

SPECIFICATIONS

5010 HST Cabine

ENGINE

Four strokes, Indirect injection, water-cooled

Diesel Engine.

Model : 4B243LW
 No. of cylinders : 4
 Displacement : 2,435 Liters
 Bore : 87mm
 Stroke : 102.4mm
 Compression Ratio : 22.1
 Rated power (HP) : **49/2600 rpm**

(Manufacturing rating)

Rated Speed : 2,600/ rpm
 High idle rpm : 2,800 ± 50 RPM
 Low idle rpm : 1000 ± 50
 Fuel injection pump : BOSCH PFR
 TYPE.
 Cylinder sleeve : -
 Air Cleaner : Dry Filter element,
 paper element
 filtering type.
 Exhaust Muffler : Horizontal
 External type
 Firing order : 1-3-4-2
 Accelerator : Hand Accelerator

ELECTRICAL STARTING AND LIGHTING

Battery Capacity : 12 Volt 80AH
 Starter : Solenoid Engaged.
 Key Start with
 interlock,
 Neutral switch
 Alternator : 12V 50A
 Instrumentation : Water Temperature
 Gauge,
 Taco meter, Hour
 meter,
 Electrical fuel
 level gauge.
 Lighting:
 indicators,
 Head lamps, side
 Rear parking brake
 & indicator light
 On dash board
 indicators
 for battery charging,
 turn
 signal, PTO signal,
 Engine
 oil pressure,
 Preheat signal. .

TRANSMISSION

Type : HST
No. of gears : Infinite (3 ranges)

STEERING : Hydraulic power
(Power steering)

POWER TAKE OFF

Rear mounted : 6 splines
Diameter : 1 $\frac{3}{8}$ in.(35mm)
Standard PTO : Rear ①540 rpm

BRAKES

Foot operated, independent with provision of inter lock for simultaneous operation. A foot brake is fitted for parking.

Disc Diameter : Φ 183mm(Φ 7.2in)
Number of lining : 4 each side
Total brake thickness : 21.1mm(0.83in)

HYDRAULIC SYSTEM

Independent fully “Live” hydraulic pump and separate reservoir.
Position control & Draft control

Piston and cylinder Lift : 1503 Kgf
(at lower link end)

Pump output :

Main : 14.0 cc/rev (36.1 l/min)

Power Steering : 6.5 cc/rev (19 l/min)

3 point linkage : USA -Category 1
EU-Category 2

► MAIN SPECIFICATIONS

MODEL		5010HST Cab	MODEL		5010HST Cab
Engine	Maker	Daedong	Engine	Fuel	Diesel
	Model	4B243LW		Fuel Tank capacity	60 ℓ (15.85 US gal)
	Type	Water cooled 4 cycle 4 cylinder diesel		Electrical	Battery
	Output (hp/rpm)	49/2600rpm	Starting system		Starter motor with pre-heater
	Number of Cylinder	4	Starter Capacity		2.0KW
	Displacement (cc)	2,435	Drive Train	Alternator	12V 50A
	Bore and Stroke	87×102.4mm (3.413×4.0315inch)		Transmission	HST/3 Ranges
	Compression ratio	22:1		MFWD(4WD)	Standard
	Firing order	1-3-4-2		Differential lock	Bevel gears with diff-lock
	Injection pump	In Direct		Brakes	Wet disc, mechanical
	Lubrication type	Forced circulation		Steering	hydraulic
	Cooling system	Water cooled, Forced circulation			
	Coolant capacity	8.9 ℓ (2.35 US gal)			
	Air cleaner	Dry Dual Element			
	Muffler	Horizontal / side			

MODEL		5010HST Cab		
Clutch	PTO	Multiple wet disk		
Dimensions	Overall length (mm)	3208 (126.3 inch)		
	Overall width (mm)	1,591 (62.6 inch)		
	Overall Height (mm)	2,500 (98.4 inch)		
	Wheel base (mm) (Distance between shafts)	1,872 (73.7 inch)		
	Min. Ground Clearance (mm)	350 (13.8 inch)		
	TYPE	DIVISION	TYRE	Tread
	AG	FRONT	9.5x16 6PR TL Hi Trac Lug	52 inch
		REAR	14.9x24 6PR TL Hi Trac Lug	52.5 inch
	IND	FRONT	12x16.5 6PR TL Trac Loader	56 inch
		REAR	16.9x24 8PR TL Ind Tractor	53 inch
Axle type	Front	Center pin		
	Rear	Central axle		

Implement	Operation	Hydraulic
	Mounting method	3-Point hitch
	Drawing method	Extendable Drawbar
	3-Point hitch category	Category 1
	Hydraulic-control	Position

Traveling Speed : Km/hour (mile/hour)		
MODEL	5010HST Cab	
Range shift	Forward	Reverse
L (km/h)	0 ~ 6.0 (3.72)	0 ~ 6.0 (3.72)
M (km/h)	0 ~ 11.3 (7.02)	0 ~ 11.3 (7.02)
H (km/h)	0 ~ 28.4 (17.65)	0 ~ 28.4 (17.65)

*The specifications are subject to change for improvement without notice.

