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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 July 2019 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.

2019.7



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.

JAPAN OFFICES



OVERSEAS OFFICES



EUROPE

f Facebook



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

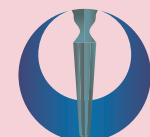
We take pride in supporting our clients with our reliable technology.
We give them the chance to select the products that will suit their needs.
Together, we go further.



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 mower on the market

CANYCOM

Ride on Brushcutter



Traditional Lawnmower



Fast! Moves up to 13.8km/h and 7.7km/h during operation.
Labor Efficiency 7,300m²/h* (The same area as soccer 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 take It's 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



CMX1402
CM1401

CYCLONE
AIR CLEANER MODEL



CMX227
CM226



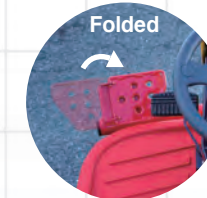
CMX227 HYCIS
comfort seat model



Ride on Brushcutter

MASAO
MODEL IMAGE

CMX2402



CMX2402

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



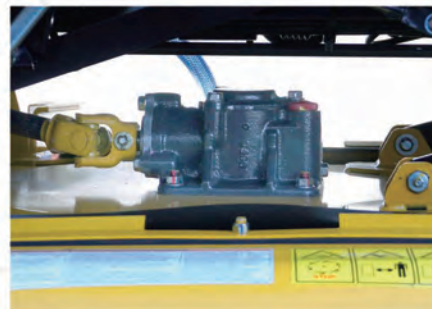
No belt hassles, gets all the power to the blades



