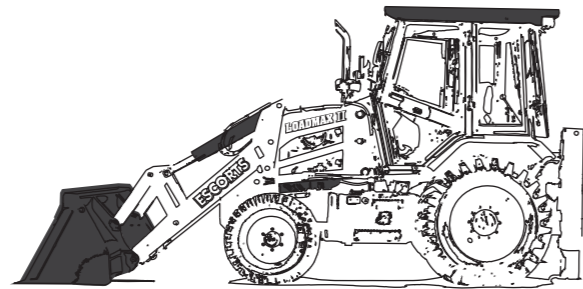








**ESCORTS**  
**CONSTRUCTION EQUIPMENT**

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# LOADMAX II

**Redefining  
the excellence  
of LOADMAX**

- Fuel efficient 
- Equipment Monitoring System 
- Low maintenance cost 
- Higher reach 



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**CONSTRUCTION EQUIPMENT**





# Meeting expectations with performance



Heavy Duty Transmission



Modular Valve Block



Rugged Rear Axle



Equipment Monitoring System



Hard Faced Bucket



Fuel efficient



Equipment Monitoring System



Low maintenance cost



Higher reach

# LOADMAX II



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PERFORMANCE DIMENSIONS (Figure 2)		
M : Dump height (Cutting edge)	3.00	m
N : Load over height (Cutting edge)	3.51	m
O : Pin height	3.70	m
P : Pin forward reach	0.43	m
Q : Reach at ground	1.57	m
R : Max reach at full height	1.22	m
S : Reach at full height-Bucket dumped	0.85	m
T : Below ground level dig depth	0.13	m
U : Rollback at ground	45	deg
V : Dump angle	45	deg
Bucket break-out force	6425	kgf
Loader arm break-out force	5777	kgf
Loader Bucket Capacity	1.2	Cum
Bucket Pay Load	1980	Kg
Lift capacity to max height (SAE J732 - w/o bucket fitted)	3045	Kg
Return to Dig	Available	
Self Leveling		

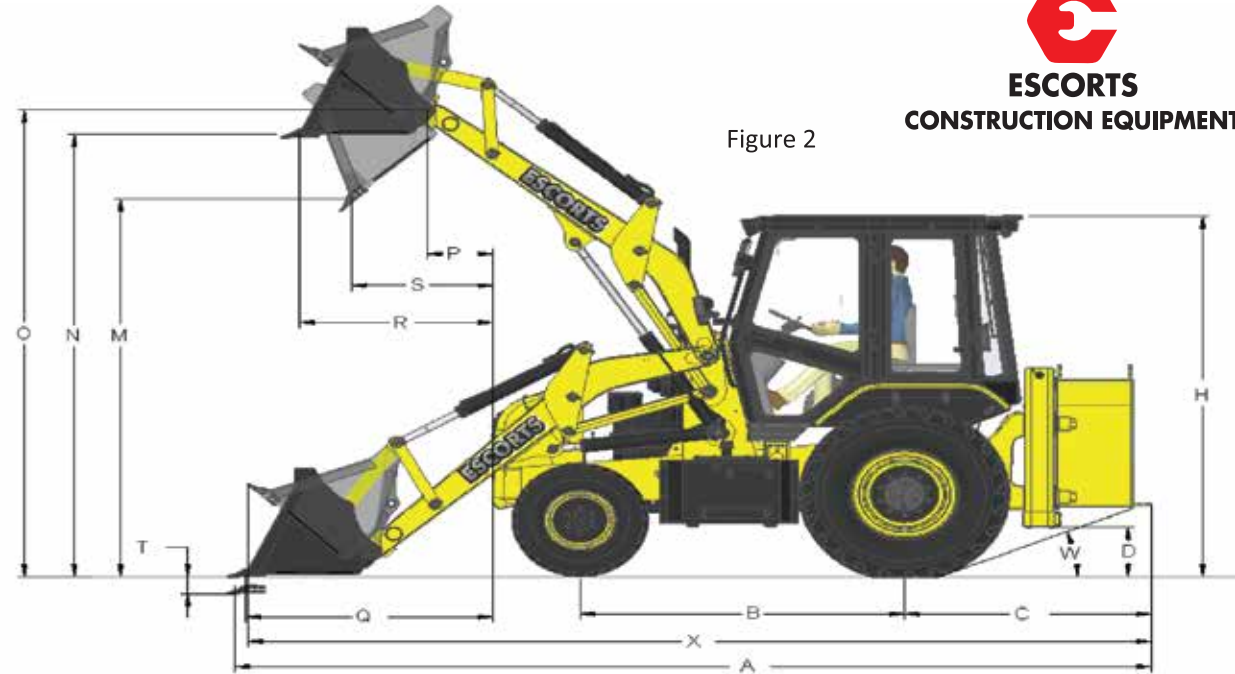


Figure 2

STATIC DIMENSIONS (Figure 1, 2 & 3)		
A : Overall length	6.10	m
B : Wheelbase	2.14	m
C : Rear wheel to Counterweight	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
X : Overall length ( travel mode)	6.18	m

Figure 1

Figure 3



**Warning**

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

# LOADMAX II

## Engine

- Proven, powerful and fuel efficient Kirloskar 4R1040TC, water cooled diesel engine
- Gross power: 56 kw (76 HP) at 2200 rpm
- Max Torque (Gross): 300Nm @ 1500 ± 100 rpm
- Meets Bharat stage- III (CEV) emission norms

## Hydraulics

- Hydraulic pump - Tandem Gear Pump
- Maximum flow (both pumps) 117.5 lpm @ 2200 rpm
- System main relief setting 225 bar
- Fixed pump, 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): 9.00 x 16 - 16PR
- Rear (Std): 16.9 x 28 - 12PR (Industrial)



## Travel Speed

- |            | F/ R gear                  |
|------------|----------------------------|
| • 1st Gear | 5.3 kmph /4.6 kmph         |
| • 2nd Gear | 8.5 kmph /7.0 kmph         |
| • 3rd Gear | 18.5 kmph /Not recommended |
| • 4th 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 deg oscillation for maximum ground contact in undulated condition
- 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 9000 Kg



## Service Refill Capacities

Hydraulic system oil	110 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 litres

## Equipment Monitoring System

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, Mail, Online

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

## Optional Attachments

- Front tyre : 12.5/80-18, 12PR
- Heavy duty rear tyres: 14x25-20 PR
- Coal Bucket - 1.5 cum
- Multi Purpose (6-in-1) Bucket
- Extra Power 90 HP Engine Loadmax II XP
  - A.C. Cabin
  - A.C. with heater cabin



**ESCORTS**  
**CONSTRUCTION EQUIPMENT**

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