

POWERTRAC

**EFFICIENT
EFFECTIVE
ECONOMIC**



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AN **ESCORTS** PRODUCT

EXCELLENCE WITH EXPERIENCE.

We, at Escorts, believe that technology has the power to transform lives. Our endeavour is to modernize farm mechanization, thus bringing a revolution in the current agricultural landscape, which transforms farmlands into yields of prosperity. To make farming sustainable, smarter and profitable. It is the trust and support of our customers across that globe that has provided us with the courage to bring this transformation.

For over 70 years, we have studied the global agricultural ecosystem and learned from it. We understand the ever-evolving needs of farmers worldwide. With our experience and expertise, we are all set to create newer standards of commitment and delivery. Our new strategic approach of 'Global Transformation' is our foremost step in this direction and in turn would help us strengthen our market share across the continents. Our commitment is to bring the best of India to the world and launch technologically superior tractors in the time to come.



POWERTRAC WHERE POWER MEETS EFFICIENCY.

EURO
EURO CROSS
SERIES

AGRI SPECIALIST

ALT
SERIES

HAULAGE SPECIALIST

Diesel Saver
SERIES

MULTI-PURPOSE TRACTOR



EURO

SERIES

HIGH ENGINE TORQUE

ROBUST DESIGN



SALIENT FEATURES:

Gear Box With Constant Mesh Technology



Heavy Duty Hydraulics



Oil Immersed Brakes



Single Piece Bonnet with Stylish Headlamps



Stylish Instrument Cluster

EURO CROSS SERIES



PADDY &
HAULAGE SPECIALIST
4WD TRACTOR



SALIENT FEATURES:



*Forward/Reverse
Synchro Shuttle &
BF + BR Speeds*



*Heavy Duty
Hydraulics*



*Flat
Platform
& Suspended
Pedals*



*High
Ground
Clearance*



*Deep Lug
Tyres*

Diesel Saver
SERIES

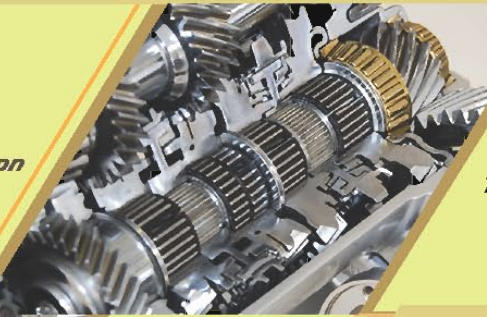


SUITABLE FOR ORCHARDS
& VINEYARDS
NARROW DESIGNS

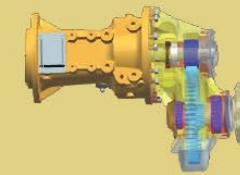


SALIENT FEATURES:

Constant Mesh Transmission with 8F+2R Gear Speeds



Hub Reduction Technology



Oil Immersed Brakes



Dry Air Cleaner



Inboard Lamps & Horizontal Exhaust



Low Turning Radius

ALT
SERIES

ANTI-LIFT DESIGN



HEAVY DUTY FRONT AXLE



SALIENT FEATURES:

Longest Wheel Base For Higher Stability



Special Haulage Tyres



Integrated Front Tow Hook



H4 Type High-intensity Lamp



Front End Bumper



EURO 90 4WD



ROPS & CANOPY



TURBOCHARGED INTERCOOLED ENGINE



TECHNICAL SPECIFICATIONS

PARAMETERS	EURO 90 4WD
ENGINE	
HP Category	90
Type	Turbo Charged Intercooler
Swept Volume (cc)	3680
No of Cylinders	4
Bore x Stroke	98x122
Max. Torque, Nm (+/- 100-200 rpm)	345-355 Nm @ 1400 ERPM
PTO	
PTO speed- Std.	540/540E, Ground PTO (Independent type)
PTO RPM @ Engine RPM	540 @ 1938 / 540E @ 1648
TRANSMISSION	
Type	Synchromesh
No. of Gears	12F+12R
Rear Axle Reduction Type	Epicyclic
Differential Lock	Yes
CLUTCH	
Type	Double Clutch
BRAKES	
Type	Oil Immersed Brakes
Hand Brake	Independent Parking Brake Lever
3-POINT LINKAGES	
3 point linkage, Category 1/2	Cat 2
HYDRAULICS	
Functions	Draft & Position Control
Type & Lift Capacity (Kg)	2500 Kg
Auxiliary Valve	2DA/2SA (4 nos.)
STEERING	
Steering	Power Steering
FRONT AXLE	
Front Axle	4WD
TYRE	
Front Tyre	12.4X24
Rear Tyre	18.4X30
VEHICLE	
Air Cleaner type	Dry
CAPACITIES (+/-2%)	
Fuel Tank capacity, ltr.	75
DIMENSIONS (+/-2%)	
Length, mm	4190
Width, mm	1940
Height, mm	2550
Wheelbase, mm	2300
Other Features	
	With ROPS & Canopy, Flat Platform

COMPLETE FARM SOLUTIONS

The transformation of farmlands will not only come with superior technology. Hence, we strive to provide holistic support to the farmers. Our products and variants are aligned with changing and emerging applications and end usages. Escorts is not just a stand-alone tractor manufacturer. We are a complete farm Solutions provider.



TECHNICAL SPECIFICATIONS

PARAMETERS	ALT 3500 2WD	ALT 4000 2WD
ENGINE		
HP Category	37	41
Type - NA/ TC/TCICRDI	Natural Aspirated	Natural Aspirated
Swept Volume (cc)	2150	2340
No. of Cylinders	3	3
PTO		
PTO Speed - Std.	1000	540
PTO RPM @ Engine RPM	1000 @ 2100	540 @ 1800
TRANSMISSION		
Type	Constant Mesh	Constant Mesh
No. of Gears	8F+2R	8F+2R
Rear Axle Reduction Type	Hub Reduction	Hub Reduction
CLUTCH		
Type	Single Clutch	Single Clutch
BRAKES		
Type	Oil Immersed Brakes	Oil Immersed Brakes
3-POINT LINKAGES		
3-Point Linkage (Geometry) Category I / II	Cat I / II	Cat I / II
HYDRAULICS		
Functions	Draft & Position Control	Draft & Position Control
Type & Lift Capacity (kg)	1500 at horizontal position	1500 at horizontal position
STEERING		
Steering	Mechanical	Mechanical
TYRE		
Front Tyre	6 x 16	6 x 16
Rear Tyre	13.6 x 28	13.6 x 28
DIMENSIONS/CAPACITY (+/-5%)		
Length, (mm)	3395	3440
Width, (mm)	1680	1680
Height, (mm)	2280	2280
Fuel Tank capacity, (L)	50	50

TECHNICAL SPECIFICATIONS

PARAMETERS	POWERTRAC 425N 2WD	EURO 37 2WD	EURO 41 2WD	EURO 45 2WD
ENGINE				
HP Category	25	37	41	45
Type - NA/ TC/TCI/CRDI	Natural Aspirated	Natural Aspirated	Natural Aspirated	Natural Aspirated
Swept Volume (cc)	1559	2146	2340	2490
No. of Cylinders	2	3	3	3
PTO				
PTO Speed - Std.	540	540	540	540
PTO RPM @ Engine RPM	540 @ 1800	540 @ 1800	540 @ 1800	540 @ 1800
TRANSMISSION				
Type	Constant Mesh	Constant Mesh	Constant Mesh	Constant Mesh
No. of Gears	8F+2R	8F+2R	8F+2R	8F+2R
Rear Axle Reduction Type	Hub Reduction	Straight Axle - Double Reduction	Straight Axle - Double Reduction	Straight Axle - Double Reduction
CLUTCH				
Type	Single Clutch	Single Clutch	Single Clutch	Single Clutch
BRAKES				
Type	Oil Immersed Brakes	Oil Immersed Brakes	Oil Immersed Brakes	Oil Immersed Brakes
3-POINT LINKAGES				
3-Point Linkage (Geometry) Category I / II	Cat I	Cat I / II	Cat I / II	Cat I / II
HYDRAULICS				
Functions	Draft & Position Control	Draft & Position Control	Draft & Position Control	Draft & Position Control
Type & Lift Capacity (kg)	1300 at Horizontal Position	1500 at Horizontal Position	1500 at Horizontal Position	1500 at Horizontal Position
STEERING				
Steering	Mechanical	Mechanical	Mechanical	Mechanical
TYRE				
Front Tyre	5 x 15	6 x 16	6 x 16	6 x 16
Rear Tyre	11.2 x 28	13.6 x 28	13.6 x 28	13.6 x 28
DIMENSIONS/CAPACITY (+/-5%)				
Length (mm)	3050	3270	3270	3270
Width (mm)	1380	1750	1750	1750
Height (mm)	1425	2190	2190	2190
Fuel Tank capacity (L)	50	50	50	50
OPTIONAL FEATURES				
		Dual PTO	Dual Clutch	Dual Clutch
			Power Steering	Power Steering
OTHER FEATURES				