Shaft Drive



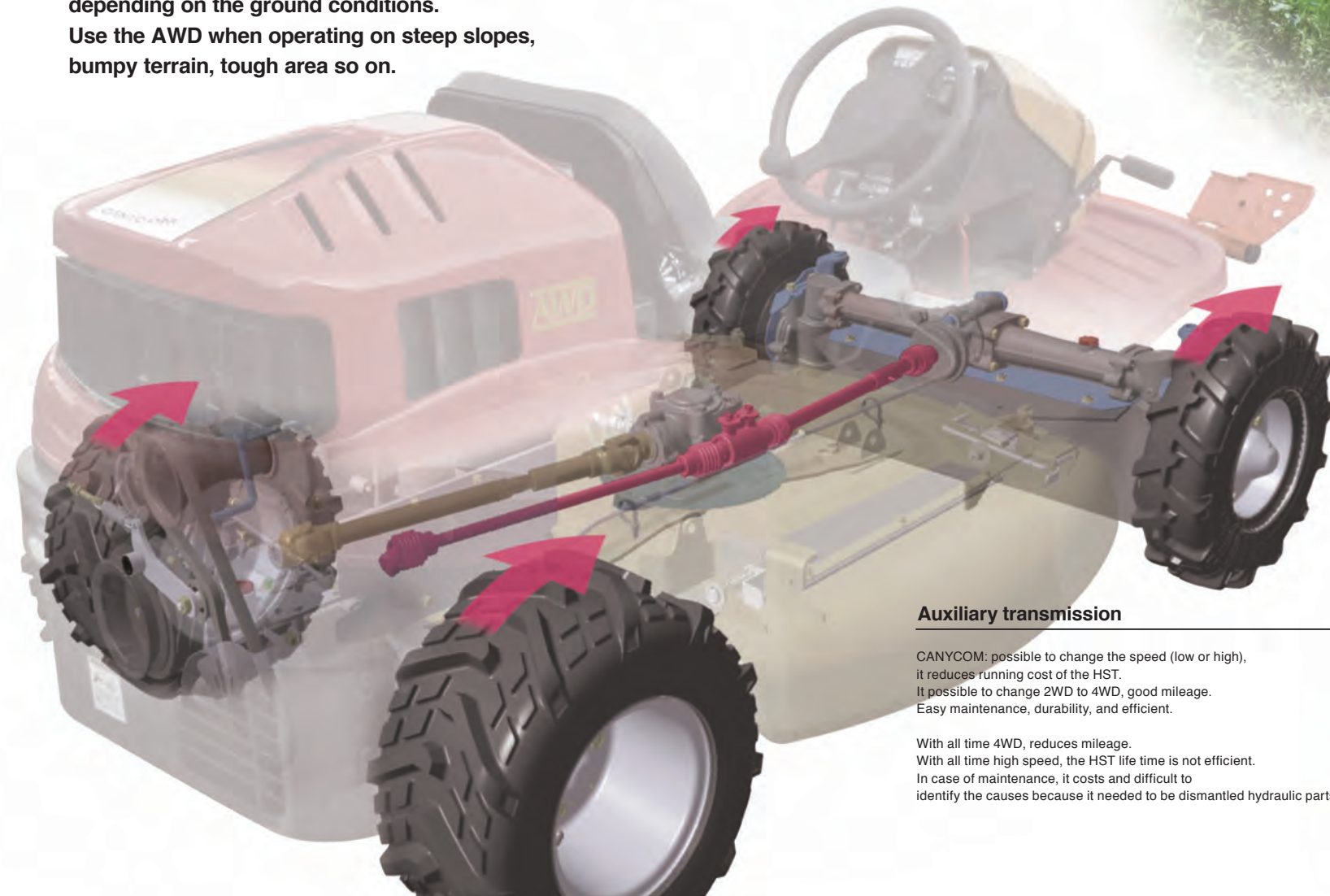
Gets all the power to the blades



Super tough shaft driven gearbox

Powerful & Efficient AWD

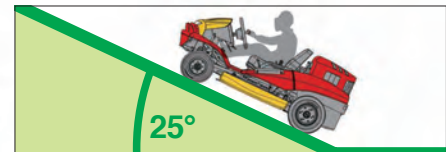
You can switch from AWD to 2WD (vice versa) depending on the ground conditions. Use the AWD when operating on steep slopes, bumpy terrain, tough area so on.



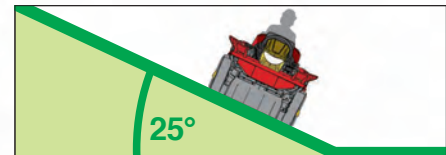
Powerful machines



Climbing prowess



Gradeability (CM226, CM1401: 15°)

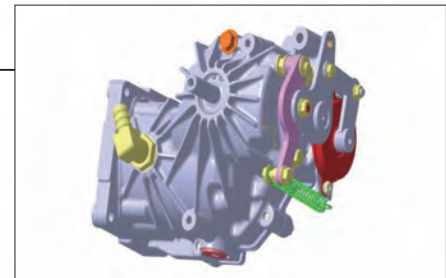


Stability Angle (CM226: 15°)

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.

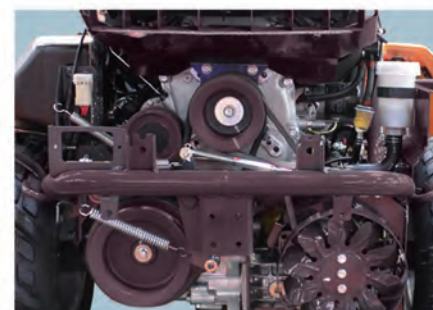
When parts other than CANYCOM brand name parts are used they may not be covered by warranty.



Open cutting blade shield



Toolless easy change - cutting blade

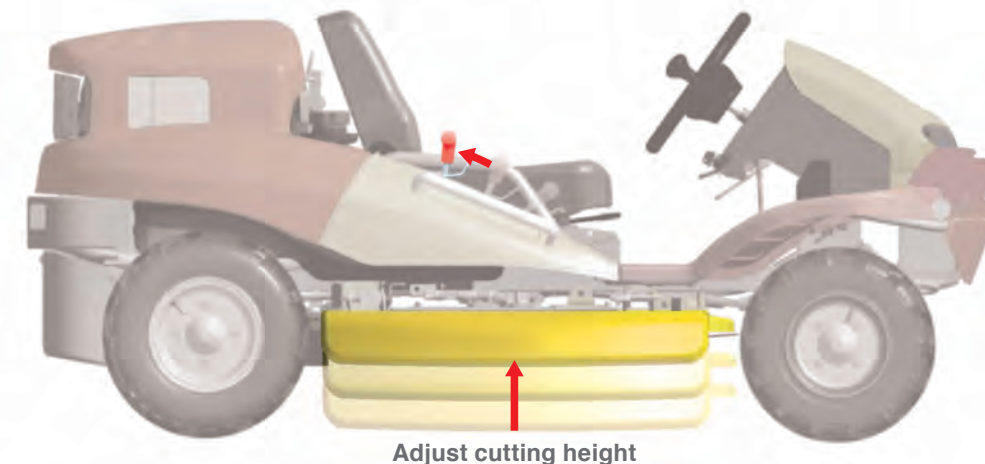


Cutting Rotary Drive Belt / Brake

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.



