

SUPPORT NETWORK

Experience Our Mobile Service Van For Fast And Reliable Solutions



ADDRESS:

North Zone

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

East Zone

ESCORTS LTD. - CONSTRUCTION EQUIPMENT
Eco Centre, Ambuja Neotia,
609, 6th Floor, EM Block,
Salt Lake Sector-V, Kolkata – 700091

West Zone

ESCORTS LTD. - CONSTRUCTION EQUIPMENT UNIT 1,
3rd Floor, A-Wing, Times Sqaure,
Andheri - Kurla Road, Opp. Mittal Industrial Estate,
Andheri (East), Mumbai 400059 (Maharashtra)

South Zone

ESCORTS LTD. - CONSTRUCTION EQUIPMENT
1st Floor, Bearing No - FF 2, in Subham Square,
Survey Number 41/9, 1st Main Road and 1st Street,
Tarambakkam, Porur,
Chennai - 600116

MKT/21.1/5090

WHEN YOU NEED EXTRA

5090



Escorts Engine: 75 HP | Static Linear Load 27.7 kg/cm | Total Applied Load 22.4 Ton



Customer Support No.:
1800 180 4488

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

E-mail:
ece.marketing@escorts.co.in

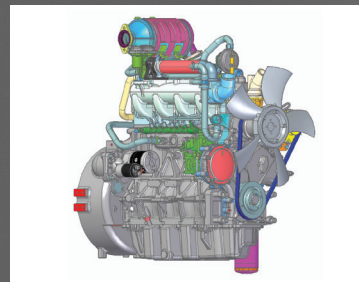
Escorts Construction Equipment: Plot No. 219, Sector-58, Ballabhgarh- 121004, Faridabad, Haryana (INDIA) Tel.: 0129-2306574/2306598/2306571
Fax: 0129-2306572 **Website:** www.escortsgroup.com

ESCORTS WHITE LINE

SPECIFICATIONS

ENGINE	STD/DD	ELECTRICAL	STD/DD	SALIENT FEATURES	
Model / Make	ESCORTS E4.346 CR	Battery	12V, 150AH	Tiltable Steering	Yes
Specification	4 Cylinder, Water Cooled, CEV - IV Emission Norms	Alternator	12V, 90 A	Sliding Operator Seat	Yes
Rated Power	75HP @ 2000 RPM	Starter	12V	Collapsible Roof	Yes
Low Idle RPM	750 ± 5	CAPACITIES	STD/DD	Double Water Pump	Yes
Flyup RPM	2175 ± 5	Fuel Tank Capacity (Ltrs)	160	Fuel Level Gauge	Yes
STEERING	STD/DD	Hydraulic Tank (Ltrs)	80	Water Level Gauge	Yes
Steering Angle (Degree)	± 30	Water Tank Capacity (Ltrs)	800	SAFETY DEVICES	
Oscillation Angle (Degree)	± 10	WEIGHTS		Neutral Start Switch	Yes
Tiltable Steering (Degree)	± 10	Operating Weight (kg)	9120	Air Filter Clog Indicator	Yes
Rotating Platform - Swivel (Degree)	± 10	Weight on Front Drum (kg)	4470	Hydraulic Filter Clog Indicator	Yes
BRAKES	STD/DD	Weight on Rear Drum (kg)	4650	Visual Warning Against Parking Brakes	Yes
Service / Emergency Brake	Hydrostatic	Static Linear Load Front/ Rear (kg/cm)	26.6/27.7	Auto-Vibration & Sprinkler Cutoff	Yes
Parking Brake	Spring Loaded Brake, hydraulically released on both drums	Centrifugal Force per Drum, Low (kg)	6020	Starter Safety Relay	Yes
SPEED		Centrifugal Force per Drum, High (kg)	6626	Audio Visual Warning For High Coolant Temperature & Low Lube Oil Pressure	Yes
Working (Kmph)	0 - 8.5	Total Applied Load Both Drums, Low (kg)	21161	Over & Long Cranking Protection	Yes
Travelling (Kmph)	0 - 14.5	Total Applied Load Both Drums, High (kg)	22372	Vibration Delay Relay	Yes
VIBRATION SYSTEM	STD/DD	DIMENSIONS		Battery Cut off Switch	Yes
Frequency (Hz)	33/50	Length (mm)	4175	KEY FEATURES	
High Amplitude (mm)	1.0	Width (mm)	1780	Sprinkler Nozzles visible from operator seat	
Low Amplitude (mm)	0.4	Height (With Canopy) (mm)	3110	Water Pump, 2 nos. for uninterrupted operation	
GRADEABILITY		Loading Height (mm)	2680	Foldable canopy frame to decrease height during transportation	
Gradeability w/o Vibration (%)	36%	Drum Width (mm)	1680	High kerb clearance of 730 mm for effective compaction along culverts	
		Drum Diameter (mm)	1200	Swivel Operator seat including steering wheel, FNR lever and instrument panel for drum edge visibility	
		Shell Thickness (mm)	17	High Static Liner Load	
		Turning Radius Outer/Inner (mm)	6475/4750	Low Turning Radius	
		Wheel Base (mm)	2900	Compact Design	
		Ground Clearance (mm)	290		
		Kerb Clearance (mm)	730		

FEATURES



ENGINE

- 75 HP CEV - IV compliant 4 Cylinder water cooled turbo charged ESCORTS E4.346 CR engine with inline pump
- Best-in-class fuel economy
- High on performance
- Lowest maintenance cost in its class

GRADEABILITY

High Gradeability making it versatile for all applications



SPRINKLING SYSTEM

- Sprinkling nozzles visible from operator seat
- Sprinkling nozzles with three stage filtration to avoid clogging
- Tongue-type nozzles to avoid rusting
- Wide flat fan with a sharply delimited spray pattern for long last uses

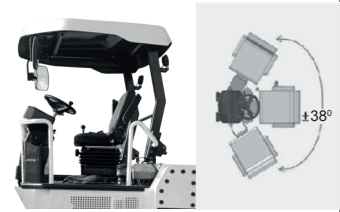
INSTRUMENT PANEL

- Dust and Weather proof, rocker for high reliability
- IP 67 Compliant Instrument cluster and Rocker switches



OPERATOR PLATFORM

- Ergonomically designed space for operator comfort
- Foldable 2 post Canopy legs for ease of transportation
- Rotating platform (Swivel) ± 38° with tiltable steering ± 10°
- Resilient rubber mounts, low vibration transfer to operator



COMPACTION SYSTEM

- Optimised setting Amplitude 1.0/0.4 mm with frequency 33/50 Hz
- Delay relay to avoid the sudden impact while switching from one frequency to another
- High Kerb clearance for better road edge compaction



OPTIMUM VISIBILITY

- 360° visibility provides maximum safety
- Clear drum edge visibility from operator seat
- Compact Design for ease of operation in narrow space



LED WORK LIGHTS

- LED work lights for smooth night operations
- Head Lamp & 3 Chamber rear light with wiremesh for protection



DIMENSIONS

