



# 5035 [50HP] SYNCHRO SHUTTLE | HYDROSTATIC



**FREE 3 YEAR WARRANTY**

**No.1** TRACTOR COMPANY IN THE WORLD BY VOLUME\*

Photographs may show overseas models or illustrate non standard equipment. Please read your Mahindra Tractor manual carefully prior to operation. ^3 year engine and powertrain warranty. #Mahindra & Mahindra Ltd is the No1 Tractor company in the world by volume.

**Mahindra**  
*Rise.*

**5035 4WD/HST  
SUPERIOR PERFORMANCE**

**HIGHLY COMFORTABLE OPERATOR ENVIRONMENT** These tractors come standard with a list of deluxe features that offer supreme comfort and ease of operation to the operator. The fully flat operator deck is covered with a rubber mat, side shift gear controls and the suspended brake and clutch pedals provide lots of legroom and a roomy work area. The deluxe seat features wide formed cushions, adjustable suspension and armrests. Coupled with the tiltable steering column, the operator can select the best suited driving position, just what's needed for those long hauls.



**HYDROSTATIC** The new 3 range Hydrostatic transmission makes it easy for customers to operate 50 horsepower of tractor while maintaining precision in speed adjustment.

**CRUISE CONTROL** The cruise feature allows the operator to operate the forward motion of the tractor entirely via the Cruise lever. The operator can use the forward pedal and engage cruise, then move your cruise lever back and forward to achieve your desired speed. Use either the brake pedal or pull the cruise lever back to stop the tractor. To go backwards use the foot operated reverse pedal.

**SYNCHRO SHUTTLE** The Synchromesh transmission provides smooth shifting on the move in every gear. The 12 forward and 12 reverse speeds maximise performance with a choice of speeds. The dedicated left hand synchronised reverser provides smooth control for maximum productivity during intensive loader and headland operations.

**HEAVY DUTY FRONT AXLE** The heavy-duty front axle ensures maximum reliability in loader and field operations. The bevel gear front axle with a responsive hydrostatic steering provides a tight steering angle, so getting in and out of confined areas is easy.



**Compare these Mahindra models for:**

- Deluxe features, roomy and uncluttered flat platform
- Synchro Shuttle / Hydrostatic transmission
- Number of transmission speeds and full synchromesh gear shift
- Electro-hydraulic PTO engagement
- Overall tractor weight
- Loader lift capacity



**5035 4WD/HST  
LOADERS AND BACKHOES**

- ML SERIES OF LOADERS**
- Rugged mainframe with durable boom structure mounted rigidly across chassis
  - **Self Level Design** Linkages on loader maintain bucket in horizontal position, just by operating the boom, offering safe work performance
  - **Quick Hitch Design** Switching from buckets to pallet forks, bale spikes etc. is easier and quicker
  - **Quick Attach Design** The loader can be easily installed and removed with just two pins.

**LOADER SPECIFICATIONS**

LOADER MODEL	ML450
TRACTOR MODEL APPLICABLE	5035-4WD/HST
Maximum Lift Height	2772 mm
Clearance with Attachment Level	2484 mm
Clearance with Attachment Dumped	1956 mm
Reach at Maximum Height	556 mm
Maximum Dump Angle	60°
Digging Depth Below Grade	180 mm
Overall Height in Carry Position	1550 mm
Depth of Attachment (to back of inner shell)	591 mm
Height of Attachment	581 mm
Depth of Attachment (to pivot pin)	801 mm
Lift Capacity to Full Height at Pivot Pins	1089 kgf
Safe Working Load	700 kgs with Ballast
Breakout Force at Ground Level, Pivot Pins	2364 kgf
Relief Valve Setting (Loader Control Valve)	180 kg/cm <sup>2</sup>
Attachment width used for specification	1828 mm
Bucket capacity	0.33 cu.m
Bucket Level indicator	Standard
OPTIONAL ATTACHMENTS (for all models)	Grill guard, bale spikes, pallet forks and 4-in-1 buckets

