



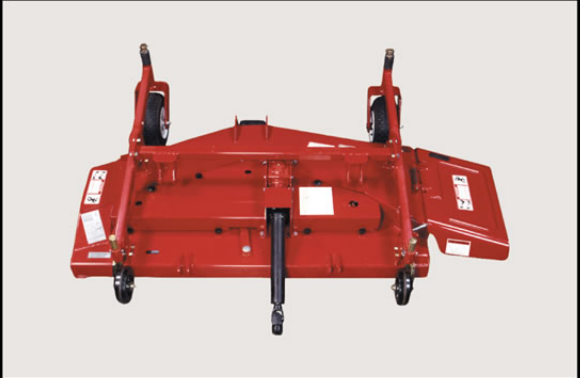
OPTION

▼Grass Collector



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

▼Mower Deck



▼Cabin



SPECIFICATIONS

MODEL	CM214	CM314	CM374	
Engine				
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	

Dimensions			
Overall Length	mm	2,130	
Overall Width	mm	1,000	
Overall Height(with ROPS)	mm	1,875	
Minimum Ground Clearance	mm	125	
Wheel Base	mm	1,050	
Tread Width-Front	mm	800	
Tread Width-Rear	mm	830	
Weight with ROPS	kg	530	755
Tire Size-Front		20x10-4PR	24x13.00-12 6PR
Tire Size-Rear		16x6.5-4PR	20x8.00-10 6PR

Front PTO			
Type	Belt Drive	Wet Multi Plates	
Shaft		25.4mm Diameter, Spline	
Rated Speed(@ Engine Speed)	rpm	2,200(@2,700rpm)	2,209(@2,700rpm)

Side PTO		(Standard)	(Option)
Type		Live	Live
Shaft : PTO		22mm Diameter 6mm key way	20mm Diameter 6mm key way
PTO RPM(at 2700rpm)	rpm	2,200(@2,700rpm)	2,700(@2,700rpm)

Transmission			
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)	

Control/Safety System			
Mower Lifting		Hydraulic	
Steering		Hydraulic	
ROPS		2-Post ROPS	
Parking Brake		Standard	
Seatbelt		Standard	
Auto. Engine Stop Feature		Standard	
Safety Engine Starting Switch		Standard	

Mower Deck(OPTION)				
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 infomation

●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 reseve the right to discontinue models or change specifications without notice.



IHI Shibauro Machinery Corporation

HEAD OFFICE  
Harmony Tower, 1-32-2 Honcho,Nakano-ku, Tokyo, 164-8721,Japan  
TEL+81-3-5334-7900 FAX+81-3-5334-4464  
URL:www.ihi-shibauro.com

Printed in Japan

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

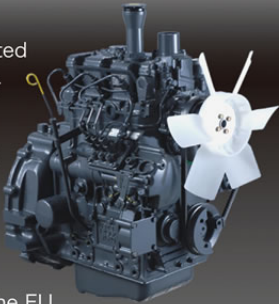
Hydrostatic transmission

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)