

Versatile Safety **Articulated**
METAL BLADE



● **Entering the U.S. professional garden market**

- Rotary Corp, a global garden distributor, launched
- Entering the professional gardening market in US
- Exported to Indonesia and Myanmar in 2023



● **Evaluated 「Success」 from Korean R&D project**



● **Designated as 「K-Innovative Product」**



● **Excellent intellectual property rights**

- Applied Patent and Registered design and trademark in S.Korea
- Applied patent in US, Japan, China, Indonesia and PCT

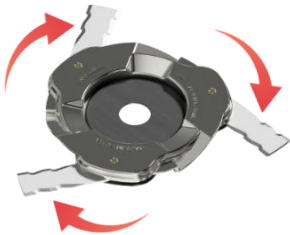


● **Proven safety**

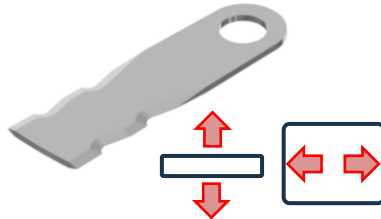
- Obtained KC safety certification in 2024

● Innovative safety structure

- ☞ 「Tomahawk」 has **shock-absorbing joint blades** that fold when they hit any objects. The blade thickness is **2t**, the blade width is **25mm** which is stronger than before. And the rotating body was produced with **two layers of metal**, upper and lower.



Shock-absorbing joint blade



Thick and wide blade



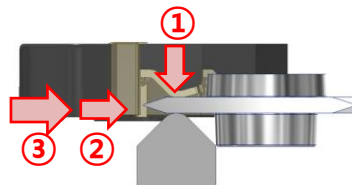
Two Metallic Body

● Absorption shock structure from blades

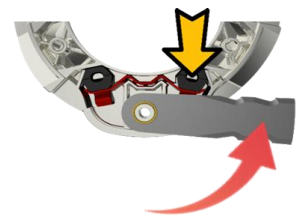
- ☞ 「Tomahawk」 has **Metallic leaf springs** and **rubber dampers** inside the body increasing safety with high-speed folding blades and impact. Additionally, it is convenient because it holds the blade when not working.



leaf spring / rubber damper



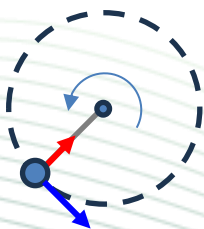
Shock absorption structure



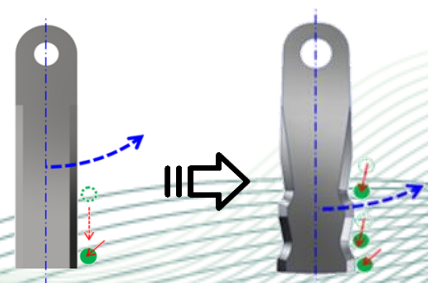
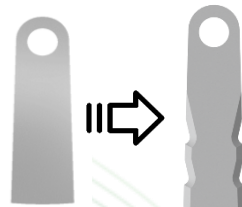
Damping function

● Innovative cutting ability

- ☞ The **thick and wide blade** increases not only safety but also cutting power. And the shape of the blade is also **wave-shaped** and that is **molded according to the shape with edge** to increase cutting force.



Blade structure considering centrifugal force

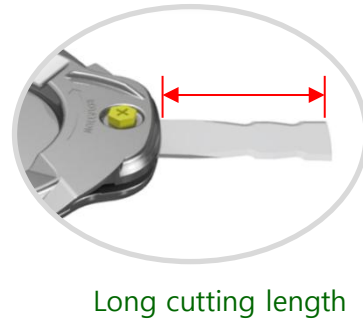
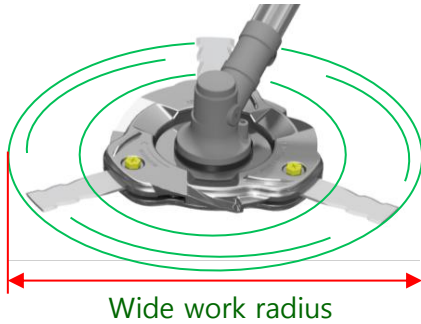


Wave-shaped blades

Excellency (I)

● Wide working radius

- 「Tomahawk」 is designed with a wide **work rotation radius of 285mm** and long **cutting blade length of 55mm**, providing excellent work efficiency.



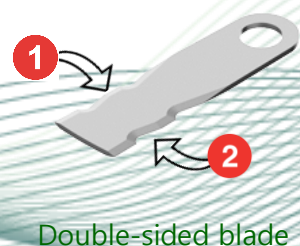
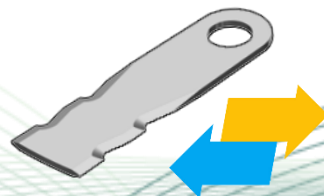
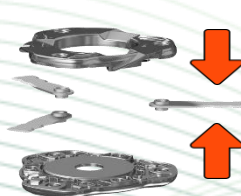
● Excellent convenience features

- 「Tomahawk」 was designed to **hide in the blade by lowering the assembly height** with machine to prevent the problem of grass winding. Additionally, it has an **added steel blade slider** so can be worked touching land on flat ground, and is designed to be higher than other products.



● Innovative economy

- 「Tomahawk」 is an **interchangeable blade type** that assembles the body into upper and lower and can be reused multiple times by replacing the blade. Additionally, the blade is a **double-sided blade** so can be used twice.



Dimensions / Composition

● Dimensions



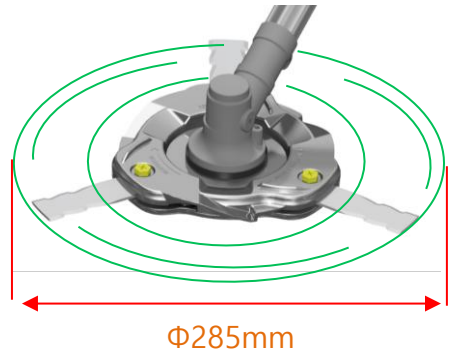
Φ225 x 26mm



490 gram



Φ75 x 25.5mm



● Composition



Body



Blade Slider



Spare blade(1set)



Packing box

● Spare blade



Spare blade(2set)



Intellectual Property Rights / Exported

● Intellectual Property Rights



Patent



Design



Trademark



3 Cases

Japanese Patent



Patent applied nation



Exported

● Exported



USA



IDN



MMR

amazon



You Tube





2022 Korean Government R&D project

- developed with the support of Technology & Information Promotion Agency.
- Acknowledged as 「Completed」 from TIPA.



KC Safety Certificate acquired

- 「Tomahawk」's safety has been certificated by Korea Testing Certification institute.
- ※ KC Certificate no. B703B5007-24002



혁신제품

2024 K-Innovative Product

- Tomahawk was designated as 「K-innovative Product」 by Public Procurement Service of Korea.

