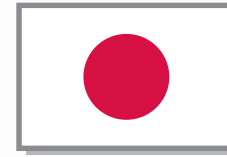


**CANYCOM**



**MADE IN JAPAN  
FUKUOKA**



**RIDE ON  
BRUSH CUTTER** 

**PRODUCT CATALOGUE**

by CANYCOM - SUPERIOR JAPANESE ENGINEERING

# WE BUILD TOUGH

A rugged product made in Japan.  
CANYCOM original design.  
MASAO continues to be loved  
by everyone and continues to be improved.

## To our valued clients

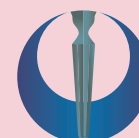
We take pride in supporting our clients with our reliable technology.  
We give them the chance to select the products that will suit their needs.  
Together, we go further.



M A S A O H I S T O R Y

## MASAO

4 Wheel Drive  
Brush Cutter "MASAO"



ものづくり日本大賞  
優秀賞

Winner of the Sixth  
Monodzukuri Nippon Grand Award  
METI Excellence Prize

In Product And Engineering Division  
"Canycom Masao Team"

The Prize Presented By The Prime Minister.



▲ movie  
Ride on Brush cutter MASAO



▲ movie  
Climbing prowess



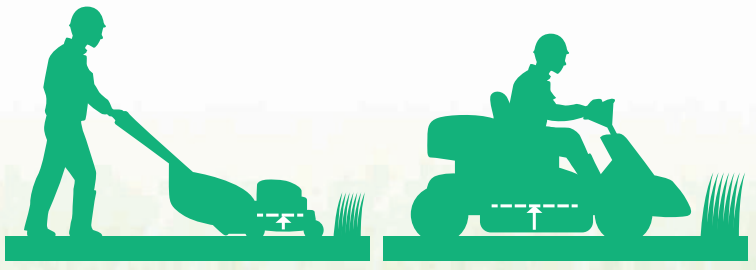
# Why

## MASAO is uniquely different to other mowers on the market

### Ride on Brushcutter



### Traditional Lawnmower



**Fast!** Moves up to 13.8km/h and 7.7km/h during operation.  
**Labor Efficiency 7,300m<sup>2</sup>/h** (The same area as a football ground)  
**(25% improvement compared to previous AWD models)**

\*May vary due to operating conditions

Even when using a ride on brush cutter, brush cutting work can take its toll under extreme summer conditions. In order to finish brush cutting jobs as quickly as possible we have produced the fastest brush cutter (moves at 13.8 km/h and 7.7 km/h during operation) in the industry. In addition, the HST provides smooth acceleration and braking for a fantastic running start. A uniquely developed damper softens any shock when braking.



### MASAO vs Hand Brush cutter

50~60cm

30m 30m  
20m 20m

START!!

WEEDS

Easy & Safe control!!

MASAO Wins!!

Job done in 19min!!

# CANYCOM Ride on Brushcutter



CMX1402

**CYCLONE**  
AIR CLEANER MODEL



CMX1808

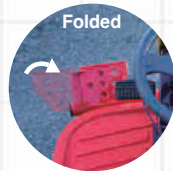


CMX227



CMX2402

**CYCLONE**  
AIR CLEANER MODEL



CMX2406

**CYCLONE**  
AIR CLEANER MODEL



Ride on Brushcutter

# MASAO

MODEL IMAGE

# Exclusive Shaft Drive

On previous models drive belts required adjustment and replacing that placed a burden on users and retailers. Additionally, when washing the blade cover after cutting the grass the belt would get in the way. By using the long life Shaft Drive, you will experience the increased maintainability and benefit of the blade drive.



