

MAHINDRA
3535
GEAR

RUGGED & ALL-PURPOSE

35 ENGINE HP • 29 PTO HP

HEAVY-DUTY COMPACT TRACTOR

Great for farm chores, bulk material handling, grounds maintenance, commercial landscaping and horse ranches.

- World's # 1 selling tractor brand
- 5-year powertrain warranty
- Attractive Financing Options
- Heavy-duty cast-iron chassis
- Professional grade components
- Japan Quality Medal Winner
- Deming Award Winner
- Industry-leading parts support



Mahindra

TRACTOR 3535

ENGINE	
Type	Naturally aspirated direct injection diesel
Cylinders	3
Cylinder Sleeve	Wet replaceable
Engine HP (kW) @ rpm	35 (26) @ 2800 rpm
Compression Ratio	19.5:1
Displacement cubic inch (cc)	115.4 (1892)
Fuel Tank Capacity	11.3 gallons
ELECTRICAL	
Battery Capacity	12 volt, 96 amps
Alternator	12 volt, 45 amps
CLUTCH	
Type	Single plate dry
TRANSMISSION	
Type	Forward reverse synchro shuttle with full synchromesh
Number of Gears	12 forward, 12 reverse
STEERING	
Type	Hydrostatic power with tiltable steering
Pump Output (gallons per minute)	5
BRAKES	
Type	Wet disc
HYDRAULIC SYSTEM	
Type	Open-center, full-live hydraulic with position and draft controls
Pump Output (gallons per minute)	11
3-Point Linkage	Category 1 with telescopic lower links
Lift Capacity (lbs.)	2835 lbs.
Rear Auxiliary Remote Valves	1 spool optional
PTO	
Type	Independent
PTO RPM (engine rpm)	540 @ 2404
PTO HP (kW)	29 (21.5) max
OPERATING WEIGHT	
Total (lbs.)	4125
DIMENSIONS With Industrial Tires	
Overall Length Inches (mm)	123 (3124)
Overall Width Inches (mm)	69.4 (1763)
Turning Radius Min. feet (meters)	9.3 (2.86)
TIRES Sizes & Options	
Ag (Front / Rear)	n/a
Industrial (Front / Rear)	28x8.5-15 / 43x16-20

LOADER ML120

WITH TRACTOR MODEL 3535	
Maximum Lift Height	106"
Clearance with Attachment Dumped	85"
Reach at Maximum Height	24.5"
Maximum Dump Angle	40°
Attachment Rollback Angle	19°
Digging Depth Below Grade	3.375"
Lift Capacity to Full Height @ Pivot Pins (lbs.)	2400 lbs.
Breakout Force @ Pivot Pins (lbs.)	3900 lbs.
Rated Flow (Tractor System)	11 gpm
Attachment Width used for specification	72"
Attachment rated capacity used for specification	16.35 cu. ft.
Cycle Times @ rpm	3080 rpm
Raise Boom (seconds)	4.9
Lower Boom (seconds)	4.1
Dump Attachment (seconds)	3.8
Retract Attachment (seconds)	3.0
Loader Shipping Weight (lbs.)	1285 lbs.
OPTIONAL / SKID STEER ATTACHMENTS	
Grille Guard (with or without loader)	✓
Bucket	✓
Bale Spear	✓
Pallet Fork	✓

BACKHOES

WITH TRACTOR MODEL 3535	
Backhoe Models	485
TRANSPORT	
Shipping Weight with 12" bucket (lbs.)	1010 lbs.
Transport Height (boom fully retracted)	81"
Transport Width (stabilizers up)	51"
Boom Pivot Height	12"
Overall Length	83"
OPERATIONAL	
Maximum Digging Depth	101"
Digging Depth (2 Ft.) Flat Bottom	100"
Digging Depth (8 Ft.) Flat Bottom	78"
Overall Operating Height - Fully Raised	121"
Loading Height	63"
Loading Reach	58"
Reach From Swing Post	127"
Bucket Rotation	180°
Swing Arc	180°
Stabilizer Spread Operating Position	90"
Stabilizer Down Below Grade	10"
System Relief Valve Setting	2750
Digging Force - Bucket (lbs.)	3895 lbs.
Digging Force - Dipper (lbs.)	2358 lbs.



Mahindra

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