

## ENGINE:

Four stroke, direct injection, water cooled diesel, comply w/ US TIER-4 final norms  
**Type:** Naturally aspirated direct injection diesel

**Engine HP [kW] @ RPM:** 38.7 [28.9] @ 2400

**Displacement (in3):** 167

**Number of Cylinders:** 4

**Firing Order:** 1-3-4-2

**Bore & Stroke (in):** 88.9 mm (3.5 in.) \* 110 mm (4.33 in.)

**Compression Ratio:** 18.7:1

**Low Idle RPM:** 970-1030

**High Idle RPM:** 2570-2630

**Injection Pump:** BOSCH CB18-2L OHWCW

**Accelerator :** Hand lever & pedal

**Muffler:** Under hood muffler & downswept exhaust

**Air Cleaner:** Dry Type Air Cleaning System with Double Filter

**Fuel:** Ultra Low Sulfur Diesel

**Fuel Tank gal (L):** 7.7 (29)

## POWER TAKE OFF:

**Type:** Independent

**PTO Operation:** Clockwise from rear of tractor

**Rear PTO RPM:** 540 @ 2376

**Mid PTO RPM:** 2000 (Opt.) @ 2526

**PTO HP [kW]:** 29.9 (22.3)

## DASH INSTRUMENTS:

Tachometer & Hour Meter

Fuel Gauge

Temperature Gauge

Indicators for Warning Messages

4WD Drive Lamp

## SAFETY EQUIPMENT:

Foldable ROPS w/ retractable Seat Belt

Safety Start Switches

Turn Signals/ Hazard Light

Mechanical Wet Disc Brakes

Electric Key Shut Off

Parking Brake Indicator on Dash

Water Temperature Gauge

## DRIVE TRAIN:

**Transmission:** Synchromesh on Shuttle (Forward-Reverse Position) and main Gear Shift of constant mesh

**Number of Speeds:** 8F/ 8R

**Clutch:** Dry-Single

**Brakes:** Wet Disc

## HYDRAULICS:

**Type:** Open Center

**Steering Pump Output gpm (L/min):** 3.4 (12.8)

**Implement Pump Output gpm (L/min):** 7.7 (29)

**Maximum Total Flow gpm (L/min):** 11.4 (41.8)

**3-Point Hitch:** CAT I with Telescoping

Stabilizers & Flex Links

**Lift Capacity lb (kg):** 2646 (1200)

**Standard Rear Valve Fitment:** 2205

## OPERATOR STATION:

7 Pin socket [Optional]

Debris Shield

Wide Platforms Steps

Color Coded Controls

Toolbox

mComfort Seat w/ foldable armrests

## FRONT AXLE:

Power Steering

Center Pivot, Reverse Eliot Type

Level Gears for Wider Steering

## ELECTRICAL:

**Battery :** 12 V, 925 CCA

**Alternator:** 12 V, 90 A

**Starter Capacity:** 12 V, 2.2 kw with Solenoid Switch

**Lights:** Headlights, Tail Lights and Stop Lights

**Gauges:** Indicators for: Glow plug, Charge, Engine Oil Pressure

**Switches:** Safety start switches (Rnage lever, PTO lever, Clutch pedal)

**Cold Temperature Starting Aid:** Starter motor with pre-heater

**Indicator Lights:** 2 Rear signal lights

## DIMENSIONS:

**Paint:** 110.4 (2804)

**Overall Length in (mm):** 127.8 (3246)

**Overall Width in (mm):** 62 (1574)

**Overall Height in (mm):** 91.5 (2324)

**Wheelbase in (mm):** 76.9 (1953)

**Minimum Ground Clearance in (mm):** 12.8 (325)

**Weight lb (kg):** 3186 (1448)

## WHEELS & TIRES:

**AG [Front/Rear]:** 7 x 16 / 11.2 x 24

**IND [Front/Rear]:** 28 x 8.5-15 / 43 x 16-20

## CAPACITIES:

**Fuel Tank gal. (L):** 7.7 (29.1)

**Cooling System gal. (L):** 1.4 (5.2)

**Engine Oil gal. (L):** 1.6 (6)

**TRANS & DIFF gal. (L):** 8.7 (32.9)

**Front Axle & Final Drive Case gal. (L):** 1.2 (4.5)

## Unit Pricing

MATERIAL CODE	DESCRIPTION**	REFERENCE NUMBER	SHIPPING WT lb. (kg)	MSRP
16404FS*	1640 SHU 4WD	016995M00	3186 (1445)	\$22,071.00
16404FS*L	1640 SHU 4WD, Loader	021064M00	3966 (1798)	\$27,355.00
16404FS*LB	1640 SHU 4WD, Loader, Backhoe	027162M00	5216 (2365)	\$35,274.00
16404FS*M	1640 SHU 4WD, Mower**	020858M00	3778 (1713)	\$27,088.00
16404FS*LM	1640 SHU 4WD, Mower**, Loader	024927M00	4558 (2067)	\$32,372.00