For more information



No belt hassles, gets all the power to the blades



Shaft Drive



Gets all the power to the blades

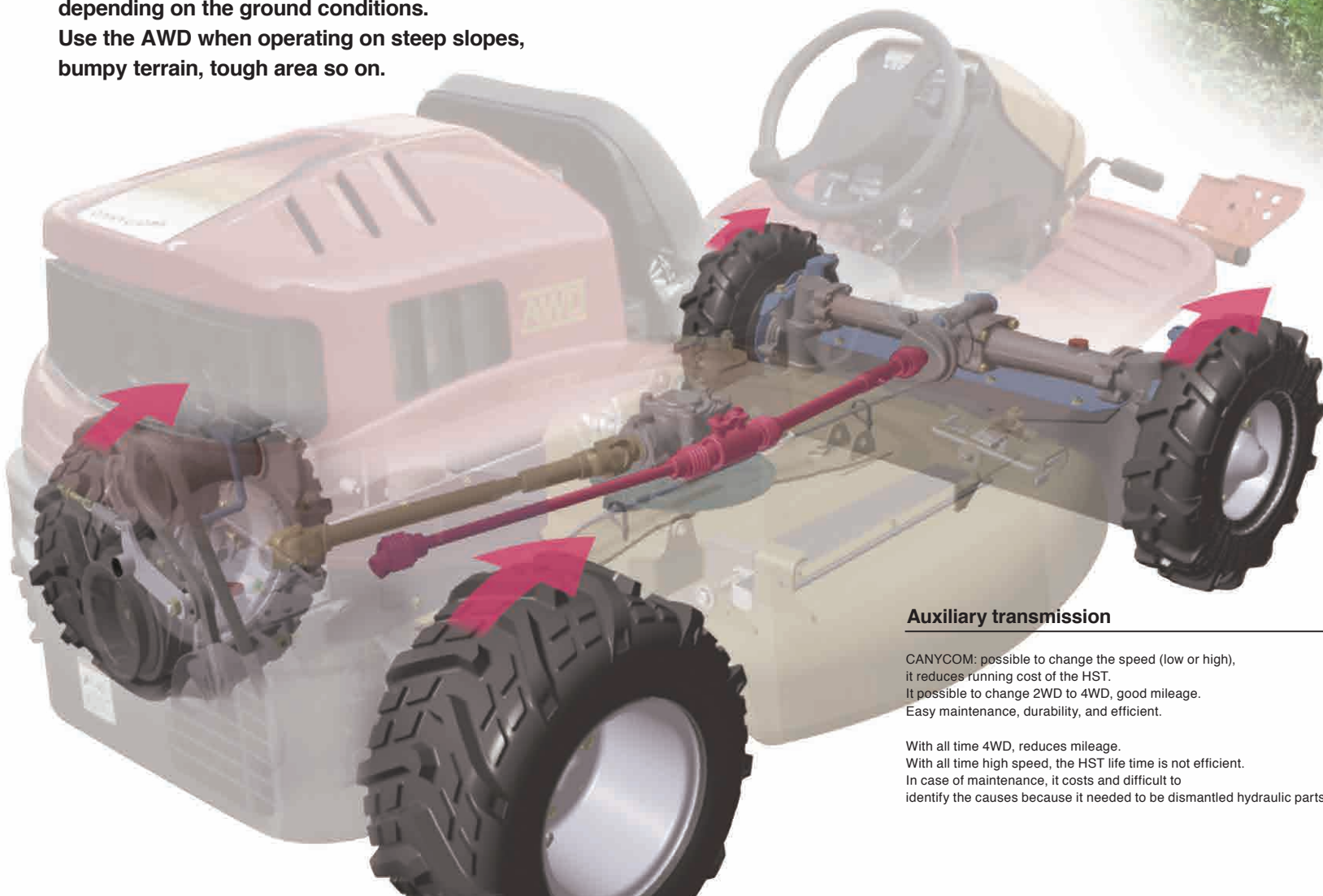


Super tough shaft driven gearbox

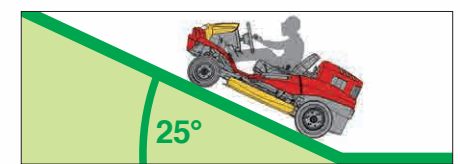
# Powerful & Efficient AWD

You can switch from AWD to 2WD (vice versa) depending on the ground conditions. Use the AWD when operating on steep slopes, bumpy terrain, tough area so on.

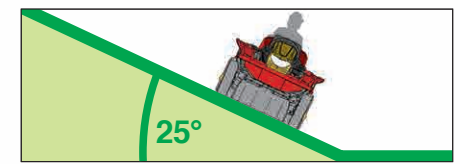
*Powerful machines*



### Climbing prowess



Gradeability (CM226, CM1401: 15°)



Stability Angle (CM226: 15°)

### Auxiliary transmission

CANYCOM: possible to change the speed (low or high), it reduces running cost of the HST. It possible to change 2WD to 4WD, good mileage. Easy maintenance, durability, and efficient.