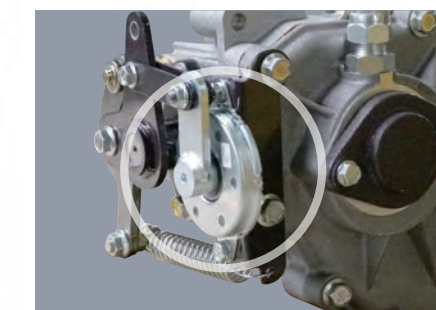
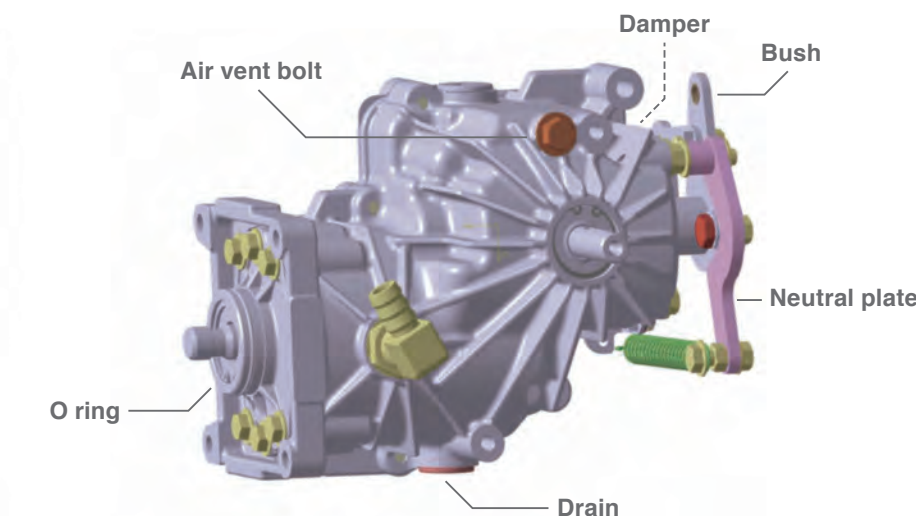
Before



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

Wide opening Engine Cover

CMX2402 CMX227 HYCIS
CMX227 CM226



Good running performance on the rough area



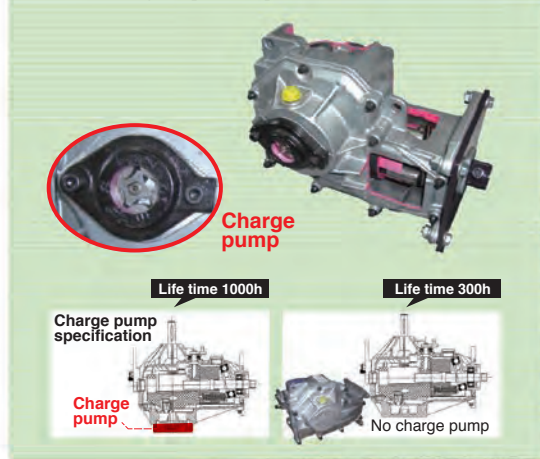
Wide cutting width



Minimum turning radius 1.8m



Charge pump



Battery Cut Switch



Engine

HONDA

GX690 (688cc)
CMX2402

GX390 (389cc)
CMX1402 CM1401
CYCLONE
AIR CLEANER MODEL



YAMAHA

EH65 (653cc)

CMX227 HYCIS
CMX227
CM226



Adjustment




Blade Cleaning









Cutter Performance Examples

1000m² = 0.24 acres
Values may vary depending on environmental conditions.

