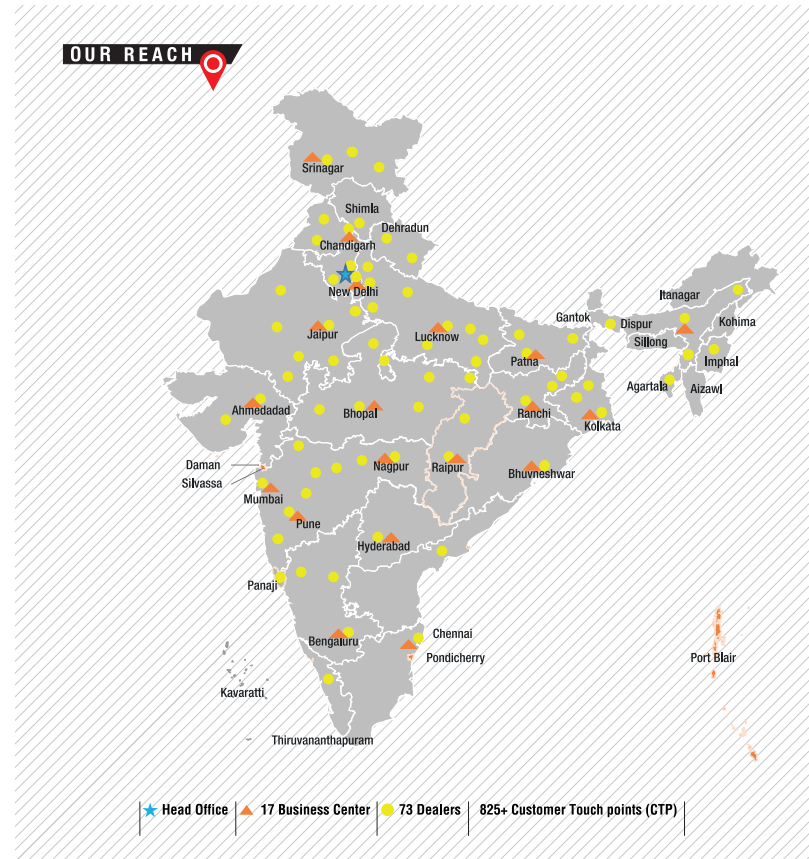


# DIGMAX SUPER



## ADDRESS:

**North Zone**  
**ESCORTS KUBOTA LTD. - CONSTRUCTION EQUIPMENT**  
4th Floor 409, Jasola Vihar,  
Elegance Tower, Near Apollo Metro Station,  
New Delhi – 110019

**East Zone**  
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**1800-180-4488**  
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MKT24.6/DIGMAX SUPER

## WHEN YOU NEED EXTRA DIGMAX SUPER

**6 PILLAR CABIN**  
**MORE SPACE & VISIBILITY**



Fuel  
**Efficient**



Reach  
**Higher**



Breakout Force  
**Higher**



Visibility  
**Higher**



Cycle Time  
**Fast**

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

•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%.

SPECIFICATIONS

**ENGINE**

- Proven, powerful and fuel efficient Escorts E4.346CRS4 water cooled turbo charged diesel engine.
- Gross power: 55 kw (74.5HP) @ 2000 RPM
- Max Torque (Gross): 340Nm @ 1400 ± 50 RPM
- CEV - IV emission norms

**HYDRAULICS**

- 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 when shuttle is engaged.
- Gear lever with transmission disconnect switch adds to the overall ease of gear shifting.

**WEIGHT**

- 2WD : 8190 Kg
- 4WD : 8350 Kg

**TRAVEL SPEED**

	F \ R gear
1 <sup>st</sup> Gear	5.3 km/h / 4.6 km/h
2 <sup>nd</sup> Gear	8.5 km/h / 7.0 km/h
3 <sup>rd</sup> Gear	18.2 km/h / Not recommended
4 <sup>th</sup> Gear	36.0 km/h / Not recommended

**NOTE**  
All dimensions, Weights, timings mentioned are with standard tyres. Dipper, Buckets are variable within ± 5% ECE has the right to change values given & design shown without giving a notification.

Technical modification reserved. All dimensions & weights are variable within ± 5% over indicated values.