With all time 4WD, reduces mileage. With all time high speed, the HST life time is not efficient. In case of maintenance, it costs and difficult to identify the causes because it needed to be dismantled hydraulic parts.



HST image

***Tough Swinging***

# ***Blade System***

\*Except CMX1402, CM1401

Common feedback we had from customers after purchasing a ride-on brush cutter was regarding the task of changing blades.

★ The potential for injury was high due to the difficulty removing old blades.

★ Rusting and warping made removal of bolts difficult or impossible.

★ Special tools were required to replace blades in the field.

In order to resolve these issues we successfully developed this blade system.

No tools are necessary and blades can be changed with ease and speed even in the field.

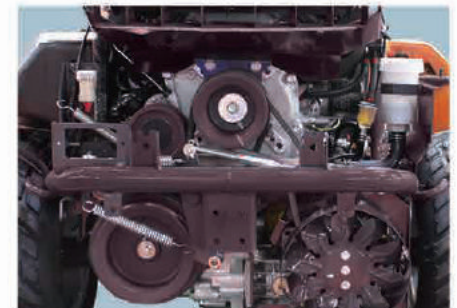
When parts other than CANYCOM brand name parts are used they may not be covered by warranty.



Open cutting blade shield



Toolless easy change - cutting blade



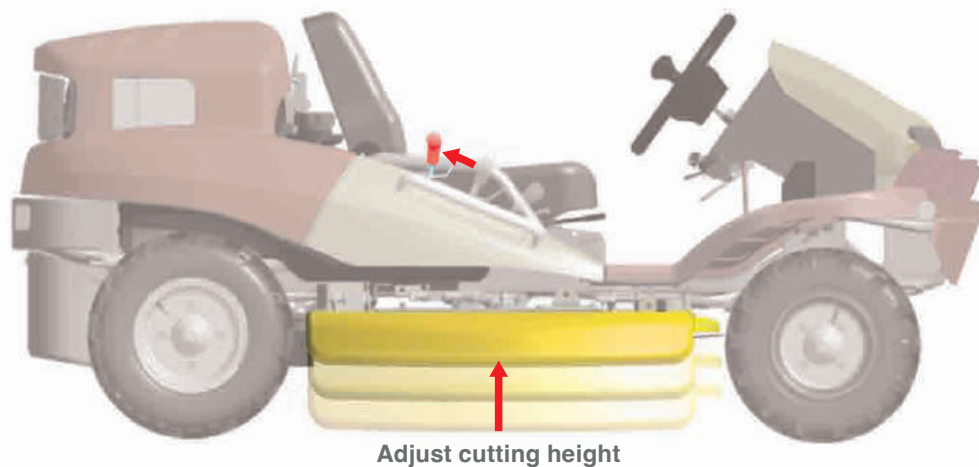
Cutting Rotary Drive Belt / Brake



# Easy and Convenient Height of Cut Control

The grass cutting length lever has been made as short as possible to ensure that it will not catch on branches no matter how low.

An ergonomic low resistance control lever makes adjustments of 0-150mm, or 21 levels of adjustment, possible.