Brush Type	Miscellaneous mixed brush	One kind of brush	One kind of brush	One kind of brush	100 of the World's Worst Invasive Alien Species
					
	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 ²	About 3 hours	About 2 hours	About 1 hour	About 40 mins	About 1 hour

Specifications

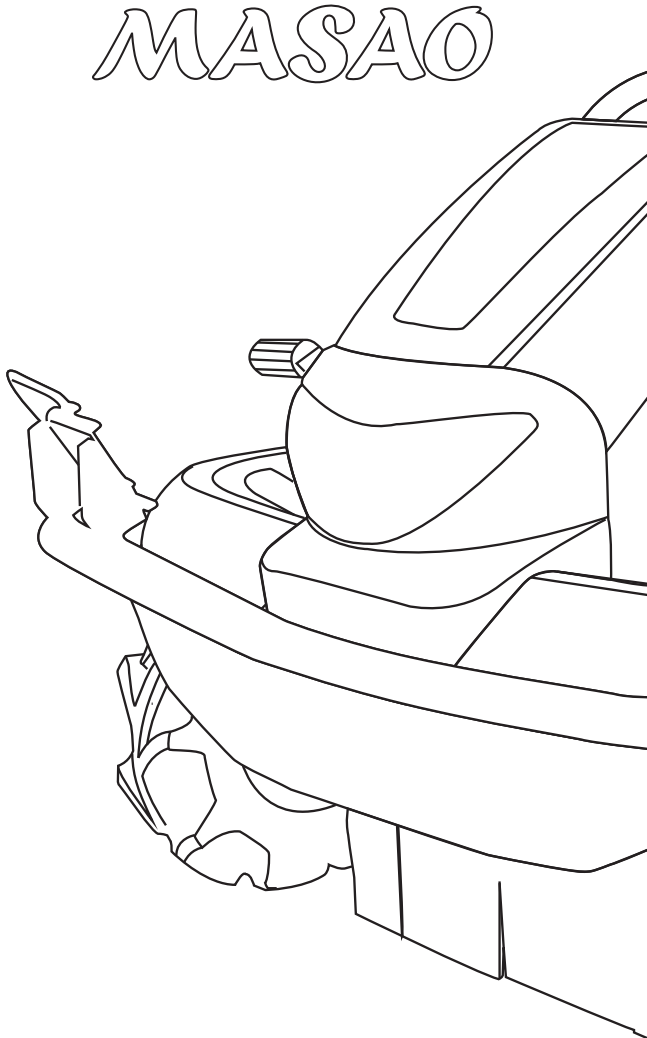
Model and Type ▶		CMX2402	CMX227 HYCIS	CMX227	CM226	CMX1402	CM1401
		<div>22 PS</div> <div>*Net</div> <div></div> <div>AWD</div>	<div>20 PS</div> <div>*Net</div> <div></div> <div>AWD</div> <div>comfort seat model</div>	<div>20 PS</div> <div>*Net</div> <div></div> <div>AWD</div>	<div>20 PS</div> <div>*Net</div> <div></div> <div>2WD</div>	<div>11 PS</div> <div>*Net</div> <div></div> <div>AWD</div>	<div>11 PS</div> <div>*Net</div> <div></div> <div>2WD</div>
AWD(4WD)		●	●	●	-	●	-
Front Brake		●	●	●	●	●	-
Charge Pump		●	●	●	●	-	-
Cutting System	Shaft Drive	●	●	●	●	●	●
	Easy Blade System	●	●	●	●	-	-
	Cut Control (Cutting Height)	●	●	●	●	●	●
		0~150mm [21steps]	0~150mm [21steps]	0~150mm [21steps]	0~150mm [21steps]	0~150mm [21steps]	0~150mm [21steps]
	Cutting Width	975mm	975mm	975mm	975mm	975mm	975mm
	Number of Blades	2	2	2	2	2	2
Blade Type		Free Knife & Stepped Stay	Free Knife & Stepped Stay	Free Knife & Stepped Stay	Free Knife & Stepped Stay	Free Knife & Stepped Stay	Free Knife & Stepped Stay
Machine Mass		365kg	382kg	365kg	345kg	335kg	315kg
Mowing Rate		7300m ² /h *1	7300m ² /h *1	7300m ² /h *1	7300m ² /h *1	7200m ² /h *1	7200m ² /h *1
Engine	Model	HONDA GX690	YAMAHA EH65	YAMAHA EH65	YAMAHA EH65	HONDA GX390	HONDA GX390
	Type	Air-cooled 4-cycle V-twin Gasoline (OHV)	Air-cooled 4-cycle V-twin Gasoline	Air-cooled 4-cycle V-twin Gasoline	Air-cooled 4-cycle V-twin Gasoline	Air-cooled 4-cycle single cylinder OHV, Gasoline	Air-cooled 4-cycle single cylinder OHV, Gasoline
	Displacement	688cm ³	653cm ³	653cm ³	653cm ³	389cm ³	389cm ³
