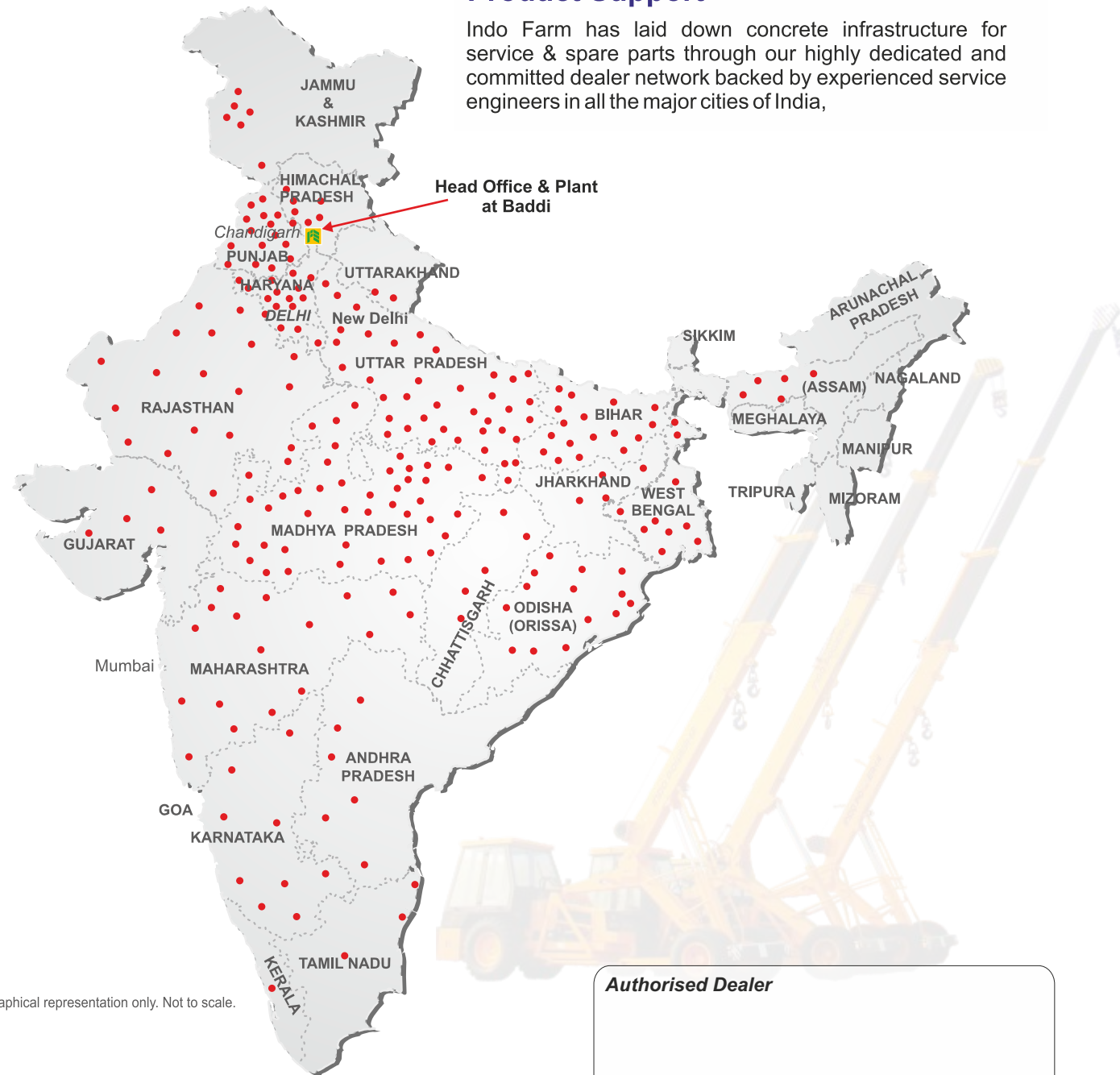


All India Network

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,



*Map for graphical representation only. Not to scale.

INDO FARM
EQUIPMENT LIMITED
An ISO 9001:2008 Certified Company



Head Office & Plant:
Export Promotion Industrial Park, Phase-II,
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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



INDO POWER-20

THE SYMBOL OF STRENGTH

20T-65'