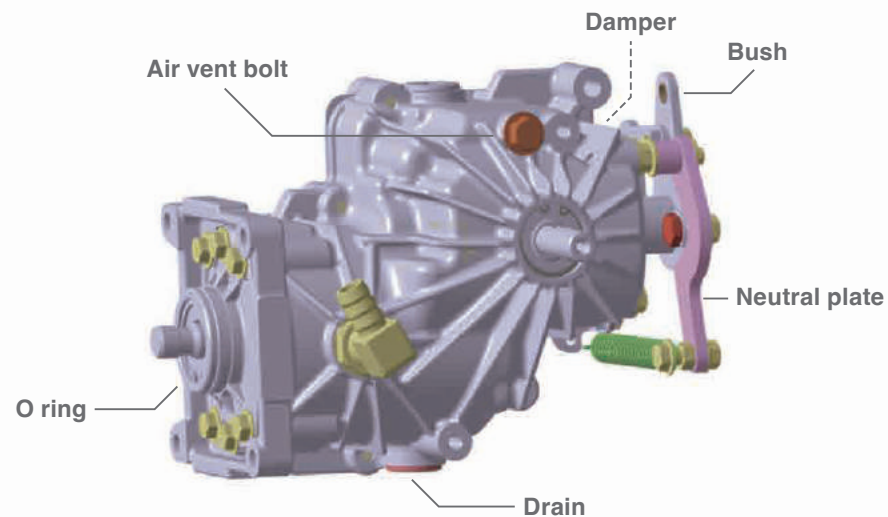
Before



After

# Made by CANYCOM CHST

By the unique technology of CANYCOM, we realized further increase of advance speed than former HST. Also we equipped neutral position adjusting mechanism on HST side and succeeded reduction of neutral position failure by aging degradation. Installed drain in bottom of HST to facilitate oil draining at oil change work.



We installed damper to lighten the shock at machine stop.

# Other features

\* It depends on the specifications.

## Engine



**HONDA**

**GX690** (688cc)  
CMX2406 CMX2402

**GX390** (389cc)  
CMX1402 CM1401  
CYCLONE  
AIR CLEANER MODEL



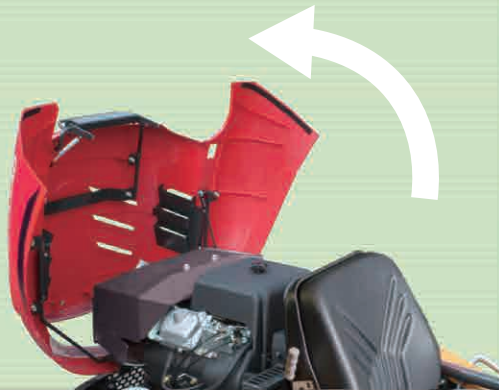
**YAMAHA**

**EH65** (653cc)  
CMX227 HYPIS  
CMX227



## Wide opening Engine Cover

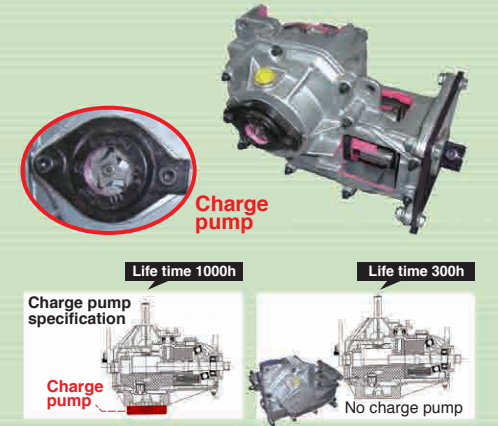
CMX2402 CMX227 HYPIS  
CMX227



## Wide cutting width



## Charge pump



## Good running performance on the rough area



## Minimum turning radius 1.8m



## Battery Cut Switch



## Adjustment

Steering wheel  
Angle



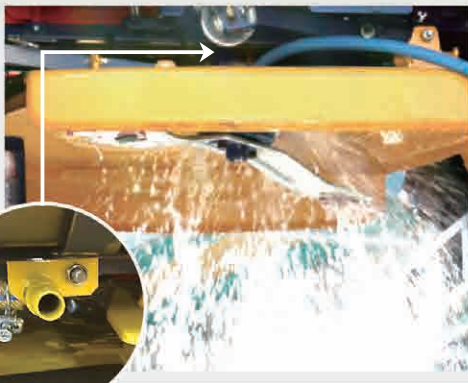
Steering wheel  
Height



Seat Position








## Blade Cleaning




## Cutter Performance Examples




1000m<sup>2</sup> = 0.24 acres  
Values may vary depending on environmental conditions.

	Miscellaneous mixed brush	One kind of brush	One kind of brush	One kind of brush	100 of the World's Worst Invasive Alien Species
Brush Type	 60% Millet 1%Pampas 1% Nebia 2% Other	 Pampas	 Nebia (pasture)	 Japanese dock	 Lantana
Grass Height	200-250cm	100-150cm	80-120cm	50-100cm	100cm-
Time needed to cut brush per 1000m <sup>2</sup>	About 3 hours	About 2 hours	About 1 hour	About 40 mins	About 1 hour

