

THE COST EFFECTIVE SOLUTION FOR YOUR LOADING NEEDS



Mahindra
Construction Equipment
GENUINE SERVICE



Mahindra
Construction Equipment
LUBRICANTS



Mahindra
Construction Equipment
ATTACHMENTS



Mahindra
Construction Equipment
GENUINE PARTS



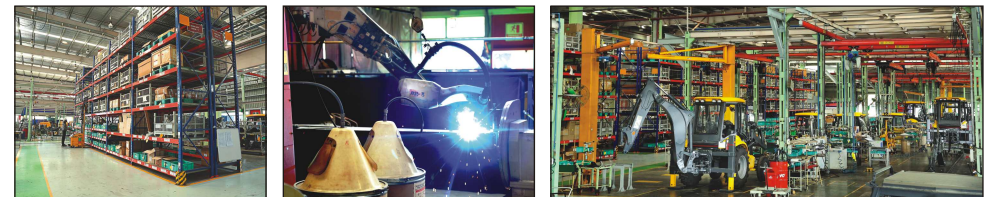
Mahindra
Construction Equipment
RENTAL SERVICES



Models		Mahindra Earthmaster SXL			
Engine					
Model	4805-IA- CEV				
Emission Standard	BSIII				
Type	Turbocharged Intercooled				
No. of Cylinders	4				
Displacement	3532 cc				
Gross Horse Power	58.8 kw (79.89 HP) @ 2300 +/- 50 RPM				
Peak Gross Torque	306 Nm @1300-1700 RPM				
Hydraulics					
System Type and Pressure	Open Centre : 250 bars (3675 psi)				
Pump Type	Fixed Displacement, Gear Pump				
Pump Delivery	115 litres @ 2350 RPM				
Control Valves (Backhoe and Loader)	Sectional Valves (Sandwich Type, Individually Replaceable)				
Transmission					
Type: Four Speed (4 Forward, 4 Reverse), Two Wheel Drive with option of Four Wheel Drive (4 WD), Synchro Shuttle Transmission with Electrically Operated Reversing Shuttle and Torque Converter having Stall Ratio of 2.64:1					
Axles					
Rear Axle: Rigidly mounted drive axle, with outbound planetary final drives, driven by short drive shaft					
Front Axle: Centrally pivoted, non-driven unbalanced type axle, with total oscillation of 16°, 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, inbuilt in the rear axle, low maintenance					
Electricals					
Dust proof switches, ignition controls for engine start and stop, horn & reverse alarm, water and dust proof electrical connectors. Electric: 12 V , Battery - 100Ah Alternator: 90 Amp					
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 Compliant.					
Steering					
Front wheel hydrostatic power steering, with priority function and pressure relief setting of 145 bar.					
Operator information and Entertainment System					
Cluster with Water and Dust-proof connectors (IP-67) with Speedometer, Turn and Head Light Signals. RPM, Temp. display					
Gear Speed					
1st F/R	5.66 km/hr				
2nd F/R	9.11 km/hr				
3rd F/R	20.00 km/hr				
4th F/R	39.97 km/hr				
Service Capacities (System)					
Hydraulic Oil Capacity	100 Litres				
Fuel Tank	120 Litres				
Engine Coolant	Ready Mix (17 Litres)				
Engine Oil	13.7 Litres				
Transmission	19.2 Litres				
Rear Axle	17.1 Litres				
Tyres		2WD IND	2WD HD	4WD IND	4WD HD
Front	9 X 16 -16PR		12.5 / 80 - 18 PR		
Rear	16.9 X 28 - 12 PR	14 X 25 - 12 PR/20PR	16.9 X 28 - 12 PR	14 X 25 - 12 PR/20PR	