	Maximum Output	16.5kW(22.4PS)/3600rpm *2	15.0kW(20.3PS) *2	15.0kW(20.3PS) *2	15.0kW(20.3PS) *2	8.7kW(11.8PS) /3600rpm*2	8.7kW(11.8PS)/3600rpm*2
	Maximum Torque	48.3N•m(4.83kgf•m)/2500rpm*2	45.6N•m(4.65kgf•m) *2	45.6N•m(4.65kgf•m) *2	45.6N•m(4.65kgf•m) *2	26.5N•m(2.65kgf•m)/2500rpm*2	26.5N•m(2.65kgf•m)/2500rpm*2
	Starter System	Electric	Electric	Electric	Electric	Electric(Recoil)	Electric(Recoil)
	Fuel	Automotive Unleaded Gasoline	Automotive Unleaded Gasoline	Automotive Unleaded Gasoline	Automotive Unleaded Gasoline	Automotive Unleaded Gasoline	Automotive Unleaded Gasoline
	Fuel Consumption	304.5g/kW•h(224g/PS•h)	310g/kW•h(230g/PS•h)	310g/kW•h(230g/PS•h)	310g/kW•h(230g/PS•h)	302g/kW•h(222g/PS•h)	302g/kW•h(222g/PS•h)
	Fuel Tank Capacity	20L	20L	20L	20L	6.1L	6.1L
Performance	Speed	High 0 to13.8km/h Low 0 to 7.7km/h	High 0 to13.8km/h Low 0 to 7.7km/h	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	High 0 to 13.2km/h Low 0 to 7.4km/h
	Minimum Turning Radius	1.8m	1.8m	1.8m	1.8m	1.8m	1.8m
	Gradeability	25°	25°	25°	15°	25°	15°
	Stability Angle*3	25°	25°	25°	15°	25°	25°
Drive Train	Main Transmission	HST(Continuously Variable)	HST(Continuously Variable)	HST(Continuously Variable)	HST(Continuously Variable)	HST(Continuously Variable)	HST(Continuously Variable)
	Auxiliary Transmission	Constant Mesh	Constant Mesh	Constant Mesh	Constant Mesh	Constant Mesh	Constant Mesh
	Tires	Front	AGR 4.00-7(2PR)	AGR 4.00-7 (2PR)	AGR 4.00-7(2PR)	AGR 4.00-7(2PR)	AGR 4.00-7(2PR)
		Rear	17×8.00-8(4PR)	17×8.00-8(4PR)	17×8.00-8(4PR)	17×8.00-8(4PR)	17×8.00-8(4PR)
	Steering	Rack and Pinion Round Steering Wheel	Rack and Pinion Round Steering Wheel	Rack and Pinion Round Steering Wheel	Rack and Pinion Round Steering Wheel	Rack and Pinion Round Steering Wheel	Rack and Pinion Round Steering Wheel
	Brakes	Internally Expanding	Internally Expanding	Internally Expanding	Internally Expanding	Internally Expanding	Internally Expanding