# Specifications

Model and Type ▶		CMX2406		CMX2402		
		22.4 PS *Net	 AWD	22.4 PS *Net	 AWD	
AWD(4WD)			●		●	
Front Brake			●		●	
Charge Pump			●		●	
Cyclone			●		●	
Cutting System	Shaft Drive		●		●	
	Easy Blade System		●		●	
	Cut Control (Cutting Height)		●		●	
	Cutting Width		0~170		0~150 [21steps]	
	Number of Blades		975mm		975mm	
Blade Type			2		2	
Machine Mass			Free Knife & Stepped Stay		Free Knife & Stepped Stay	
Mowing Rate			445kg		365kg	
Mowing Rate			7300m <sup>2</sup> /h <sup>-1</sup>		7300m <sup>2</sup> /h <sup>-1</sup>	
Engine	Model		HONDA GX690 *2		HONDA GX690 *2	
	Type		Air-cooled 4-cycle V-twin Gasoline (OHV)		Air-cooled 4-cycle V-twin Gasoline (OHV)	
	Displacement		688cm <sup>3</sup>		688cm <sup>3</sup>	
	Maximum Output		16.5kW (22.4PS) / 3600rpm *3		16.5kW (22.4PS) / 3600rpm *3	
	Maximum Torque		48.3N·m (4.83kgf·m) / 2500rpm *3		48.3N·m (4.83kgf·m) / 2500rpm *3	
	Starter System		Electric		Electric	
	Fuel		Automotive Unleaded Gasoline		Automotive Unleaded Gasoline	
	Fuel Consumption		304.5g/kW·h (224g/PS·h)		304.5g/kW·h (224g/PS·h)	
	Fuel Tank Capacity		20L		20L	
Performance	Speed		High 0 to 13.8km/h Low 0 to 7.7km/h		High 0 to 13.8km/h Low 0 to 7.7km/h	
	Minimum Turning Radius		1.8m		1.8m	
	Gradeability		25°		25°	
	Stability Angle*4		25° *4		25° *4	
Drive Train	Main Transmission		HST (Continuously Variable)		HST (Continuously Variable)	
	Auxiliary Transmission		Constant Mesh		Constant Mesh	
	Tires	Front		4.00-7 (4PR)		AGR 4.00-7 (2PR)
		Rear		17X8.00-8 (4PR)		17x8.00-8 (4PR)
	Steering		Rack and Pinion Round Steering Wheel		Rack and Pinion Round Steering Wheel	
Brakes		Internally Expanding		Internally Expanding		

\*1 Estimated at the maximum speed with the auxiliary transmission in Low position. \*2 See below URL for the latest CO2 measurement results of GX690RH. <http://www.honda-engines-eu.com/co2-engines> This CO2 measurement results from testing over a fixed test cycle. \*3 The power rating of the engine indicated in this document is the net power output tested on a production engine for the engine model and measured in accordance with SAE j1349 at 3,600 rpm (net power) and at 2,500 rpm (max net torque). \*4 The stability angle coefficient

CMX227		CMX1808 BCAU		CMX1402	
<b>22.3</b> PS *Gross		<b>18</b> PS *Gross		<b>11.8</b> PS *Net	
	<b>AWD</b>		<b>AWD</b>		<b>AWD</b>
●		●		●	
●		●		●	
●		-		-	
-		-		●	
●		●		●	
●		●		-	
●		●		●	
0~150mm [21steps]		0~150(21steps)		0~150mm [21steps]	
975mm		975mm		975mm	
2		2		2	
Free Knife & Stepped Stay		Free Knife & Stepped Stay		Free Knife & Stepped Stay	
365kg		350kg		335kg	
7300m <sup>2</sup> /h *1		7300m <sup>2</sup> /h *1		7200m <sup>2</sup> /h *1	
YAMAHA EH65		B&S 3564		HONDA GX390	
Air-cooled 4-cycle V-twin Gasoline		Air-cooled 4-cycle V-twin Gasoline		Air-cooled 4-cycle single cylinder OHV, Gasoline	
653cm <sup>3</sup>		570cm <sup>3</sup>		389cm <sup>3</sup>	
15.0kW (22.3PS) *2		13.5kW(18.4PS)/3600rpm		8.7kW (11.8PS) / 3600rpm*2	
45.6N•m (4.65kgf•m) *2		35.5N•m(3.62kgf•m)		26.5N•m (2.65kgf•m) / 2500rpm*2	
Electric		Electric		Electric (Recoil)	
Automotive Unleaded Gasoline		Automotive Unleaded Gasoline		Automotive Unleaded Gasoline	
310g/kW•h (230g/PS•h)		335g/kW•h(248g/PS•h)		302g/kW•h (222g/PS•h)	
20L		20L		6.1L	
High 0 to13.8km/h Low 0 to 7.7km/h		High 0 to13.8km/h Low 0 to 7.7km/h		High 0 to 13.2km/h Low 0 to 7.4km/h	
1.8m		1.8m		1.8m	
25°		25°		25°	
25°		25°		25°	
HST (Continuously Variable)		HST(Continuously Variable)		HST (Continuously Variable)	
Constant Mesh		Constant Mesh		Constant Mesh	
AGR 4.00-7 (2PR)		4.00-7(4PR) AGR 4.00-7 (2PR)		AGR 4.00-7 (2PR)	
17x8.00-8 (4PR)		17x8.00-8(4PR)		17x8.00-8 (4PR)	
Rack and Pinion Round Steering Wheel		Rack and Pinion Round Steering Wheel		Rack and Pinion Round Steering Wheel	
Internally Expanding		Internally Expanding		Internally Expanding	