Models		Mahindra Earthmaster SXL			
	Static Dimension	2WD IND	2WD HD	4WD IND	4WD HD
AA	Overall Length	4420 mm	4417 mm	4415 mm	4415 mm
AB	Wheelbase	2175 mm	2175 mm	2175 mm	2175 mm
AC	Ground Clearance (Stabilizer Foot)	321 mm	301 mm	319 mm	300 mm
	Ground Clearance (Front Axle)	345 mm	350 mm	326 mm	326 mm
	Slew Center to Rear Axle Center	1333 mm	1333 mm	1333 mm	1333 mm
AE	Height to top of Cab	2923 mm	2909 mm	2923 mm	2909 mm
AG	Track Width Rear	1720 mm	1720 mm	1720 mm	1720 mm
AH	Track Width Front	1914 mm	1914 mm	1920 mm	1920 mm
AJ	Width over Bucket	2404 mm	2404 mm	2404 mm	2238 mm
AK	Max Length from Front Axle Center (Carry Position)	2258 mm	2249 mm	2249 mm	2240 mm
AL	Max Length from Rear Axle Center (Carry Position)	1456 mm	1456 mm	1456 mm	1456 mm
AM	Width During Transport Condition	2482 mm	2482 mm	2482 mm	2482 mm
AN	Max Length (Carry Position)	5886 mm	5881 mm	5879 mm	5874 mm
	Approach Angle	63.5°	64°	64°	64°
	Departure Angle	21°	20°	21°	20°
Loader Performance					
M	Dump Height	2900 mm	2909 mm	2911 mm	2920 mm
N	Load Over Height	3452 mm	3462 mm	3462 mm	3468 mm
O	Pin Height	3657 mm	3663 mm	3667 mm	3672 mm
P	Pin Forward Reach	352 mm	330 mm	340 mm	320 mm
Q	Reach at Ground	1639 mm	1635 mm	1631 mm	1629 mm
R	Max Reach at Full Height	1231 mm	1211 mm	1200 mm	1200 mm
S	Reach at Full Height - Bucket Dump	843 mm	828 mm	835 mm	821 mm
T	Below Ground Level Dig Depth	131 mm	123 mm	150 mm	112 mm
U	Roll Back Angle at Ground	44°	44°	44°	45°
V	Dump Angle	44°	43°	43°	43°
W	Roll Back Angle at Max Lift	49°	49°	49°	49°
X	Overall Height Bucket Raised	4592 mm	4597 mm	4602 mm	4598 mm
1	Bucket Breakout Force	6075 kg	6075 kg	6075 kg	6075 kg
2	Loader Arm Breakout Force	4990 kg	4990 kg	4990 kg	4990 kg
	Shovel	1.1 cu. M.	1.1 cu. M.	1.1 cu. M.	1.1 cu. M.
	Lift Capacity at Max Height	3170 kg	3170 kg	3170 kg	3170 kg
	Payload	1800 kg	1800 kg	1800 kg	1800 kg
Turning Radius					
Inner Wheel Braked					
	Turning Radius outside bucket	4750 mm	4750 mm	4750 mm	4750 mm
	Turning Radius outside wheels	3091 mm	3091 mm	3091 mm	3091 mm
Inner Wheel Not Braked					
	Turning Radius outside bucket	5815 mm	5815 mm	5815 mm	5815 mm
	Turning Radius outside wheels	4464 mm	4464 mm	4464 mm	4464 mm
Shipping Weight of Vehicle					
	Net Weight of Machine	7771 kg	7921 kg	7771 kg	7921 kg
	Front Reaction	1987 kg	1987 kg	1987 kg	1987 kg
	Rear Reaction	5784 kg	5934 kg	5784 kg	5934 kg

Manufacturing Facility



Technical specifications, features are subjected to change without prior notice. Image used are for representative purpose only. Accessories shown may not be a part of the standard product. Actual colours may vary. E&O.E. Standard exclusions apply. For further details on the warranty, please contact your dealer. * Value measured under specific measuring condition. ROPS/SOPS certified.

Mahindra Construction Equipment

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