

Mahindra eMAX

Specification Charts

TRACTOR	EMAX 22 GEAR	EMAX 22 4WD HST	EMAX 25 4WD HST
ENGINE			
Type	Four stroke, indirect injection water-cooled diesel		
Cylinders	3		
Engine HP (kW) @ rpm	22 (16.4) @ 3000 (T4)		
Compression Ratio	22:1		
Displacement cubic inch³ (cc)	61.5 (1007)		
Fuel Tank Capacity	6.1 gallons		
ELECTRICAL			
Battery Capacity	12 volt, 50 amp hours		
Alternator	12 volt, 50 amps		
CLUTCH			
Type	Single plate, dry		
TRANSMISSION			
Type	Mechanical	HST - 2 ranges	
Number of Gears / Speeds	6F / 2R	Infinite	
STEERING			
Type	Hydrostatic Power		
Pump Output (gallons per minute)	2.6		
BRAKES			
Type	Wet disc		
HYDRAULIC SYSTEM			
Type	Open center, full live hydraulic		
Pump Output (gallons per minute)	4.5		
3-Point Linkage	Category 1, with check chains		
Lift Capacity (lbs.)	1320		
Rear Auxiliary Remote Valves	1 spool optional		
PTO			
Type	Live	Independent	
PTO RPM (engine rpm)	540 @ 2893	540	
PTO HP (kW)	2000 @ 2875	2000	
OPERATING WEIGHT			
Total (lbs.)	1540		
DIMENSIONS with Ag Tires			
Overall Length Inches (mm)	102.4 (2600)		
Overall Width Inches (mm)	47.2 (1200)		
Turning Radius Minimum Feet (meters)	7.2 (2.2)		
TIRES Sizes and Options			
Ag (Front / Rear)	6x12 / 9.5x16		
Industrial (Front / Rear)	20x8-10 / 27x12.5-15		
Turf (Front / Rear)	20x8-10 / 29x12.5-15		

Specifications and design subject to change without notice.

TRACTOR	EMAX 22 GEAR	EMAX 22 4WD HST	EMAX 25 4WD HST
LOADER EMAX 25L			
Maximum Lift Height	75"		
Clearance with Attachment Dumped	60"		
Reach at Maximum Height	23"		
Maximum Dump Angle	38°		
Attachment Rollback Angle	20°		
Digging Depth Below Grade	4"		
Lift Capacity to Full Height @ Pivot Pins	900		
Breakout Force @ Pivot Pins	2000		
Rated Flow (Tractor System)	4.6 gpm		
Attachment Width	50"		
Attachment Rated Capacity	5.3 ft³		
Cycle Times @ rpm	2500		
Raise Boom (seconds)	4.3		
Lower Boom (seconds)	3.5		
Dump Attachment (seconds)	2.8		
Retract Attachment (seconds)	2.5		
BACKHOE			
BACKHOE MODEL	eMax 25B		
TRANSPORT			
Transport Height	66"		
Transport Overhang	38"		
OPERATIONAL			
Maximum Digging Depth	80"		
Digging Depth (2 Ft.) Flat Bottom	77"		
Overall Operating Height - Fully Raised	93"		
Loading Height (bucket @ 60°)	60"		
Loading Reach (bucket @ 60°)	39"		
Reach From Swing Post	98"		
Bucket Rotation	185°		
Swing Arc	140°		
Stabilizer Spread Operating Position	86"		
Stabilizer Down Below Grade	10"		
System Relief Valve Setting	2050		
Digging Force - Bucket (lbs.)	2050		
Digging Force - Dipper (lbs.)	1256		