**BACKHOE SPECIFICATIONS**

BACKHOE MODEL	MBH65
TRACTOR MODEL APPLICABLE	5035-4WD/HST
Digging Depth (to foot flat bottom)	2400 mm
Reach from centre line of swing pivot	3460 mm
Loading Height (bucket at 60°)	2040 mm
Max. Leveling Angle	10°
Swing Arc	180°
Transport Height (max)	2360 mm
Transport Overhang	1280 mm
Bucket Rotation	180°
Shipping weight	500 kg
Bucket Digging Force	1700 kgf
Dipperstick Digging Force	1000 kgf
Standard Bucket Sizes	12"
Optional Bucket Sizes	18" and 24"

DESIGNED TO BE FITTED ONLY IN COMBINATION OF MAHINDRA OFFERED LOADERS



**PROVEN QUALITY - JAPAN QUALITY MEDAL WINNER**

Quality is paramount at Mahindra and we are proud to be the first and only tractor manufacturing company in the world to win the Japan Quality Medal (JQM), a laurel truly hard to earn. It is universally acclaimed as the highest award presented to a company following Total Quality Management (TQM) practices in their entire business operations. JQM recognizes a high level of customer focus, improvements in overall quality and excellence in business processes.



**JAPAN QUALITY MEDAL WINNER**

**PUSH MORE. PULL MORE. LIFT MORE.**  
With a Mahindra Tractor

**FREE 3 YEAR WARRANTY**

FOR MORE INFORMATION ON MAHINDRA PRODUCTS, VISIT:  
[WWW.MAHINDRA.COM.AU](http://WWW.MAHINDRA.COM.AU)

## 5035 4WD/HST SPECIFICATIONS

	5035 4WD	5035 HST
<b>ENGINE</b>		
Compression Ratio	19.5 : 1	
Cylinders	4	
Displacement	2523 cc	
Max Engine HP (kW) @ rpm	50 (36.40) @ 2800 rpm	
Type	Naturally aspirated, direct injection, diesel engine	
<b>ELECTRIC</b>		
Alternator	12 volt, 45 amps	
Battery Capacity	12 volt, 77 amp hours	
<b>CLUTCH</b>		
Type	Main – single plate dry; PTO – wet multidisc	
<b>TRANSMISSION</b>		
Transmission	Synchro Shuttle	Hydrostatic
Number of Gears	12 forward, 12 reverse	Infinite
Type	Forward-reverse synchro shuttle with speed synchromesh and range constant mesh	3 Range HST
Forward/Reverse Operation	Synchro Shuttle	Forward/Reverse pedals with Cruise Lever
<b>FRONT WHEEL DRIVE</b>		
Type	Mechanical engagement	
<b>STEERING</b>		
Steering Pump Output (l/min)	20.2	
Type	Hydrostatic power	
<b>BRAKES</b>		
Type	Wet disc	
<b>HYDRAULIC SYSTEM</b>		
3-Point Linkage	Category I, w/ telescopic lower link and stabiliser	
Auxiliary Remote Valves (1 set standard)	Single spool double acting	
Lift Capacity	1402 kgs	
Pump Output (l/min)	41.6	
Type	Open centre, full-live hydraulic with position and draft controls	
<b>PTO</b>		
Max PTO HP (kW)	43 (32.6)	41.5 (31)
PTO RPM @ Engine RPM	540 @ 2404 rpm	540 @ 2404 rpm
Type	Independent with electro-hydraulic engagement	Independent with electro-hydraulic engagement
<b>OPERATING WEIGHT</b>		
Total	2100 kgs (5035 4WD)	2400 kgs (5035 HST)
<b>DIMENSIONS</b>		
Overall Length	3274 mm	
Overall Width	1915 mm	
Turning Radius	3150 mm	
<b>TYRES</b>		
Standard Ag (Front / Rear)	9.5x20 / 16.9x24	
Optional Industrial (Front / Rear)	12x16.5 / 16.9x24	
Optional Ag (Front / Rear)	9.5x16 / 14.9x24	

### Mahindra Ag and Auto Australia

4 / 20 Buttonwood Place, Willawong QLD 4110 Australia  
Phone: +61 7 3213 1211 Fax: +61 7 3213 1215

 FIND US ON FACEBOOK  
[FACEBOOK.MAHINDRAAG.COM.AU](https://www.facebook.com/MAHINDRAAG.COM.AU)

### DEALER DETAILS

**PUSH MORE. PULL MORE. LIFT MORE.**  
With a Mahindra Tractor

**FREE 3 YEAR  
WARRANTY**