





## F1 MAJAO

**Customer's opinion:**  
"An AWD brush cutter built for the ground would probably be impossible."  
—Shinichi Hattori, Chief plant producer

**Drives at ease under obstacles such as low hanging branches**

Overall height: 860 mm  
Seat height: 455 mm

Seat position



**Handle for Stability**  
Overall height has been made extremely low to the ground despite the fact it is an AWD vehicle. The seat position is even lower than the previous AWD models and a lower overall height and seat position make it easy for the operator to reach the hanging branches. Additionally, safety handles have been installed to make it easy to lean away in the side safety and a hip point keeps the operator stable after operating on sloping ground.

**Customer's opinion:**  
"Seems feasible to get by to work about 100m and avoid brush that gets in the way!"  
—Shinichi Hattori, Chief plant producer

**Takes in brush with parking it down.**

### The Green Gate "Maguchi Hiroko".

Cutting width: 675 mm. Cutting height: 180 mm  
Ø130 mm for CM184



The front def has been successfully reinforced and the brush opening has been expanded 1.1 times the size of previous models to prevent the front def from pushing down brush. This way the brush cutter can be run at high speeds and still have trimmed brush-bucking speed.

**Customer's opinion:**  
"Turning from 1st gear around the trees for the use of all brush cutting takes out of work."  
—Shinichi Hattori, Chief plant producer

**Amazingly tight turns are possible with front wheels that turn at an angle of 70°**  
**Cut as close as 1.1 meters away from tree trunk! (in 2ND)**

Previously, there was a lot of extra work, especially for small bushes, because of hard turning before turning front wheel (steer, gear, and other) which had been difficult to deal with with a 100mm brush cutter. In order to make this problem disappear a unique machine that is small and also capable of extremely tight turns. Compared to previous models the number of turns per gear has been greatly reduced. Also, the front wheels are now equipped with brakes. Maneuverability and safety after driving down steep slopes has been greatly improved.

▲ Right steering are optional.  
Please look at the instruction for safety information.



## F1 Exclusive Shaft Drive

Patented



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

**The Katana (natural sword) is a new blade that has been paired with a first-of-its-kind swift blade knife removal and replacement system "IAI".**

Patent Pending



Common drawbacks as had been customers after purchasing a new machine were regarding the ease of changing blades.  
▲ The problem for many was high due to the difficulty removing old blades.  
▲ Handling and wearing made removal of both difficult or impossible.  
▲ Special tools were required to adjust blades in the field.  
In order to resolve these issues we successfully developed a new blade changing mechanism "IAI".  
The tool and accessories and blades can be changed with ease and saved time in the field.  
▲ When parts other than the main blade parts are used they may be replaced by warranty.

**Fast! Moves up to 14 km/h and 8 km/h during operation.**  
**Labor Efficiency 7,500 m<sup>2</sup>/h**  
**(25% improvement compared to previous AWD models)**

May vary due to operating conditions



Even when using a 14cm brush cutter, brush-cutting work is being done under extreme summer conditions. In order to brush cutting work as quickly as possible we have produced the latest brush cutter (model: 14 inch and 8 inch) during operation in the industry. In addition, the HST provides smooth acceleration and braking for a forward running start. It uniquely developed stronger rollers are used when braking.

**Brake Chart** To optimize safety each model is equipped with a dedicated braking system.



Vehicle Type	Front Brake	Rear Brake	Steering Brake	Brake Type	Brake Type	Brake Type
Electric (Standard)	○	—	—	—	—	○
Electric (New Model)	—	—	—	—	—	○
Gasoline (Standard)	—	—	—	—	—	○
Gasoline (New Model)	—	○	—	—	—	○

## "Mansard Roof" High-tensile steel plate blade cover

Patented



It's the Mansard Roof is a type of roof developed by the 17th century architect Francois Mansard. The top of a roof with an flat may slope can be done.  
Takes in and smoothly ejects large amounts of brush. This blade cover is efficient and durable.  
**"New Niagara Cleaning System"**  
**Inner cover cleaning mechanism**  
**Improved 20% over previous models!**  
By connecting the hose to an attachment inside the cover and running water while mowing the brush, grass, etc., and other debris inside the cover are washed away. This prevents the blade and back-cover from clogging and less parts in long-term use. The connection for the hose has been improved. It now works with hoses with ridges of 10/15.

**"Taking care of everything"**

Blade safety lever  
Ergonomic low resistance control lever and concentrated instrument panel



**Tool Box & Water Bottle Holder**



**Cutter Performance Examples**

It has been performing our company. Below you may find the most appropriate conditions.

Brush Type	1st Model of brush	2nd Model of brush	3rd Model of brush	4th Model of brush
Brush Height	100-150 cm 200-250 cm	100-150 cm 150-200 cm	100-150 cm 150-200 cm	100-150 cm 150-200 cm
Work Area	About 1 hour	About 1 hour	About 1 hour	About 1 hour

▲ 900000 + 1 inch + 100 mm (100 mm) 100 mm (100 mm) 100 mm (100 mm)