

MAHINDRA 5035 GEAR/HST

POWER & RELIABILITY

50 ENGINE HP • 43 PTO HP GEAR

41.5 PTO HP HST

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 5035 4WD GEAR/HST

ENGINE	GEAR	HST
Type	Naturally aspirated direct injection diesel	
Cylinders	4	
Cylinder Sleeve	Wet replaceable	
Engine HP (kW) @ rpm	49.5 (36.91)	
Compression Ratio	19.5:1	
Displacement cubic inch (cc)	153.9 (2523)	
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	F/R Synchro shuttle with full synchromesh on range selection	3 ranges
Number of Gears	12 F/12 R	Infinite
STEERING		
Type	Hydrostatic power	
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.)	3090 lbs.	
Rear Auxiliary Remote Valves	One standard	
PTO		
Type	Independent	
PTO RPM (engine rpm)	540 @ 2404	
PTO HP (kW)	43 (32) max	41.5 (31) max
OPERATING WEIGHT		
Total (lbs.)	4939	5389
DIMENSIONS With Industrial Tires		
Overall Length Inches (mm)	128.9 (3274)	
Overall Width Inches (mm)	75.4 (1915)	
Turning Radius Minimum feet (meters)	9.6 (2.93)	
TIRES Sizes & Options		
Ag (Front / Rear)	9.5-20 / 16.9-24	
Industrial (Front / Rear)	14x17.5 / 19.5Lx24	

LOADER ML130

WITH TRACTOR MODEL 5035 4WD GEAR/HST	
Maximum Lift Height	111.5"
Clearance with Attachment Dumped	92"
Reach at Maximum Height	24.75"
Maximum Dump Angle	40°
Attachment Rollback Angle	20°
Digging Depth Below Grade	4.5"
Lift Capacity to Full Height @ Pivot Pins (lbs.)	2700 lbs.
Breakout Force @ Pivot Pins (lbs.)	5100 lbs.
Rated Flow (Tractor System)	11 gpm
Attachment Width used for specification	75"
Attachment rated capacity used for specification	17 cu. ft.
Cycle Times @ rpm	3080 rpm
Raise Boom (seconds)	5.7
Lower Boom (seconds)	4.3
Dump Attachment (seconds)	4.9
Retract Attachment (seconds)	3.5
Loader Shipping Weight (lbs.)	1450 lbs.
OPTIONAL / SKID STEER ATTACHMENTS	
Grille Guard (with or without loader)	✓
Bucket	✓
Bale Spear	✓
Pallet Fork	✓

BACKHOES

WITH TRACTOR MODEL 5035 4WD GEAR/HST	
Backhoe Models	595
TRANSPORT	
Shipping Weight with 12" bucket (lbs.)	1487 lbs.
Transport Height (boom fully retracted)	94"
Transport Width (stabilizers up)	51"
Boom Pivot Height	16"
Overall Length	94"
OPERATIONAL	
Maximum Digging Depth	115"
Digging Depth (2 Ft.) Flat Bottom	114"
Digging Depth (8 Ft.) Flat Bottom	50"
Overall Operating Height - Fully Raised	146"
Loading Height	83"
Loading Reach	53"
Reach From Swing Post	154"
Bucket Rotation	180°
Swing Arc	180°
Stabilizer Spread Operating Position	127"
Stabilizer Down Below Grade	10"
System Relief Valve Setting	2750
Digging Force - Bucket (lbs.)	5710 lbs.
Digging Force - Dipper (lbs.)	3188 lbs.



Mahindra

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