

35 SERIES

TIER IV



MAHINDRA

TRACTORS

3535

4035

Engine	CE35	CE40
Type	Naturally aspirated direct injection diesel	Naturally aspirated direct injection diesel
Cylinders	3	3
Engine HP (kW) @ rpm	35 (26)	40.0 (29.8)
Compression Ratio	19.5:1	19.5:1
Displacement cubic inch ³ (cc)	115.4 (1892)	115.4 (1892)
Cylinder Sleeve	Wet replaceable	Wet replaceable
Fuel Tank Capacity	11.3 gallons	11.3 gallons

Electrical

Battery Capacity	12 volt, 96 amps	12 volt, 96 amps
Alternator	12 volt, 45 amps	12 volt, 45 amps

Clutch

Type	Single plate dry	Single plate dry
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Transmission

Type	Forward reverse synchro shuttle with full synchromesh	Forward reverse synchro shuttle with full synchromesh
Number of Gears	12 forward, 12 reverse	12 forward, 12 reverse

Steering

Type	Hydrostatic power with tiltable steering	Hydrostatic power with tiltable steering
Pump Output (gallons per minute)	5	5

Brakes

Type	Wet disc	Wet disc
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Hydraulic System

Type	Open-center full-live hydraulic with position & draft controls	Open-center full-live hydraulic with position & draft controls
Pump Output (gallons per minute)	11	11
3-Point Linkage	Category 1 with telescopic lower links	Category 1 with telescopic lower links
Lift Capacity (lbs.)	2835	3090
Rear Auxiliary Remote Valves	Optional 2 spool with detent in raise, lower and float position. Kickback raise and lower.	Optional 2 spool with detent in raise, lower and float position. Kickback raise and lower.

PTO

Type	Independent	Independent
PTO RPM (engine rpm)	540 @ 2404	540 @ 2404
PTO HP (kW)	29 (21.5) max.	33 (24.6) max.

Operating Weight

Total (lbs.)	4125	4367
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Dimensions

Overall Length Inches (mm)	123 (3124)	123.8 (3144)
Overall Width Inches (mm)	69.4 (1763)	73.7 (1872)
Turning Radius Min. Ft. (mts)	9.3 (2.86)	9.6 (2.94)

Tires Sizes and Options

Industrial (Front / Rear)	28x8.5-15 / 43x16-20	12-16.5 / 16.9-24
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LOADERS

ML120

Tractor Model	3535/4035
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	1960 lbs.
Breakout Force @ Pivot Pins	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	1000 rpm
Raise Boom (seconds)	10.1
Lower Boom (seconds)	5.4
Dump Attachment (seconds)	5.5
Retract Attachment (seconds)	5.3
Loader Shipping Weight	1285 lbs. (with bucket)

Skid Steer Attachments

Bucket	✓
Quick Attach Adapter	✓
Bale Spear	✓
Pallet Fork	✓

BACKHOES

485

Digging depth maximum (feet)	8' 5"
Digging force bucket (lbs.)	3895
Digging force dipper (lbs.)	2358
Backhoe Shipping Weight	1010 lbs. (with 12" bucket)



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Deming Prize
Winner - 2003



Japan Quality Medal
Winner - 2007



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