

LOADMAX II **BSIV**

SUPERIOR PRODUCTIVITY
RELIABLE PERFORMANCE



Fuel
Efficient



Reach
Higher



Breakout Force
Higher



Maintenance Cost
Low



Cycle Time
Fast

SPECIFICATIONS



ENGINE

- Proven, powerful and fuel efficient Escorts E4.346CR water cooled turbo charged diesel engine
- Gross power: 55 kw (74.5 HP) @ 2000 RPM
- Max Torque (Gross): 340Nm @ 1400 RPM
- Meets CEV-IV emission norms



HYDRAULIC

- Hydraulic pump - Tandem Gear pump
- Maximum flow (both pumps) 116 lpm @ 2000 RPM
- System main relief setting 225 bar
- Fixed flow, open centre two pump unloading energy efficient hydraulic system



TRANSMISSION

- Four speed (4F, 4R gear) Syncro shift reversing shuttle transmission provides superior traction, gradeability, higher force while entering pile or during dozing operation
- Neutral start provision prevents starting while shuttle is engaged
- Gear lever with transmission disconnect switch adds to the overall ease of gear shifting



TYRES

- Front (Std-2WD) 9.00 x 16 -16PR
- Front (Std-4WD) 12.50/80x18 -12PR
- Rear (Std) 16.9 x 28 - 12PR (Industrial)



TRAVEL SPEED

- | | F/R gear |
|------------------------|----------------------------|
| • 1 st Gear | 5.3 kmph/ 4.6 kmph |
| • 2 nd Gear | 8.5 kmph/ 7.0 kmph |
| • 3 rd Gear | 18.2 kmph/ Not recommended |
| • 4 th Gear | 36.6 kmph/ Not recommended |



BRAKES

- Service brakes Hydraulically actuated dual line, self adjusting, oil immersed, multi disc type on rear axle
- Parking brakes Hand-operated caliper disc brakes



AXLES

- Front steer axle with 16° oscillation for maximum ground contact in undulated condition (2WD)
- Front drive & steer axle with 12° oscillation for maximum ground contact in undulated condition (4WD)
- Rear drive axle, rigidly mounted to chassis.



STEERING

- Hydrostatic power steering in front wheel
- Hydraulic supply from pump via priority valve for quick response steering
- Working pressure: 120 bar



WEIGHT

- Operating Weight 8600 kg



SERVICE REFILL CAPACITIES

- | | |
|------------------------|-------------|
| • Hydraulic system oil | 80 litres |
| • Fuel tank | 134 litres |
| • Engine coolant | 15 litres |
| • Engine oil | 11.5 litres |
| • Transmission oil | 16.5 litres |
| • Rear axle oil | 17.1 litres |
| • Brake reservoir oil | 1.0 litre |



EQUIPMENT MONITORING SYSTEM (OPTIONAL)

- GPS + GSM based equipment monitoring system is a standard fitment and provides sms alerts for effective equipment management and acts as a diagnostic tool



WARNING MESSAGE-SMS, ONLINE

- Engine Coolant Temperature
- Hydraulic Oil Temperature
- Transmission Oil Temperature
- Engine Oil Pressure
- Battery Charging Status
- Machine Idle information
- Fuel Level Information



OPTIONAL ACCESSORIES

- Heavy duty rear tyres: 14x25-20PR
- Multi Purpose (6-in-1) Bucket
- Coal Bucket - 1.5 Cum



KEY FEATURES

- Rugged Structure
- 4WD Optional
- Best in class productivity
- Easy Maintenance

PERFORMANCE DIMENSIONS

STATIC DIMENSION		
A :	Overall length (Transport mode)	6.18 m
A1 :	Overall length (Travel mode)	6.10 m
B :	Wheel base	2.14 m
C :	Rear wheel to Counter weight	1.63 m
D :	Minimum ground clearance	0.39 m
H :	Height to top of cab	2.88 m
J :	Track width - Rear	1.75 m
K :	Track width - Front	1.87 m
L :	Width over bucket	2.38 m
W :	Angle of departure	20 deg

LOADER PERFORMANCE		
M :	Dump height (Cutting edge)	3.00 m
N :	Load over height (Cutting edge)	3.51 m
O :	Pin height (Cutting edge)	3.70 m
P :	Pin forward reach	0.40 m
Q :	Reach of ground	1.54 m
R :	Max reach at full height	1.19 m
S :	Reach at full height - Bucket dumped	0.82 m
T :	Below ground level dig depth	0.13 m
U :	Rollback at ground	45 deg
V :	Dump angle	45 deg
	Bucket breakout force	6425 kgf
	Loader arm breakout force	5777 kgf
	Payload	1980 kg
	Return to Dig	Available
	Self Leveling	Available
	Loader Bucket Capacity	1.2 Cum

