

XE140i K HD

HYDRAULIC EXCAVATOR

ENGINE POWER	- 102 hp
ENGINE MAKE	- Cummins (India)
OPERATING WEIGHT	- 13700 kg
BUCKET CAPACITY	- 0.60 - 0.72 cu.m



XE140i K HD

HYDRAULIC EXCAVATOR



EFFICIENT & ECONOMICAL

- ◆ Powerful Cummins Engine ensure optimum power
- ◆ Low fuel Consumption & High Reliability

ROBUST STRUCTURE

- ◆ Reinforced Boom, Arm & Bucket suitable for Indian conditions
- ◆ Bucket link Single piece Casted for long life
- ◆ Large capacity wear resistance HD buckets

INTELLIGENT HYDRAULICS

- ◆ Intelligent control system saves additional Fuel & ensures Higher Productivity
- ◆ Globally acclaimed Hydraulic - Higher Life

EASY SERVICEABILITY

- ◆ All Maintenance points are accessible from Ground level
- ◆ Components layout ensure fast routine inspections

STRONG UNDERCARRIAGE

- ◆ Robust X frame undercarriage with additional reinforcement
- ◆ High wear Resistance Sprocket, Idler, Rollers, track chain reduce cost

COMFORTABLE OPERATOR CABIN

- ◆ All Around 360 degree visibility
- ◆ Spacious HVAC, less noise cabin with FM Radio
- ◆ Integrated 7" instrument Cluster

SPECIFICATION

XE140i K HD

ENGINE

Model	Cummins B3.9
Type	4 Cyl. Turbocharged
Rated Power	102 HP @ 2200rpm
Max Torque	385Nm @ 1300rpm
Batteries	12V x 2
Displacement	3.9 L

HYDRAULIC SYSTEM

Main Pumps	2 Variable Displacement Axial Piston Pumps
Max Flow	2 x 126 lpm
Pilot Pump	1 Gear Pump
Swing Speed	12.3 rpm

RELIEF VALVE SETTINGS

Main Safety Valve Pressure	31.4/34.3 MPa
Swing System Pressure	25 MPa
Travel System Pressure	34.4 MPa
Pilot System Pressure	3.9 MPa

UNDERCARRIAGE

Max Travel Speed	5.16 km/hr
Max traction Force	134 kN
Gradeability	35 degree
No of Upper Roller/Side	1
No of Lower Roller/Side	7
No of track Shoes/Side	45

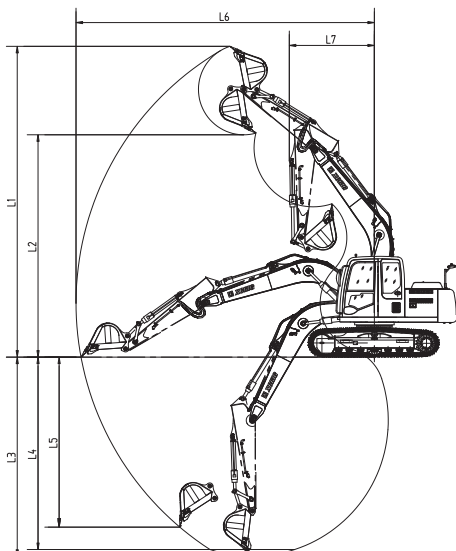
OPERATOR CABIN

HVAC	STD
Front Mesh Guard	OPT

REFILL CAPACITIES

Fuel Tank	250L
Engine Coolant	16L
Engine Oil	14L
Travel device(Per side)	2.1L
Swing Device	2.4L
Hydraulic Tank	130L
Hydraulic System	180L

WORKING RANGE



BUCKET SELECTION GUIDE

Capacity ISO heaped	Width (mm)	Teeth	Weight (kg)	Recommendation XE140i Arm length (mm)
0.72m³ (GP)	1182	5	539	2100
0.6m³ (HD)	1112	5	530	2100

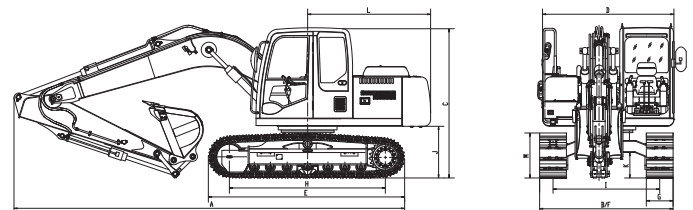
WORKING RANGE

Working Range (unit: mm)		BOOM ARM	4600 2100
L1	Max. Digging Height		8440
L2	Max. Dumping Height		6011
L3	Max. Digging Depth		5126
L4	Maximum depth cut (8 ft) level bottom		4897
L5	Max. Vertical Dig Depth		4609
L6	Max. digging radius		7933
L7	Min. swing radius		2335