**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**

- 2WD : Front steer axle with 16 deg oscillation for maximum ground contact in undulated condition
- 4WD : Front drive and steer axle with 12 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

**TYRES**

- Front : 2WD 9.00 x 16 – 16 PR  
4WD 12.5 x 80 – 12 PR
- Rear : 16 x 9 – 28 – 12 PR IDT

**SERVICE REFILL CAPACITIES**

Hydraulic system oil	80 l
Fuel tank	134 l
Engine coolant	15 l
Engine oil	11.5 l
Transmission oil	16.5 l
Rear axle oil	17.1 l
Brake reservoir oil	1.0 l

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

**OPTIONAL ATTACHMENTS**

- Heavy Duty Rear Tyres: 14x25-20 PR
- Rock Breaker
- Trenching Buckets - 0.09 m³, 0.12 m³, 0.18 m³
- Special Purpose Bucket - 0.30 m³
- Coal Bucket - 1.5 m³
- Multi Purpose (6-in-1) Bucket
- 300 mm Trench Bucket (Optical Fibre Cable Laying Application)

**ELECTRICAL**

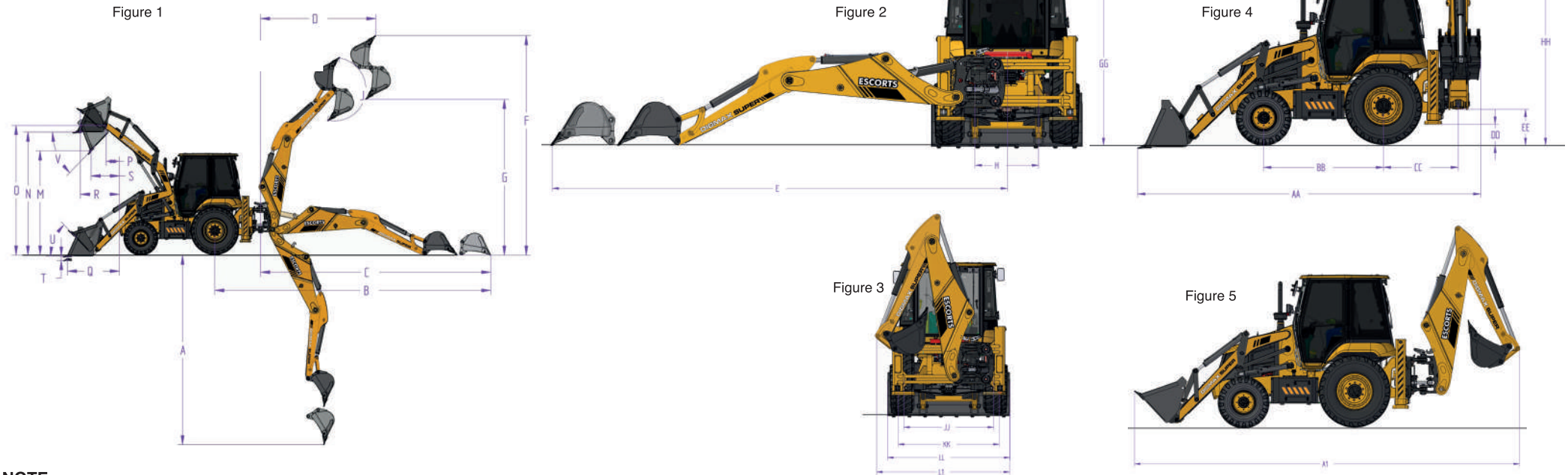
- 12V Electrical Sytem supported by 150AH maintenance free battery, 90 Amp alternator & safety controller starter motor to avoid over cranking
- Outrigger engagement warning for the safety of equipment
- FM radio & music system

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LOADER PERFORMANCE (Figure 1)			
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	0.43	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 breakout force		6425	kgf
Loader arm breakout force		5777	kgf
Payload		1980	kg
Return to Dig		Available	
Self levelling		Available	
Loader Bucket Capacity		1.2	m³

EXCAVATOR PERFORMANCE (Figure 1 & 2)		
A	: Max dig depth (bucket in dump position)	4.80 m
B	: Reach ground level to rear wheel center	6.97 m
C	: Reach ground level to slew center	5.65 m
D	: Reach at full height to slew center	2.23 m
E	: Side reach to center line of machine	6.00 m
F	: Max working height (Stab's fully out)	6.30 m
G	: Max load over height (Stab's fully out)	4.39 m
H	: King post travel	1.00 m
J	: Bucket rotation power	187 deg
Bucket tear out force		6018 kgf
Dipper tear out force		3250 kgf
Lift capacity to bucket pivot at full reach (SAE J31)		1554 kgf
Co-oxial Carriage		
Excavator Bucket capacity		0.26 m³

STATIC DIMENSIONS (Figure 3,4 & 5)		
AA	: Overall length (transport mode)	6.28 m
AI	: Overall length (travel mode)	7.85 m
BB	: Wheel base	2.14 m
CC	: Rear wheel to slew center	1.38 m
DD	: Minimum ground clearance	0.35 m
EE	: Slew ground clearance	0.59 m
GG	: Height to top of cab	2.88 m
HH	: Overall height	3.78 m
JJ	: Track width - Rear	1.75 m
KK	: Track width - Front	1.87 m
LL	: Width over bucket	2.38 m
LI	: Width (transport mode)	2.56 m



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WHEN YOU NEED EXTRA  
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