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*1 Estimated at the maximum speed with the auxiliary transmission in Low position.

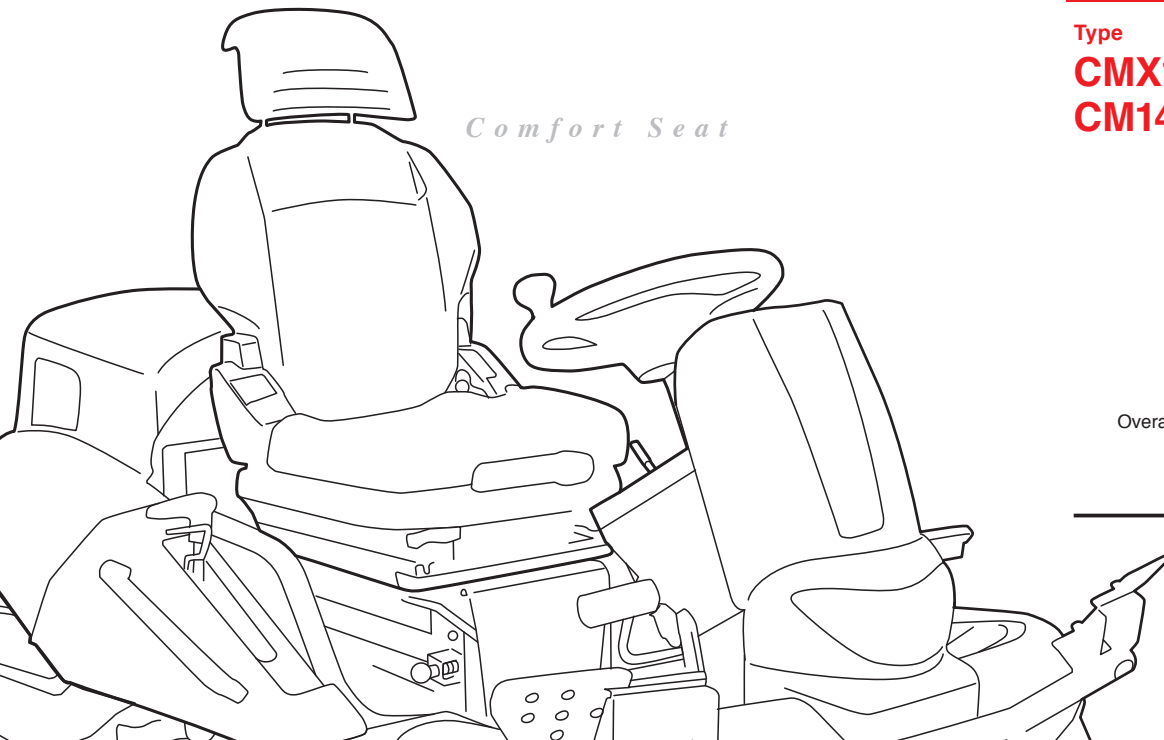
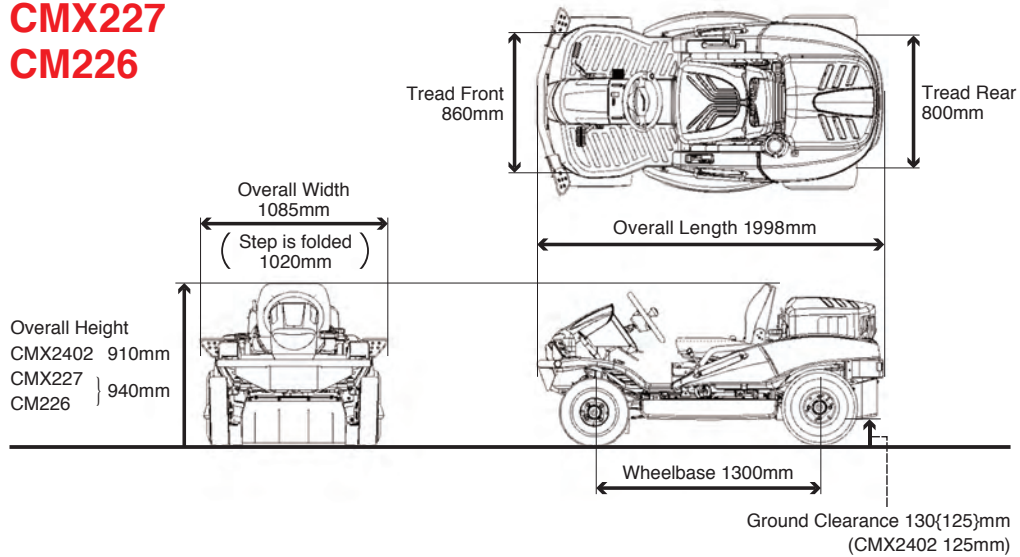
*2 The power rating of the engine indicated in this document is the net power output tested on a production engine for the engine model and measured in accordance with SAE j1349 at 3,600 rpm (net power) and at 2,500 rpm(max net torque).

*3 In accordance with the standard measuring method. The stability angle complies with ISO5395-3.

