

MAHINDRA  
**5035**  
GEAR/HST/PST

**POWER & RELIABILITY**

**50 ENGINE HP • 43 PTO HP GEAR  
41.5 PTO HP HST  
43 PTO HP PST**

**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/PST

ENGINE	GEAR	HST	PST
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	N/A	Wet
TRANSMISSION			
Type	F/R Synchro shuttle with full synchromesh	3 ranges	F/R Hydraulic shuttle with full synchromesh
Number of Gears	12 F/12 R	Infinite	12 F/12 R
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.)	3090		
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	43 (32) max
OPERATING WEIGHT			
Total (lbs.)	4939	5389	4939
DIMENSIONS With Industrial Tires			
Overall Length Inches (mm)	128.9 (3274)		
Overall Width Inches (mm)	75.4 (1915)		
Turning Radius Min. 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/PST	
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
Breakout Force @ Pivot Pins (lbs.)	5100
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
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

### OPTIONAL / SKID STEER ATTACHMENTS

Grille Guard (with or without loader)	✓
Bucket	✓
Bale Spear	✓
Pallet Fork	✓

## BACKHOES

WITH TRACTOR MODEL 5035 4WD GEAR/HST/PST	
Backhoe Models	595
TRANSPORT	
Shipping Weight with 12" bucket (lbs.)	1487
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
Digging Force - Dipper (lbs.)	3188