Figure 1

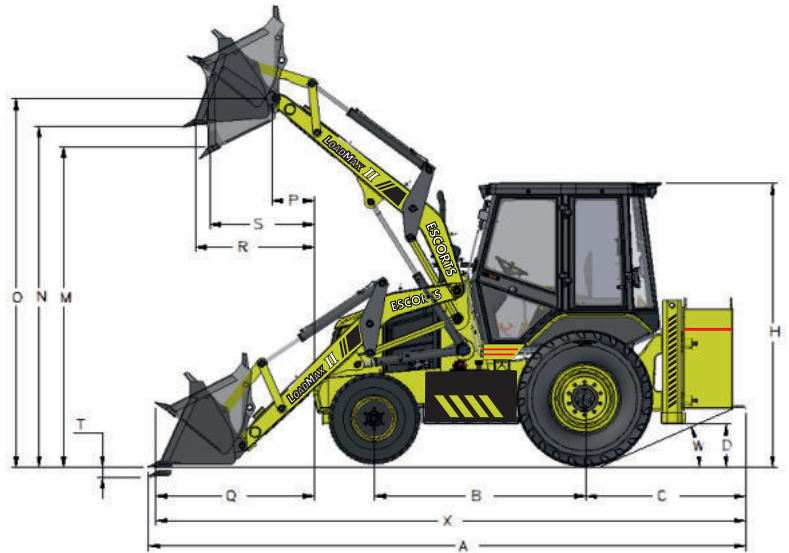


Figure 2



Figure 3



(NEW REFRESHING DESIGN)



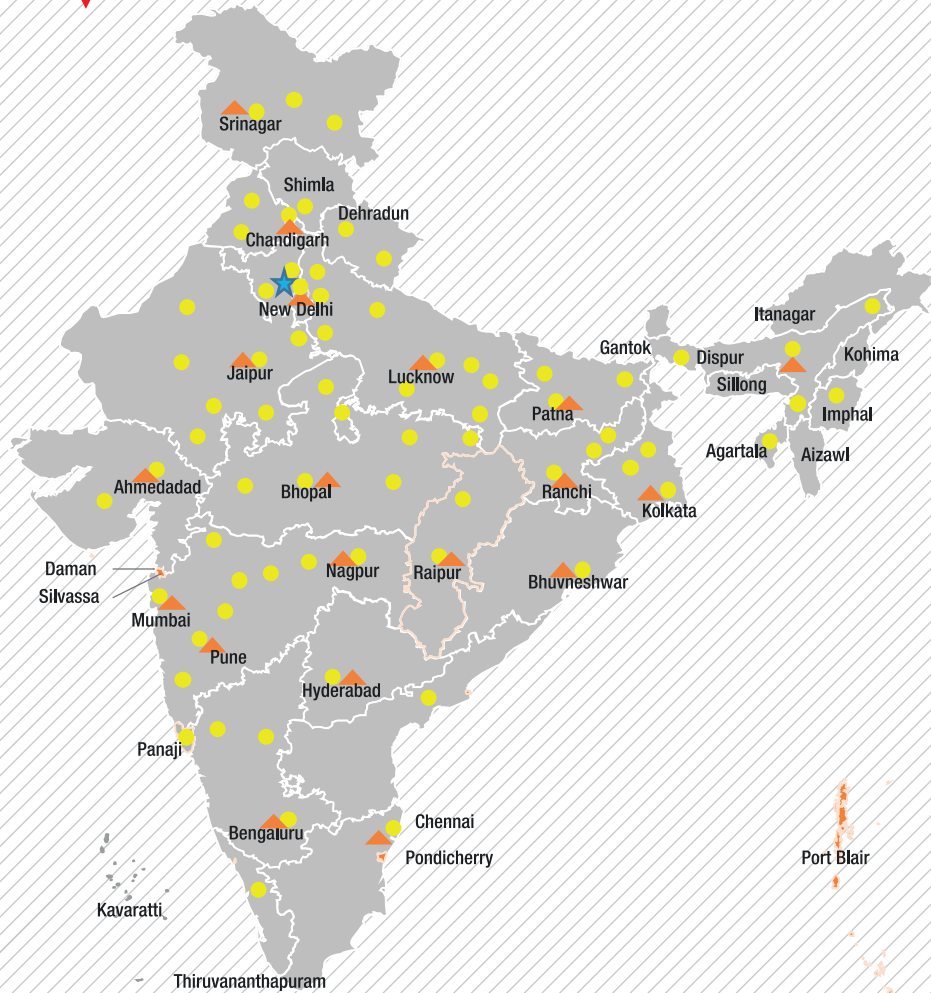
(6 IN 1 MPB OPTION)



Warning

All dimensions, weights, timings mentioned are with standard tyres, dipper, buckets & are variable within $\pm 5\%$ ECE has the right to change values given & design shown without giving a notification.

OUR REACH



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• The information contained in this leaflet is intended to be of a general nature only. • We reserve the right to changed specifications without notice. • All Dimensions and weights are variable within +/-5%.

(Accessories as shown in the picture may not be the part of standard firmment and are subject to change without prior notice.)