## WHOLEGOOD OPTIONS

### Bucket Options

DESCRIPTION	PART NUMBER	REFERENCE	MSRP
12" bucket	MHB1782	0297M0000	\$424.30
16" Std Bucket	MHB1783	0308M0000	\$440.00
20" Bucket	MHB1784	0330M0000	\$471.40
24" Bucket	MHB1785	0341M0000	\$487.10
9" Bucket	MHB1781	0253M0000	\$361.40

### Mid Mower

DESCRIPTION	PART NUMBER	REFERENCE	MSRP
72" Mid Mower with mid-PTO	AEM164072MPTO	03750M0000	\$5,357.10

## PART OPTIONS

DESCRIPTION	PART NUMBER	REFERENCE	MSRP
Ballast Box (Category 1 - 7.5 Cubic Foot)	KMW16011139	0659M0000	\$941.40
Block Heater Assembly	PHI3100093	051M2500	\$73.20
Grill Guard	KMW15902095	0257M0000	\$367.10
Mid PTO Kit	MPMT43338	0636M0000	\$908.60
Mulch Kit	AMEMHM728	0250M4000	\$357.70
Single Spool Auxiliary Valve Kit	SVDMT43338	0712M5000	\$1,017.90
Third Function Diverter Valve Kit	KMW15902114	01147M5000	\$1,639.30
Thumb Kit	AMEMHB1746	0498M6000	\$712.30

**1600 SERIES ›** 1626 HST | 1626 SHUTTLE | 1635 HST | 1635 HST CAB | 1635 SHUTTLE  
1640 HST | 1640 HST CAB | 1640 SHUTTLE

# 1600 SERIES

25.9-38.7 HORSEPOWER

## OUTSTANDING PERFORMANCE. GREAT VALUE.

1600 series tractors give you the best of both worlds. Optimal for light- to medium-application labor, these premium compact utility vehicles offer both a small footprint and a competitive lift capacity, along with deluxe features designed to keep you comfortable.



## WORK CONFIDENTLY IN ANY CONDITION

### ENGINE ›

This 3- or 4-cylinder low RPM engine offers a longer life span, less fuel consumption, and a quieter, smoother ride.

### TRANSMISSION ›

Whatever your transmission preference, the 1600 series gives you what you want. Choose between either 8F/8R synchro shuttle or 3-range HST.

### BATTERY POWER ›

Don't let the weather stop you ever again. 1600 series tractors come standard with the highest cold cranking amps in its class, allowing for your battery to start in even the coldest conditions.

### WEIGHT ›

The 1600's heavy operating weight means better traction, stability, and safety.

### LIFT CAPACITY ›

With both the highest 3-point lift capacity (rear) and the highest loader lift capacity (front) in their class, 1600 series tractors help you work faster and more efficiently.

### COMFORT ›

With Mahindra's own mComfort Seat™, offering extra cushion with foldable armrests and retractable belt, you'll have the ergonomic support you need to work comfortably until the job is done.



**Ideal Uses:** Specialty / Hobby Farming | Rural Lifestyle  
Equine | Home | Grounds Maintenance / Municipal

## KEY ADVANTAGES



### 1635 HST CAB



#### MORE BATTERY POWER

Ideal for snow work if packaged with Mahindra's wide range of snow removal implements.



#### COMFORT & CONVENIENCE

Enjoy a tractor with the comfort to make the long days easier. Cup-holder, easily accessible 12V socket, mounted toolbox, and Mahindra's own extra-cushioned mComfort seat come standard.



#### EXTENDABLE FLEX LINKS

All 1600 series tractors have available extendable flex links (standard on 1635 & 1640) to adjust the 3-point and easily mount any implement.

# 1600SERIES



## NO DIESEL PARTICULATE FILTER

Eliminate lost time, high maintenance costs, and unnecessary frustration with Mahindra's innovative mCRD Engine.



## LARGE FUEL TANK

7.1 or 7.7-gallon fuel tank capacity (depending on model) allows for extended use between fill-ups.



## EASY MAINTENANCE

Lift-up hood and side panels allows for easy access to battery, air filter, and fuel tank. Servicing your vehicle is as easy pushing a button.