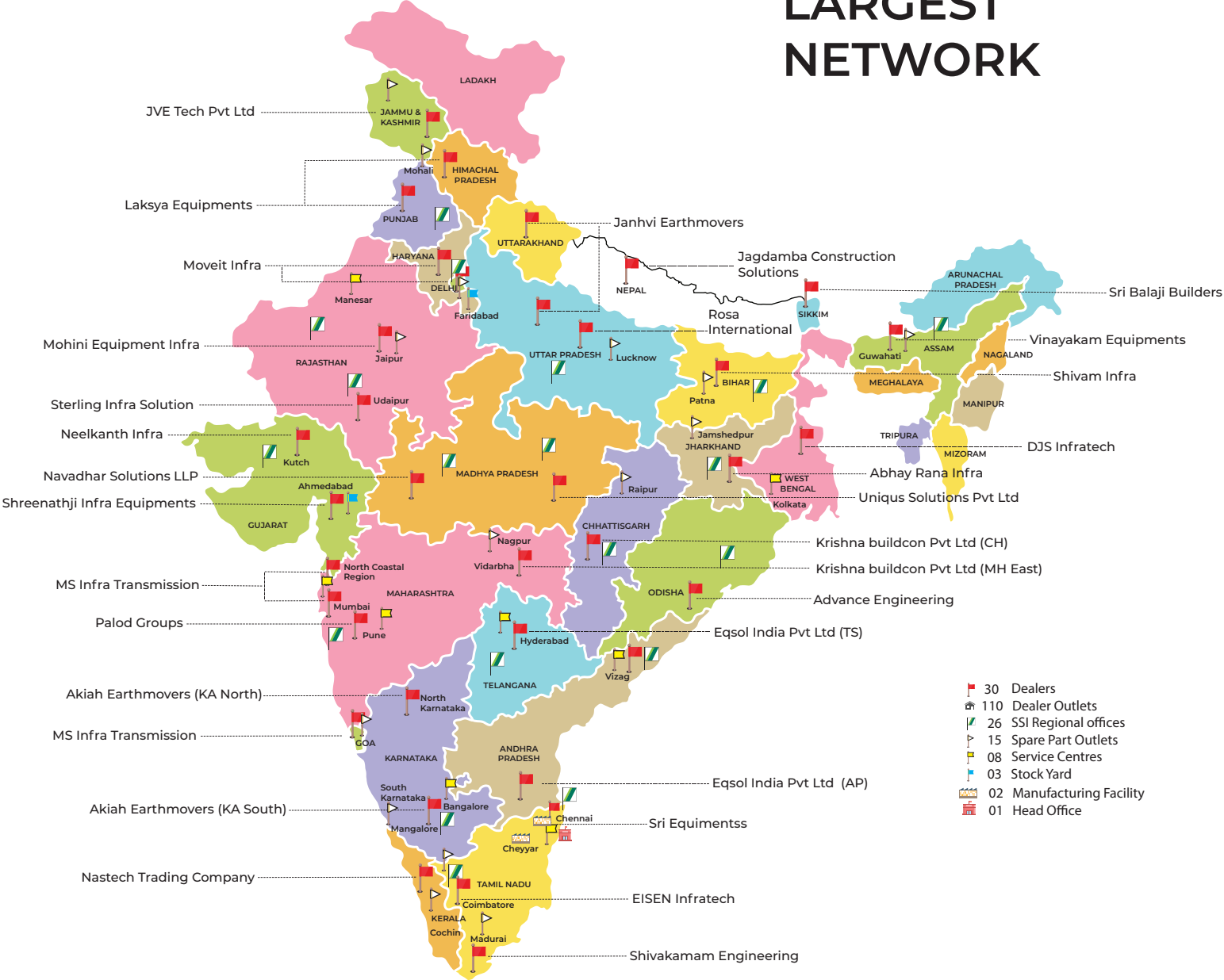
DIMENSION

(Unit:mm)		BOOM 4.6 m ARM 2.1 m
A	Overall Length	7770
B	Overall Width	2512
C	Overall Height	2880
D	Width of Platform	2512
E	Length of Crawler/Track	3660
F	Overall Width of Crawler	2512
G	Track Shoe Width	500
H	Tumbler Distance	2910
I	Track Gauge	1990
J	Ground Clearance of Counterweight	964
K	Min. Ground Clearance	478
L	Min. Tail Swing Radius	2294
M	Height of Track	838

DIMENSION



LARGEST NETWORK



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