

WHEN YOU NEED EXTRA
DIGMAX SUPER

6 PILLAR CABIN
MORE SPACE & VISIBILITY



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 st Gear	5.3 km/h / 4.6 km/h
• 2 nd Gear	8.5 km/h / 7.0 km/h
• 3 rd Gear	18.2 km/h / Not recommended
• 4 th Gear	36.0 km/h / 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

- 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

NOTE

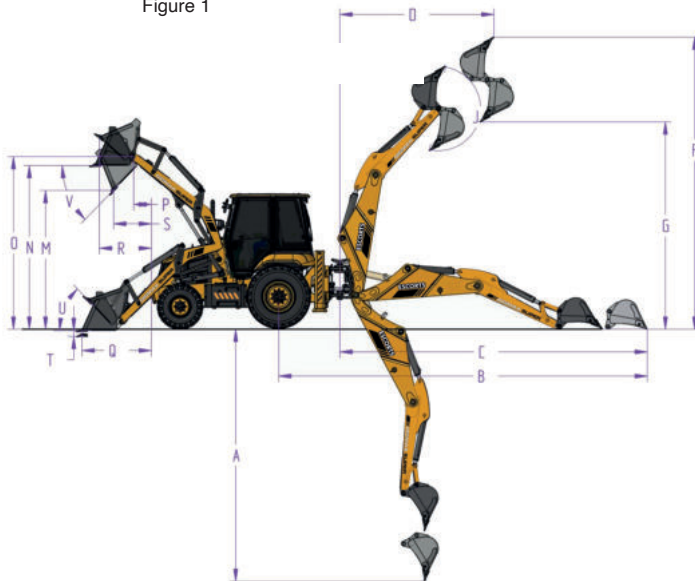
All dimensions, Weights, timings mentioned are with standard tyres. Dipper, Buckets are variable within ± 5% ECE has the right to change values given & design shown without giving a notification.

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

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	
Sell evelling	Available	
Loader Bucket Capacity	1.2	m ³

Figure 1



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	m ³

Figure 2

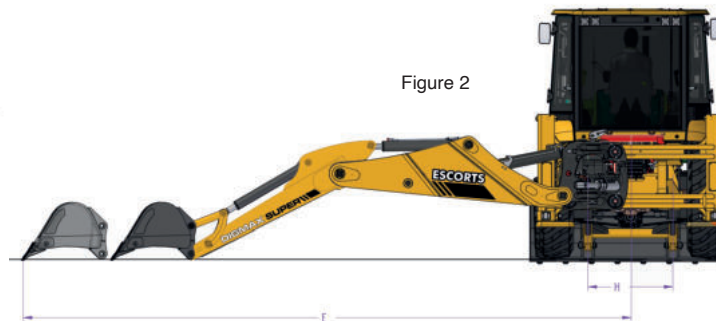


Figure 3



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

Figure 4

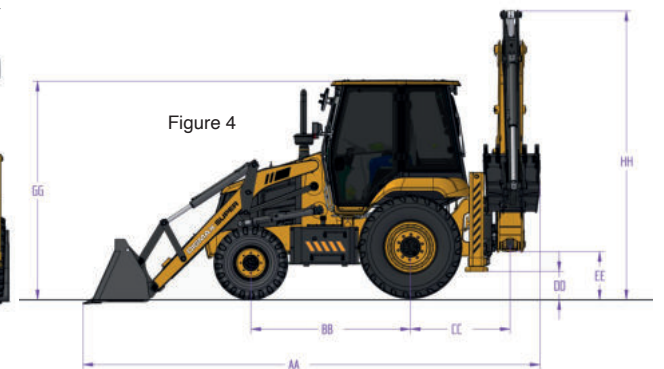


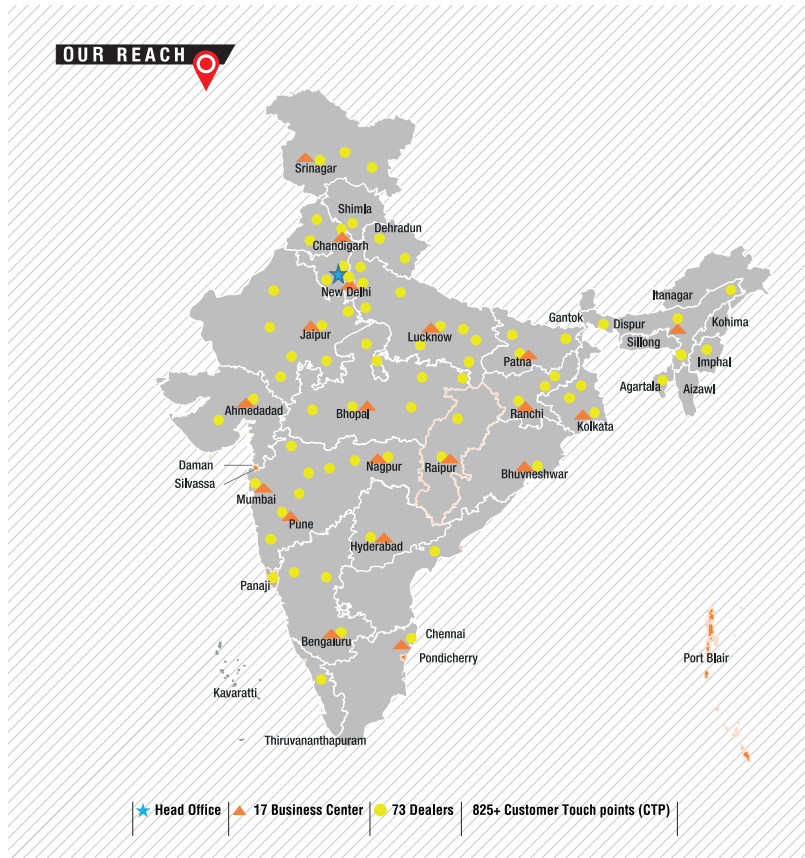
Figure 5



NOTE

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.

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

ESCORTS KUBOTA LTD. - CONSTRUCTION EQUIPMENT

Eco Centre, Ambuja Neotia,
609, 6th Floor, EM Block,
Salt Lake Sector-V, Kolkata – 700091

West Zone

ESCORTS KUBOTA LTD. - CONSTRUCTION EQUIPMENT UNIT 1,

3rd Floor, A-Wing, Times Sqaure,
Andheri - Kurla Road, Opp. Mittal Industrial Estate,
Andheri (East), Mumbai – 400059

South Zone

ESCORTS KUBOTA LTD. - CONSTRUCTION EQUIPMENT

Subham Square, 1st Floor, S.No.41/9, 1st Main Road,
Karambakkam, Porur, Chennai – 600116.



Toll Free No.:
1800-180-4488

(Timings: 9.30 am - 6.00 pm, Monday to Friday)

e-mail: ekl_g_ece.marketing@escortskubota.com

Escorts Kubota Limited (Construction Equipment)

Plot No. 219, Sector- 58, Ballabhgarh- 121 004, Faridabad, Haryana (INDIA)

Tel.: 0129-2306574/2306598/2306571

Fax: 0129-2306572 Website: www.escortsgroup.com



GET IT ON
Google Play

Download Customer App
for more details

Authorised Dealer

•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 fitment and are subject to change without prior notice.)

MKT/23.1/DIGMAX SUPER