

PIXEF™

Pick'n'Carry is now Safe'n'Easy

A VERSATILE PICK 'N' CARRY
CRANE FROM TIL

EPITOMIZING SAFETY,
PRODUCTIVITY, SUPERIOR
TECHNOLOGY AND PERFORMANCE.



A unique 15T multitasking hydraulic mobile crane for slew, pick 'n' carry & carry deck applications. This gen-next crane is a true game changer in the pick and carry crane segment - ideal for rental, construction, mining, shipping, oil refineries, heavy industries and engineering sectors.

TIL Tractors India



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Over the years, TIL has become a name you can rely on for innovation, manufacturing prowess and superior technology. While striving for versatility and excellence in the field of heavy machinery. TIL lays immense stress on the aspects of safety and simplicity. Therefore, the compact yet powerful PIXEF's hassle-free operations will make sure that you remain safe and sound.



RUBBER DUTY

Pick & Carry - Boom over front - 5 km/hr

Radius (in Meters)	Main Boom Length (in Meters)		
	6.0	6.0 - 9.5	9.5 - 13.0
3.0	10.0		
3.5	7.7	7.5 a	
4.0	6.5	6.0	6.0 b
4.5	5.5	5.0	5.0
5.0	4.5	4.3	4.3
6.0		3.5	3.5
7.0		2.9	2.9
8.0		2.4	2.4
9.0			2.0
10.0			1.7
11.0			1.4
12.0			1.2

a = 7.3m, b = 10.0m

Stationary - 80° slew over front

Radius (in Meters)	Main Boom Length (in Meters)		
	6.0	6.0 - 9.5	9.5 - 13.0
3.0	7.5		
3.5	5.5	5.5 a	
4.0	4.6	4.5	4.3 b
4.5	4.0	3.7	3.7
5.0	3.4	3.2	3.2
6.0		2.5	2.5
7.0		2.0	2.0
8.0		1.6	1.6
9.0			1.3
10.0			1.1
11.0			0.9
12.0			0.7

a = 7.3m, b = 10.0m

Pick & Carry – Boom over front – 5 km/hr

Radius (in Meters)	Main Boom Length (in Meters)
	6.0
3.0	10.0*

* Marked duties to be performed with fixed hook on boom base.

CARRY-ON-DECK DUTY

Fully Extended Outrigger with Jack Down

Radius (in Meters)	Main Boom Length (in Meters)
	6.0 - 13.0
4.0	4.0

Note :

1. Loading for carry-on-deck, superstructure can be slewed max. up to 360° keeping outriggers extended and jack down.
2. For carry-on-deck operation, the boom should be positioned in a manner so as to place the load and position it closer to the front of the deck.
3. With any load placed on deck (up to max. 4Te), no other lifting duties of boom is allowed apart from the carry-on-deck duty conditions.
4. Speed of travelling with load on deck is limited within 15 kmph.
5. Recommended tyre pressure, 8.08 kg/cm² (115 psi) for rubber duties. Damaged tyres are hazardous to safe operation of crane.

Features:

- Multifunctional Crane with Microprocessor Controlled Safety System
- Minimum Front & Rear Boom Overhang
- Unique Carry on Deck Feature with 360° Non-continuous Slew
- Wide Front Screen for Driver's Visibility
- Excellent Pick & Move Capacity
- 180° Loading / Unloading on Outriggers
- Automotive Steering
- Full Powered Synchronized Boom with 15 m. Tip Height
- Power shift Torque Converter Transmission
- Rear View Camera
- BSIII (CEV) Compliant Engine
- Pan India Product Support



OUTRIGGER DUTY

Fully Extended Outriggers with Jack Down - 180° slew over front

Radius (in Meters)	Main Boom Length (in Meters)		
	6.0	6.0 - 9.5	9.5 - 13.0
3.0	8.0		
3.5	6.3	6.0 a	
4.0	5.2	5.2	5.0 b
4.5	4.3	4.0	4.0
5.0	3.8	3.6	3.6
6.0		2.7	2.7
7.0		2.0	2.0
8.0		1.6	1.6
9.0			1.3
10.0			1.0
11.0			0.8
12.0			0.7

a=7.3m, b=10.0m

Fully Extended Outriggers with Jack Down - 100° slew over front

Radius (in Meters)	Main Boom Length (in Meters)		
	6.0	6.0 - 9.5	9.5 - 13.0
3.0	10.0		
3.5	8.0	7.5 a	
4.0	6.5	6.0	6.0 b
4.5	5.5	5.2	5.2
5.0	4.5	4.3	4.2
6.0		3.3	3.3
7.0		2.7	2.7
8.0		2.3	2.3
9.0			2.0
10.0			1.7
11.0			1.4
12.0			1.1