Pick 'N' Carry Hydraulic Mobile Crane

Load Capacity
20 T

Boom Height
19.81 m

Horizontal reach
17.16 m

Engine Power
60 hp@2200 rpm



Technical Specifications

ENGINE	
Model & Type	Indo Farm Four Cylinder DI, Water Cooled Diesel Engine Rated power 60 hp / 70 hp max @2200 rpm.
TRANSMISSION	
Type	Indo Farm 3090 DI Heavy duty transmission with oil immersed brakes 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
Boom Raising	18-20 Secs
Boom Lowering	13-15 Secs
Telescoping Extension in	17-20 Secs
Telescoping Extension out	34-37 Secs
Hoist Line Speed	55 m/min. (Single Line)
BRAKES	
Front wheel	Fully air operated 'S' cam dual circuit brakes.
Rear wheel	Mechanical wet 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	12.00x20 - 18 PR (4 Nos.)
Rear	14.00x25 - 20 PR (2 Nos.)
BOOM	
Telescoping	4 part, 2nd & 3rd parts are actuated by hydraulic cylinders and 4th part by hydraulic assisted rope.
Derricking	Through two double acting cylinders.
HOIST MECHANISM	
Hoist	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
Hydraulic	140 Litres
Engine oil	12 Litres
Gear oil	45 Litres
OPERATING WEIGHT	
13750 Kg	

20T-65' (2WD)

Boom Height

19.81 m

Horizontal reach

16.98 m

Features

Safety

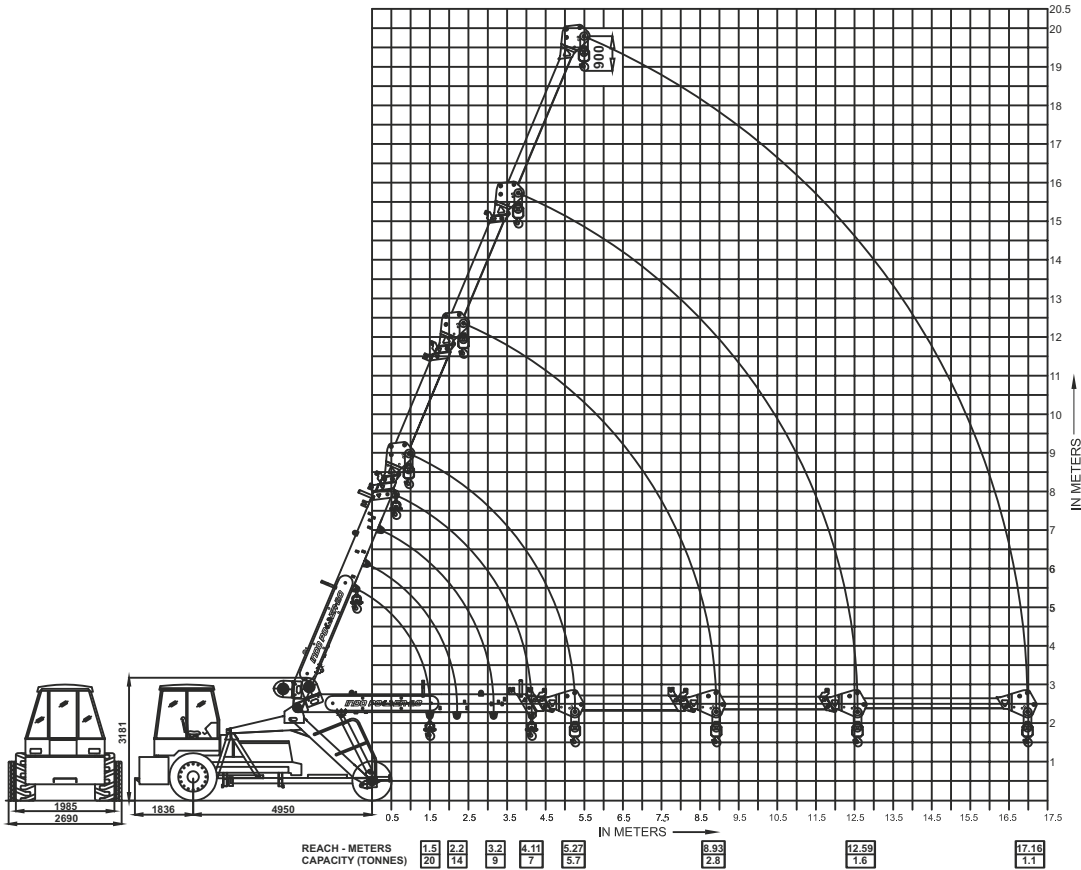
- Overload audio warning system
- Safety brakes on hoist
- Cylinder guard for protection
- Counter balance valve on lift cylinder

Standard Accessories

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

Optional Features/Accessories

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



Features

- 4-Part telescopic boom.
- Aesthetically design spacious cabin with ergonomic controls for ease of operation and visibility.
- Robust chassis for more reliability.
- Articulated power steering, Hydraulically controlled through two double acting hydraulic rams to ensure proper steering even in loose, sandy & rocky terrains.
- Heavy duty transmission.
- Top traveling speed of 30 kmph for faster inter-site movements.
- Heavy duty hydraulic winch with integrated safety brakes.
- High ground clearance.



Straight Rear Axle



Heavy Duty Main Frame



Heavy Duty Winch



High Ground Clearance



Full Length Chassis



Minimum Turning Radius



Air Brakes