Section - C

CABINE

The cab fully conforms to the international standard as far as safety and soundproofing are concerned.

It can be provided with ventilation, heating and air-conditioning system.

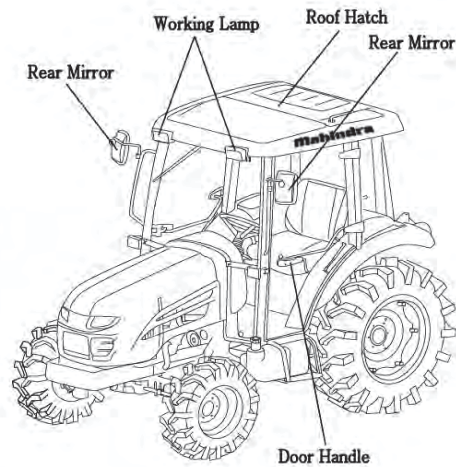
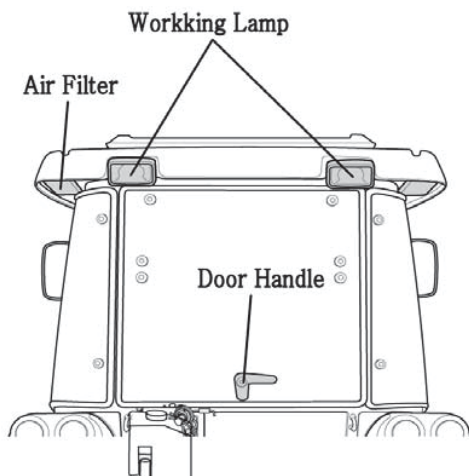
It is available in the following version.:

- Cab with ventilation and heating systems
- Cab with ventilation, heating and air-conditioning systems.



The cab is in full conformity with the international standards as to the cab's soundproofing.

Be very careful when operating in small spaces and always protect your ears whenever other working equipment is generating dangerous noise levels.



■ **Re-circulation inlets fully closed:**

Air is taken in entirely from outside the cab through the rear grille and filtered through a paper element positioned behind the grille.

N.B.-it is very important that the air diffusers never be completely closed so as to allow for a steady air flow.

To obtain a greater pressurization inside the cab, it is necessary to take the air from the outside, therefore the inside air recirculation grille should be fully closed.

■ **Working lamp switch**

The front and rear working lights are ON when push the button.
The work light

indicator lamp on the instrument cluster will illuminate.

■ **Wiper control switch**

- Switch ON

The Wiper switch is ON when Push the Top button.

The Washer switch is ON when Push the Mid-button.

- Switch OFF

Once again push the buttons.

■ **Windscreen Washer tank**

Check the level of windscreen washer fluid in the plastic reservoir located at the

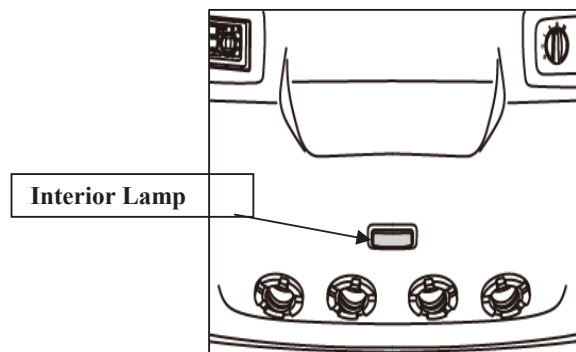
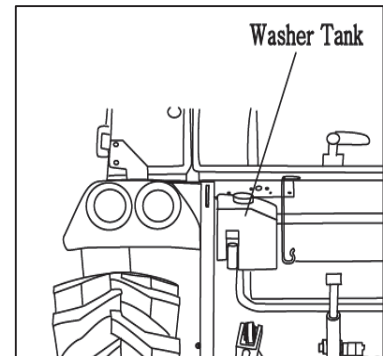
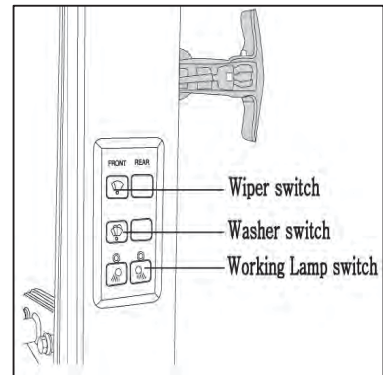
Real Of the Cab. During winter, it is advisable to add a suitable antifreeze or

methyl alcohol to the windscreen washer fluid.

