



OPTION

▼Grass Collector



▼Mower Deck



▼Cabin



Model		PM500	PM500
Container Capacity	litre	500	700
Dumping Height	mm	1,750	2,000

SPECIFICATIONS

MODEL		CM214	CM314	CM374
<b>Engine</b>				
Model		S773	N843	N843L
Type		Water-Cooled Diesel Engine		
No. of Cylinder		3		
Gross Horsepower	hp(kW)/rpm	21.5(16.0)/2,700	30(22.4)/2,700	36(26.8)/2,700
Displacement	cc	1,005	1,496	1,662
Fuel Tank	ℓ	28		50.5
Alternator	volt-amp	12-20		12-40
<b>Dimensions</b>				
Overall Length	mm	2,130		2,145
Overall Width	mm	1,000		1,365
Overall Height(with ROPS)	mm	1,875		1,935
Minimum Ground Clearance	mm	125		150
Wheel Base	mm	1,050		1,250
Tread Width-Front	mm	800		990
Tread Width-Rear	mm	830		995
Weight with ROPS	kg	530	755	770
Tire Size-Front		20x10-4PR		24x13.00-12 6PR
Tire Size-Rear		16x6.5-4PR		20x8.00-10 6PR
<b>Front PTO</b>				
Type		Belt Drive		Wet Multi Plates
Shaft		25.4mm Diameter, Spline		
Rated Speed(@ Engine Speed)	rpm	2,200(@2,700rpm)		2,209(@2,700rpm)
<b>Side PTO</b>				
Type		(Standard)		(Option)
Shaft : PTO		Live		Live
PTO RPM(at 2700rpm)	rpm	2,200(@2,700rpm)		2,700(@2,700rpm)
<b>Transmission</b>				
Type		HST		
Drive		Auto 4WD or Full Time 4WD		
Range		Single		2-Range
Travelling Speed-Forward	km/h	0-14.0		0-24.5
Travelling Speed-Reverse	km/h	0-8.0		60%~70% of Forward Speed
Speed Control		2 Pedals (Forward and Reverse)		
Brake		Wet Disc (Single Pedal Control)		
<b>Control/Safety System</b>				
Mower Lifting		Hydraulic		
Steering		Hydraulic		
ROPS		2-Post ROPS		
Parking Brake		Standard		
Seatbelt		Standard		
Auto. Engine Stop Feature		Standard		
Safety Engine Starting Switch		Standard		
<b>Mower Deck(OPTION)</b>				
Type		48inch Side Discharge	60inch Side Discharge	72inch Side Discharge
Cutting Height	mm	25-115	38-115	38-115
Cutting Width	mm	1,220	1,520	1,830
Weight	kg	120	175	204

**Important information** ●Improper use of any product may cause serious or fatal injury. Read, understand and follow carefully the operating and safety instructions in your owner's manual before using such products.

※We reserve the right to discontinue models or change specifications without notice.



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**FRONT MOWER**  
CM214•CM314•CM374

**SHIBAURA**



Explore the Engineering Edge  
**IHI GROUP**

IHI Shibauro Machinery Corporation

# The Way of the Red

Shibaura continuous evolution spirit give you supreme grass cutting performance in New CM-series.



## Operator Comfort

- Tilt and telescope steering column. (for CM314 & CM374 only)
- Comfort, Easy Adjust Seat with sliding and reclining feature. (for CM314 & CM374 only)
- Simple and easy-to-see instrument panel.
- Cruise control. (for CM314 & CM374 only)
- Flat floor & sufficient leg room. (especially for CM314 & CM374)

## Operational Usability

- Hydrostatic transmission (one range for CM214 and two range for CM314 & CM374) gives you precise control over speed and direction.
- Auto/Full time 4WD provides smooth driving under any ground conditions.
- Optional Remote valve Kit for Grass Collector and another implements. (for CM314 & CM374 only)
- Large fuel tank (50.5 liters) allows you a full day operation without refueling. (for CM314 & CM374 only)

## Safety-Oriented

- Automatic engine stop feature makes the engine stop when you leave the driver's seat.
- Warning alarm device works when engine is overheated. (for CM314 & CM374 only)

## Accessible Maintenance

- One-piece full open hood provides wider accessibility to the engine.
- Flip-up mower deck with the drive shaft connected to the machine provides unobstructed access to deck and cutting blade.
- Gas damper helps you pull the driver's seat easily to access to the space under the seat. (for CM314 & CM374 only)



Flip-up mower deck   Hydrostatic transmission   Dual-element air filters

## SHIBAURA COMPACT DIESEL ENGINE-THE ONE YOU CAN TRUST

### Low-emission diesel engine

The Shibaura diesel engines mounted on the CM-series Out Front Mower are environmentally friendly. It meets the US EPA Interim Tier-4 which is recognized as one of the toughest emission criteria in the world at present.

Besides, the engine design takes the EU DGXI Stage 3A emission regulation into account.

In order to satisfy upcoming emission control regulations, Shibaura will design its diesel engine to achieve better combustion efficiency, emission and less fuel consumption.



### Low Noise and Low Vibration

The Shibaura diesel engines realize low noise and low vibration in the whole engine revolution range.

The engine has proper rigidity of the cylinder block and gear case cover, which helps reducing its mechanical and combustion noise.

### Compact and Light-Weight

Applying Finite Element Method (FEM) for structural analysis, Shibaura designs its diesel engine to be compact and light-weight on the basis of the appropriate balance of rigidity, strength and weight.

### Easy Maintenance

The Shibaura diesel engines are ideal when it comes to easy maintenance. On one side of the engine, you can check the oil level, replace the oil filter and complete some other necessary maintenance.



**CM214** 21.5hp(16.0kW)

**CM314** 30hp(22.4kW)

**CM374** 36hp(26.8kW)