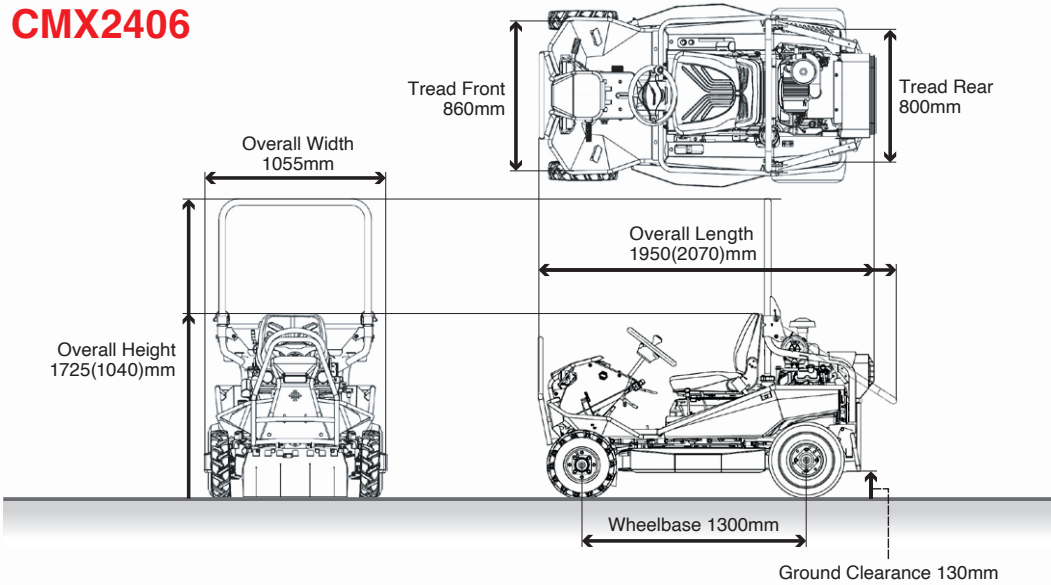
est cycle under laboratory conditions a (n) (parent) engine representative of the engine type (engine family) and shall not imply or express any guarantee of the performance of a particular engine.  
 gle complies with ISO5395-3(In accordance with the standard measuring method). These specifications are subject to change without notice.