■ **Interior Lamp**

Push the button to light on

And push it again to light off



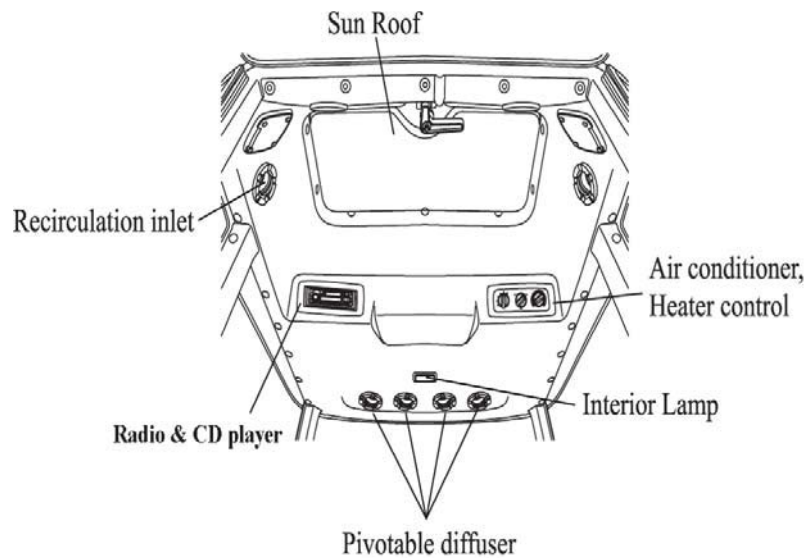
■ Cab ceiling:

The ceiling is padded with insulation material to block heat radiation into the cab and keep the temperature down when working in very sunny areas.

The cab platform is covered with a “firm grip” carpet in the most commonly used areas.

It is recommended to keep this carpet clear of earth, mud, etc. so that the operator may get on and off the tractor in full safety.

► How to Controls Cabin



■ Ventilation

The ventilation unit is housed in the cab ceiling.

To switch it on and adjust it, turn the electrical fan switch to the desired speed.

The cab becomes slightly pressurized when the ventilation system is in operation, so that the fresh air can enter only by way of the filter installed in the rear section of the cab roof.

The fan switch can be operated only after the ignition key is inserted.

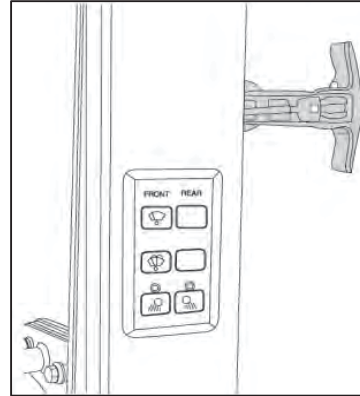
The air flow can be regulated and directed by suitable positioning the air diffusers.

Air can be taken in fresh from outside or recirculated from within the cab by way of the relative side inlets.

■ Side Window:

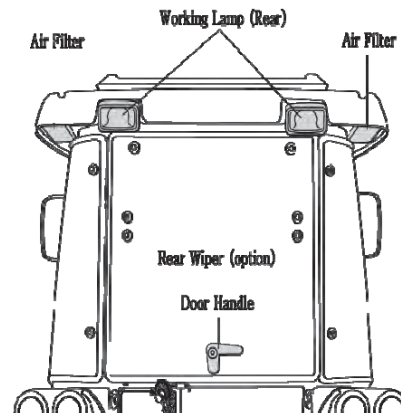
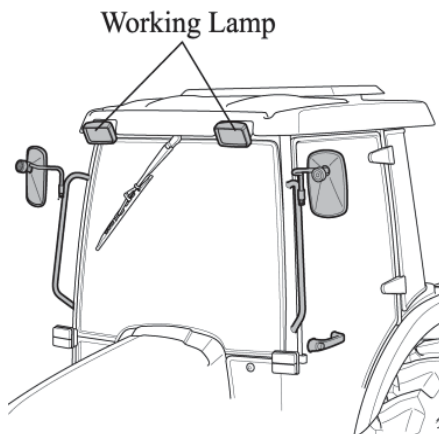
The side window is fitted with central handle for opening.

When opened it is held in place by holder.



■ Working lamps (front and rear) :

The working lamps are located on the cab roof (two in the front and two in the rear) .They are switched on by means of the special switches on the roof console



■ Rearview mirrors.:

The cab is provided with rearview mirrors on both sides. They can be adjusted and folded, whenever necessary, to avoid interference with external obstacles.

The mirror have a telescopic arm to allow positioning for maximum convenience by the user.

Remember that mirrors must always be positioned in compliance with road traffic regulations when driving on a public highway.