TECHNICAL SPECIFICATIONS

EURO CROSS 4WD	EURO 50 2WD	EURO 55 2WD	EURO 60 2WD/4WD	EURO 75 2WD/4WD
45-50	50	55	60	75
Natural Aspirated	Natural Aspirated	Natural Aspirated	Natural Aspirated	Turbo Charged & Intercooler
2760	2760	3680	3680	2860
3	3	4	4	4
PTO				
540/540E (Independent Type)	540	540	540 Multi Speed and Reverse PTO (Independent Type)	540 Multi Speed and Reverse PTO (Independent Type)
540 @ 1728 / 540E @ 1251	540 @ 1800	540 @ 1810	540 @ 1810	540 @ 1810
TRANSMISSION				
Partially Synchromesh	Constant Mesh	Constant Mesh	Constant Mesh	Constant Mesh
8F+8R	8F+2R	8F+2R	8F+2R	8F+2R
Epicyclic	Straight Axle - Double Reduction	Straight Axle - Double Reduction	Epicyclic	Epicyclic
CLUTCH				
Double Clutch	Single Clutch	Dual Clutch	Double Clutch	Double Clutch
BRAKES				
Oil Immersed Brakes	Oil Immersed Brakes	Oil Immersed Brakes	Oil Immersed Brakes	Oil Immersed Brakes
3-POINT LINKAGES				
Cat I / II	Cat I with Cat II Balls	Cat I with Cat II Balls	Cat I with Cat II Balls	Cat I / II
HYDRAULICS				
Draft & Position Control	Draft & Position Control	Draft & Position Control	Draft & Position Control	Draft & Position Control
1500	1500	1800	1800	1800
STEERING				
Power Steering	Mechanical	Power Steering	Power Steering	Power Steering
TYRE				
8 x 18	6 x 16	6.5 x 16	7.50 x 16 / 9.50 x 24	7.50 x 16 / 11.2 x 24
13.6 x 28	13.6 x 28	14.9 x 28	16.9 x 28	16.9 x 30
DIMENSIONS/CAPACITY (+/-5%)				
3162	3720	3600	3700	3950
1772	1770	1890	1900	1900
2350	2190	2330	2290 (Up to Exhaust)	2300
60	60	60	60	60
OPTIONAL FEATURES				
With ROPS & Canopy	Dual Clutch	7.50 x 16 / 16.9 x 28 Tyre Size	With ROPS & Canopy	With ROPS & Canopy
9.5 x 18 & 14.9 x 28 Tyre Size	Power Steering		Dual Clutch	2200 kg Lifting Capacity
	6.50 x 16 / 14.9 x 28 Tyre Size			
OTHER FEATURES				
Fiat Platform	Front Bumper	Heavy Duty Front Axle	Multispeed and Reverse PTO	Multispeed and Reverse PTO
Forward / Reverse Synchro Shuttle		Front Bumper		
Deep Lug Tyres				