# Dimensions

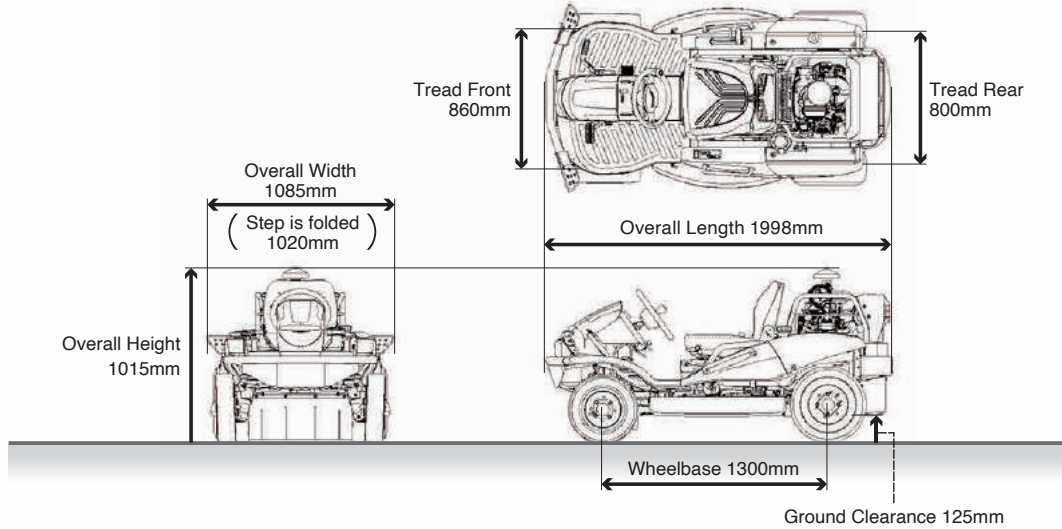
These specifications are subject to change without notice.