a=7.3m, b=10.0m

Retracted Outriggers and Jack Down - 80° slew over front

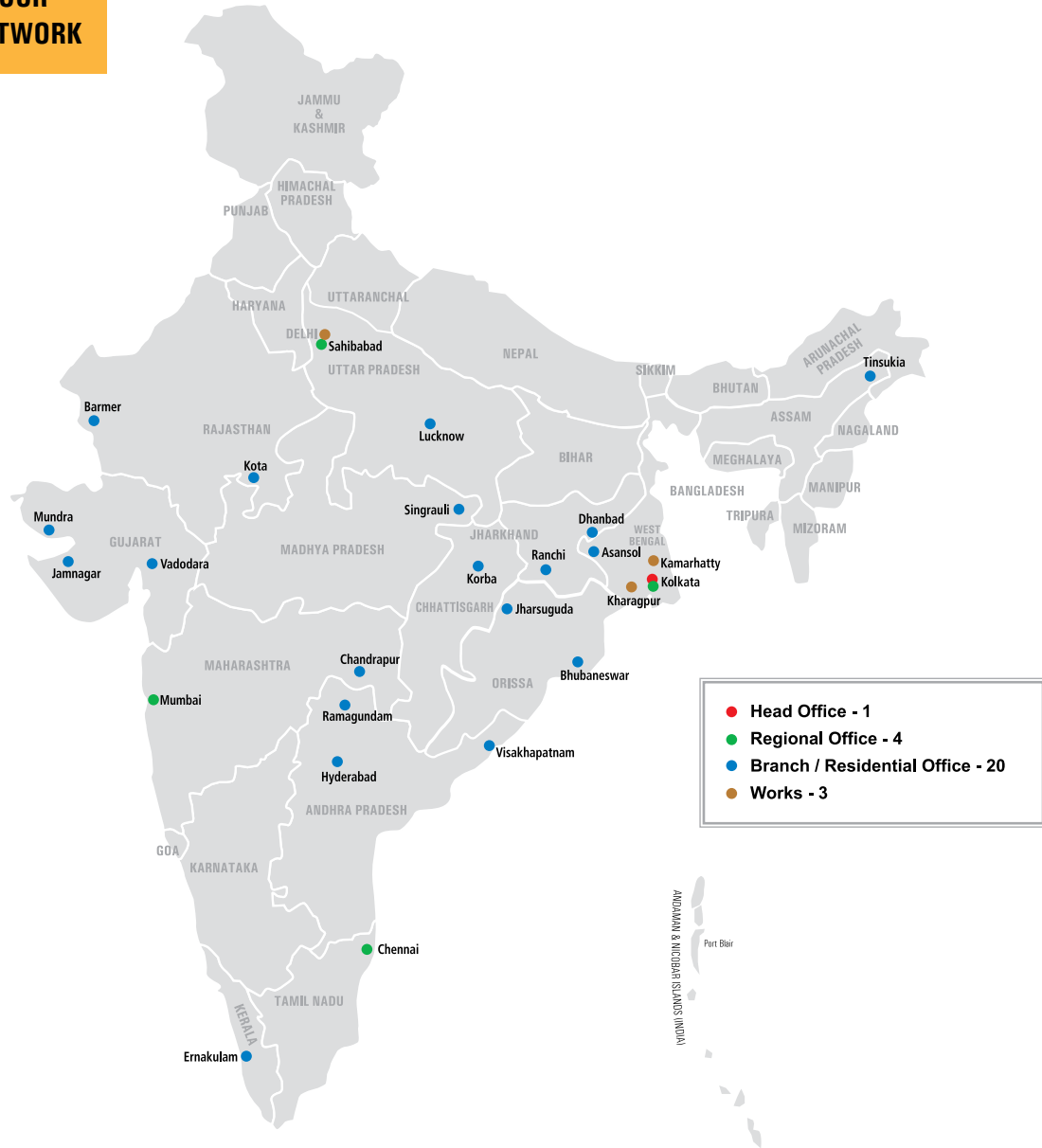
Radius (in Meters)	Main Boom Length (in Meters)		
	6.0	6.0 - 9.5	9.5 - 13.0
3.0	10.0		
3.5	7.5	7.0 a	
4.0	6.0	5.5	5.5 b
4.5	4.8	4.5	4.5
5.0	3.8	3.5	3.5
6.0		2.6	2.6
7.0		2.0	2.0
8.0		1.5	1.5
9.0			1.2
10.0			1.0
11.0			0.8
12.0			0.7

Fully Extended Outriggers and Jack Down - 80° slew over front

Radius (in Meters)	Main Boom Length (in Meters)
	6.0
2.5	15.0*
3.0	12.5*

* marked duties to be performed with fixed hook on boom base

OUR NETWORK



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