

75 Mahindra
Rise.

Construction Equip

HIGHER PRODUCTIVITY.
ENHANCED COMFORT.
ASSURED PROFITS.

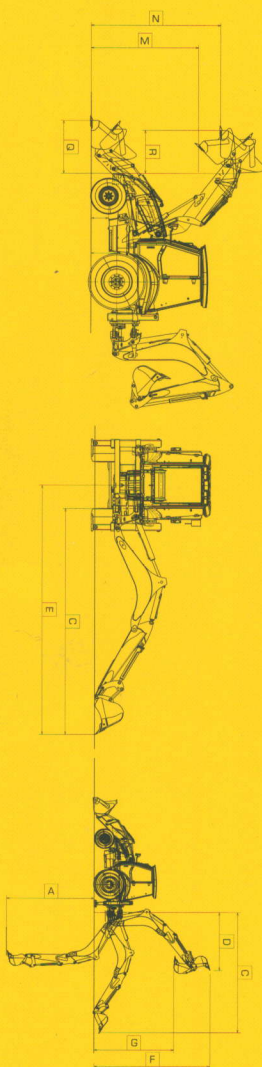
EARTHMASTER SXTV VX



Joystick
available in
VX variant

With
IMAX
Telematic Report

FEATURES	
Excavator Controls	Mechanical Levers
Instrument Cluster	Analog
Warranty	MAXX - GPS, GPRS base vehicle health monitoring & tracking system 1 year ¹ Standard Warranty, Unlimited Hours
Banana Boom Design	Yes
180°C Revolving Seats with Arm rest and Seat Belts	Yes
Mobile Charger	Yes
Storage Box	Yes
ENGINE	
VMEF 3.5 L 55 kW (74 HP) BSV	Turbocharged Intercooled
Number of Cylinders	4
Displacement	3532 cm ³ (cubic centimetre)
Gross Power	55 kW (74hp) @ 2200 r/min
Peak Gross Torque	345 Nm @ 1200-1500 r/min
HYDRAULICS	
System Type and Pressure	Open Centre, 25 MPa (3675 psi)
Pump Type	Fixed displacement, Gear Pump, 52 cm ³ (cubic centimetre)
Pump Delivery	117 l/min @ 2250 r/min
Control Valves (Backhoe Loader)	Sectional Valves (Sandwich Type, Individually Replaceable)
TRANSMISSION	
Type: Type: Four Speed (4 Forward, 4 Reverse), Low Noise, Two Wheel Drive (2 WD), Synchro Shuttle Transmission with Electrically Operated Reversing Shuttle and Torque Converter	
AXLES	
Rear Axle: Rigidly mounted drive axle, with outboard planetary final drives, driven by short drive shaft.	
Front Axle: Centrally pivoted, non-driven unbalanced type axle, with total oscillation of 18°C, with remote greasing facility for the main pin.	
BRAKES	
Service Brakes: Hydraulically actuated, self adjusting, maintenance free, oil immersed multi-disc, on the rear axle, operated by independent foot pedals, joined together for normal operation.	
Parking Brakes: Hand operated mechanically actuated caliper type brake	
ELECTRICALS	
Dust proof switches, ignition controls for engine start and stop, horn and reverse alarm, water and dust proof electrical connectors.	
100Ah, 12V, Low maintenance battery.	
Alternator: 90 ampere	
CABIN	
Ergonomically designed cab with contemporary styling. Excellent operator comfort, day and night time visibility. Rear view mirror, multiple storage options, two-door access, sliding rear window, stowable doors and an integrated tool box. Cabin frame built with sturdy tubular sections and protected with CED technology for longer rust protection. Fully adjustable premium operator seat, with safety belt. Excellent leg space, conveniently positioned control levers and pedals. Low line curved hood to enhance operator visibility. ROPS, FOPS, Compliance - Yes.	
STEERING	
Front wheel, Hydraulic Power Steering, with priority function and pressure relief valve. Emergency steering in case of Power Failure.	
OPERATOR INFORMATION	
Front Cluster: With Speedometer, Turn and Head Light Signals indicating r/min, kilometre Run, Hours Run, Fuel Level, Temperature.	



BACKHOE PERFORMANCE			
Maximum Dig Depth	A		4959 mm*
Reach at Ground Level to Slew Centre	C		5794 mm
Reach at Full Height to Slew Centre	D		2774 mm
Maximum Working Height	F		6043 mm*
Maximum Load Over Height	G		4131 mm*
Side Reach to the Centre of the Machine	E		6324 mm
Excavator Pivot Mechanism		Side Shift	
Backhoe Bucket Tearout Force		5199 kg	
Backhoe Arm Tearout Force		3182 kg	
Lift Capacity to Bucket Pivot at Full Reach (no bucket fitted) (SAE J311)		1449 kg	
Backhoe Bucket Capacity		0.27 m ³ (cubic metre)	
LOADER PERFORMANCE			
Dump Height	M		2708 mm
Load Over Height	N		3253 mm
Reach at Ground	Q		1350 mm
Maximum Reach at Full Height	R		1115 mm
Loader Bucket Breakout Force			6243 kg
Loader Arm Breakout Force			5594 kg
Loader Lift Capacity at full height			3428 kg
Loader Bucket Capacity		1.1 m ³ (cubic metre). Also available in 6m-1 bucket	
SPEED (GEAR - F/R)			
1st F/R	HD		5.43 km/h
2nd F/R			8.84 km/h
3rd F/R			19.20 km/h
4th F/R			38.37 km/h
			39.97 km/h
			56.6 km/h
			9.1 km/h
			20.00 km/h
			39.97 km/h

SERVICE CAPACITIES			
Hydraulic Oil Circuit Capacity	SYSTEM CAPACITIES	SERVICE REPLACEMENT CAPACITIES	
Fuel Tank	100 litre	50 litre	
Engine Coolant	140 litre	140 litre	
Engine Oil	17 litre	17 litre	
Transmission 2WD	13.7 litre	13 litre	
Transmission 4WD	19.20 litre	10.20 litre	
Rear Axle	22 litre	12 litre	
	17.10 litre	17.10 litre	
TYRES			
Front - 2W Drive	OPTIONAL (HEAVY DUTY)	STANDARD (TRACTION) (INDUSTRIAL)	
Front - 4W Drive	9.00 - 16 - 16 PR	9.00 - 16 - 16 PR	
Rear	12.5 / 80 - 18 12 PR	12.5 / 80 - 18 12 PR	
	14.00 - 25 20 PR / 12PR	16.9 - 28 12 PR	
TURNING RADIUS			
Outside Bucket (Inner Wheels Braked)		4494 mm	
Outside Wheels (Inner Wheels Braked)		3091 mm	
Outside Bucket (Inner Wheels Not Braked)		5697 mm	
Outside Wheels (Inner Wheels Not Braked)		4464 mm	
SHIPPING WEIGHT OF VEHICLE			
Shipping weight of Machine with HD Type		7430 kg	
Shipping weight of the Machine with Industrial Tyres		7584 kg	

Technical specifications, features are subject to change without prior notice. Images used are for representative purpose only. Accessories shown be a part of the standard product. Actual colors may vary. ESCOE. *Standard exclusions apply. For further details on warranty, please visit your nearest dealer. **According to government approved independent agency, under manufacturer standard PER/VEH/21 certified at 1450 r/min. *Value measured under specific measuring conditions.