\* the figure in ( ) indicates when the ROPS is folded

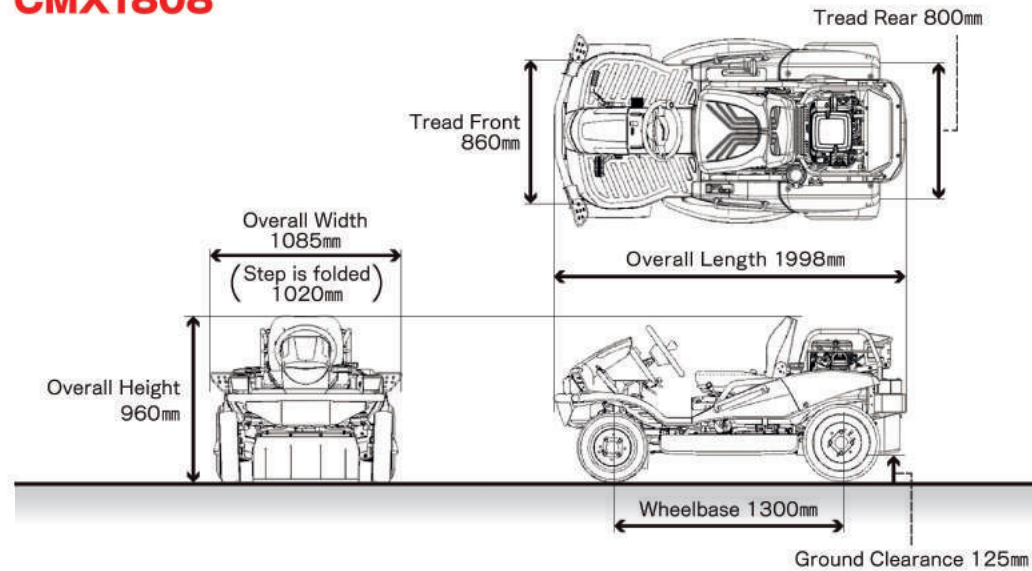
## Type CMX2406



## Type CMX2402

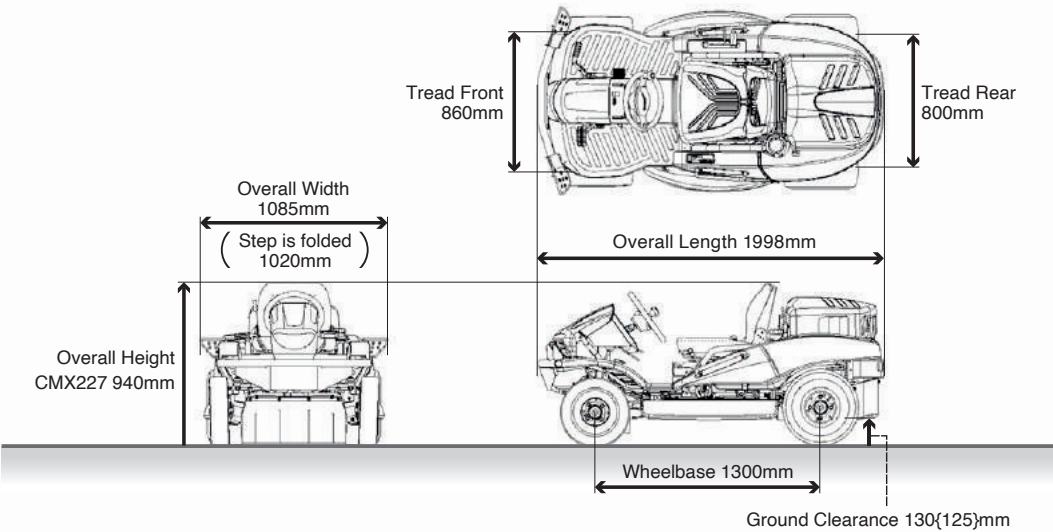


## Type CMX1808

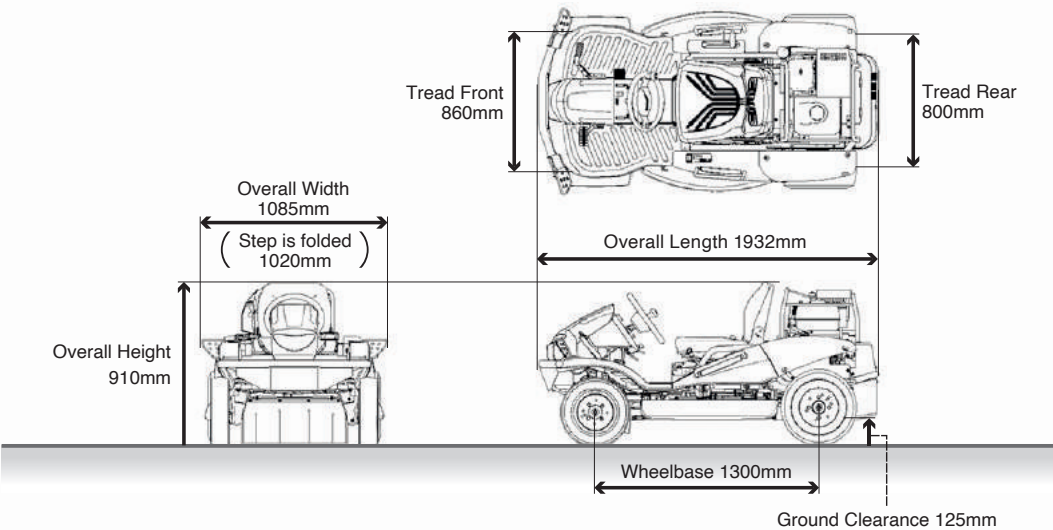


Type  
**CMX227**

\*{ } indicates the transmission with under guard model



Type  
**CMX1402**



# Blades

No tools are necessary

movie to set blade



Easy to replace!!

- CMX2406
- CMX2402
- CMX227
- CMX1808

PART NO.  
Z332 4202 010



Sharp and Durable!!

- CMX1402

PART NO.  
Z321 4212 010



tools are necessary

Excellent Durability!!

- CMX1402

PART NO.  
Z321 4206 010



tools are necessary



CHIKUSUI CANYCOM, INC.  
<http://www.canycom.jp/eng/>

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Monozukuri (the art of manufacturing) is our  
Enka and Naniwabushi (soul music),  
and embodies our sense of duty (Giri) and humanity (Ninjiyou).  
We bring you our Giri and Ninjiyou.



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EUROPE

KEY OPERATING INSTRUCTIONS

Please carefully review and adhere to the cautionary points below when operating the carrier vehicle. Depending on the conditions of the job site, the operational procedures of the vehicle will change, so please take particular caution according to the following instructions.

Carefully review and follow the operator's manual before operating the machine.

• Always inspect the brake and check for safety before operating the vehicle.

• When operating the machine please be cautious of your surroundings to prevent accidents from flying stones and other objects.

• Warning: Various use carriers and industrial vehicles are for use within operating areas and are not suitable for public roads.

• Please note that we are not responsible for accidents caused by behavior that goes against the precautions laid out in the operator's manual.

• Catalog are based on models made in March 2021 and are subject to change. Please be aware that changes to and discontinuation of models (including engine models) or changes in price may occur due to inevitable societal circumstances.

• Changes to specifications to improve models may occur without notice.

• The appearance of products in this catalog may differ slightly from the actual models.

• Specifications and regulations may vary in different markets.

• Product image for illustration purposes only. Actual product may vary.