## 1600 SERIES ATTACHMENTS

TRACTOR	1626 HST	1626 SHUTTLE	1635 HST	1635 HST CAB	1635 SHUTTLE	1640 HST	1640 HST CAB	1640 SHUTTLE
LOADER MODEL	1626L		1635L	1635CL	1635L	1640L	1640CL	1640L
Standard Bucket Size [in]	62			62			64	
Maximum Lift Height [in]	86			87			99	
Dig Depth [in]	4.5			4.25			6	
Lift Capacity to Full Height at Pivot Pin [lbs]	1560			1650			1650	
Breakout Force [lbs]	2795			2650			2650	
Shipping Weight [lbs]	774			780			780	
BACKHOE MODEL	1626B		1635B	N/A	1635B	55B	26B	55B
Standard Bucket Size [in]	12 or 16		16	N/A	16	16	12	16
Maximum Dig Depth [in]	86		86	N/A	86	95	80	95
Dig Depth 2' Flat Bottom [in]	84		84	N/A	84	93.5	78.5	93.5
Dig Force Bucket [lbs]	2440		2440	N/A	2440	3439	2270	3439
Dig Force Dipper [lbs]	1510		1510	N/A	1510	2214	1248	2214
Shipping Weight [lbs]	840		840	N/A	840	1250	610	1250
MOWER MODEL	1672N		70M			72M		
Type	Side Discharge							
Cutting Width [in]	72							
Cutting Height [in]	1-4							
Transport Height [in]	5							
Lift Linkage Type	Wrap Around Type							
Height Adjustment	Bushing Adjust							
Number of Blades	3							
Blade Tip Speed [FPM]	18350							
Weight [lbs]	592							
Adjustable Anti-Scalp Wheels	Ground Following							

## 1600 SERIES SPECIFICATIONS

TRACTOR	1626 HST	1626 SHUTTLE	1635 HST	1635 HST CAB	1635 SHUTTLE	1640 HST	1640 HST CAB	1640 SHUTTLE
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### ENGINE

Type	Four-stroke, Naturally Aspirated, Indirect Injection, Water Cooled Diesel Engine	Four-stroke, Naturally Aspirated, Direct Injection, Water Cooled Diesel Engine	
Engine HP (kW) @ RPM	25.9 (19.1) @ 2500	36.2 (27) @ 2500	38.7 (28.9) @ 2400
Displacement [in³ (cc)]	80.4 (1318)	125 (2048)	166.7 (2732)
Number of Cylinders		3	4
Fuel Tank [gal (L)]	7.1 (27)	7.7 (29)	

### DRIVE TRAIN

Transmission	HST - 3 Ranges	Constant mesh on gearshift and synchromesh on F-R shuttle	HST - 3 Ranges	Constant mesh on gearshift and synchromesh on F-R shuttle	HST - 3 Ranges	Constant mesh on gearshift and synchromesh on F-R shuttle
Number of Speeds	Infinite	8F / 8R	Infinite	8F / 8R	Infinite	8F / 8R
Clutch	Dry-Single					
Brakes	Wet Disc					

### PTO

Type	Live	Independent	Live	Independent	Live	Independent
Rear PTO RPM	540 @ 2376					
Mid PTO RPM	2000 (Opt.) @ 2526					
PTO HP (kW)	19 (14.2)	21.5 (16)	26 (19.4)	27.6 (20.6)	27.7 (20.6)	29.9 (22.3)

### HYDRAULICS

Type		Open Center	
Implement Pump Output [gpm (L/min)]	7.5 (28.5)	7.7 (29)	
Maximum Total Flow [gpm (L/min)]	10.8 (40.7)	11.4 (41.8)	
3-Point Hitch	CAT I with Telescoping Stabilizers	CAT I with Telescoping Stabilizers & Flex Links	
Lift Capacity [lb (kg)]	2646 (1200)		

### ELECTRICAL

Battery	12 V, 540 CCA		12 V, 925 CCA					
Alternator	12 V, 50 A		12 V, 90 A					

### DIMENSIONS

Overall Length [in (mm)]	121.3 (3081)		123.8 (3144)			127.8 (3246)		
Overall Width [in (mm)]			63 (1600)			62 (1574)		
Overall Height [in (mm)]	81.5 (2070)		90.2 (2290)	88 (2235)	90.2 (2290)	91.5 (2324)	89.4 (2270)	91.5 (2324)
Wheelbase [in (mm)]	67.3 (1709)		73 (1854)			76.9 (1953)		
Minimum Ground Clearance [in (mm)]	11.4 (289)		12.2 (310)			12.8 (325)		
Turning Radius [ft (m)]	7.9 (2.4)		8.5 (2.6)			9.2 (2.8)		
Weight [lb (kg)]	2459 (1115)	2437 (1105)	3075 (1395)	3527 (1600)	3086 (1400)	3175 (1440)	3627 (1645)	3186 (1448)

### WHEELS & TIRES

AG [Front/Rear]	7 x 16 / 11.2 x 24							
IND [Front/Rear]	27 x 8.5-15 / 15 x 19.5		28 x 8.5-15 / 43 x 16-20					
TURF [Front/Rear]	25 x 8.5-14 / 13.6 x 16					27 x 10.5-15 / 41 x 14-20		