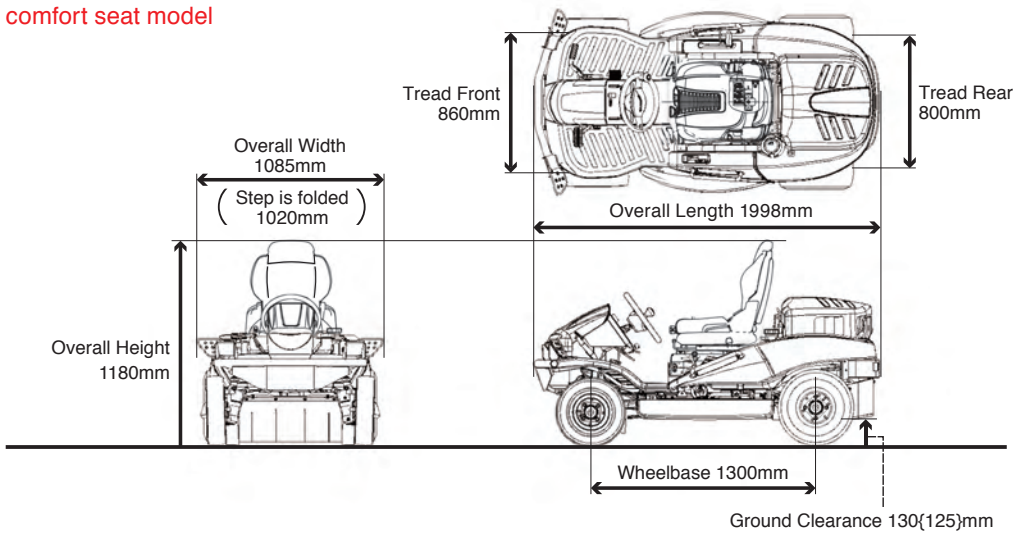


Dimensions

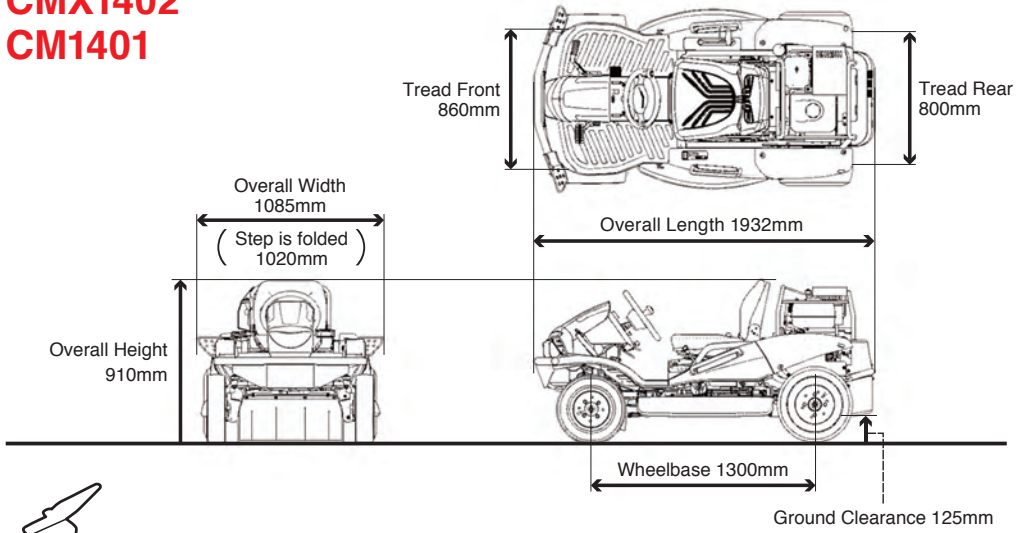
Type CMX2402 CMX227 CM226 *{ } indicates the transmission with under guard model



Type CMX227 HYCIS comfort seat model *{ } indicates the transmission with under guard model



Type CMX1402 CM1401



These specifications are subject to change without notice.

Blades

No tools are necessary

Easy to replace!!

- CMX2402
- CMX227 HYCIS ■ CMX227
- CMX186 ■ CM185
- CM226
- PART NO. Z332 4202 010

- CM141
- PART NO. Z331 4206 010

Sharp and Durable!!

- CM1401 ■ CMX222
- CMX1402
- PART NO. Z321 4212 010

tools are necessary

Excellent Durability!!

- CM1401 ■ CMX1402
- PART NO. Z321 4206 010

tools are necessary



movie to set blade

