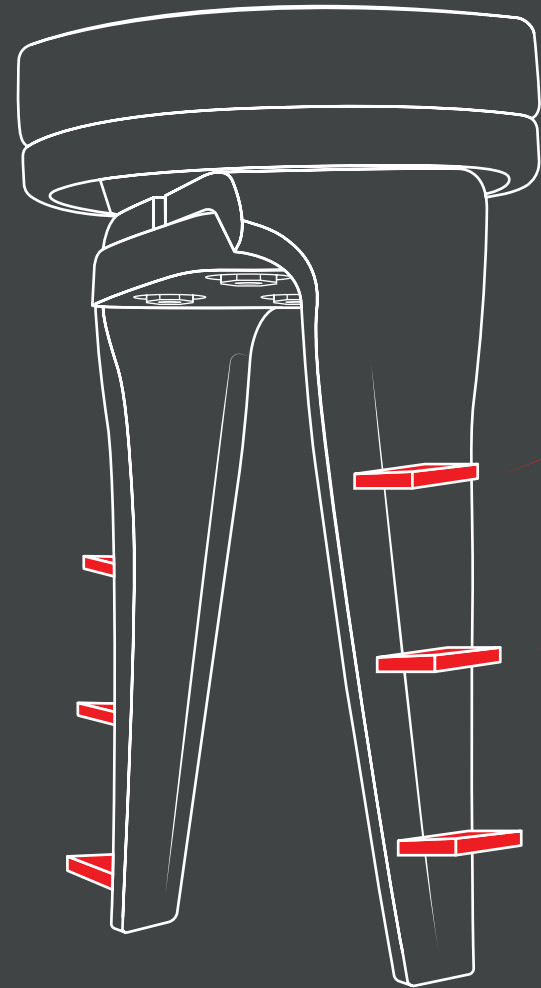


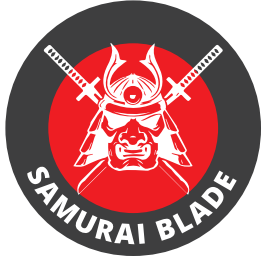
SAMURAI

BLADE SYSTEM



SCAN YOUR
LANGUAGE

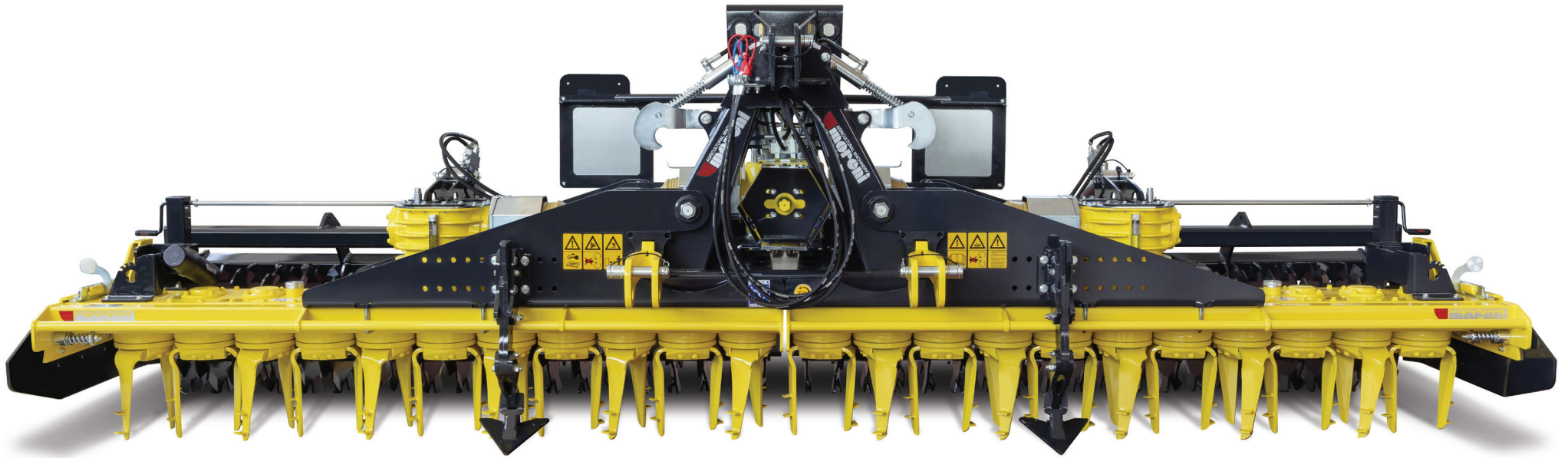




THE SAMURAI BLADE SYSTEM

The Samurai Blade System has been studied to satisfy the needs of the organic farmers with a combination of several technical details that makes this power harrow different from any other.

by Moreni



BIO AGRICULTURE

The crossing between the Samurai Blades allows the perfect smashing and the incorporation of both the green cover and the root system, reducing the regrowth of weeds without the use of glyphosate.



- + No glyphosates
- + Smashing of crops residues
- + Incorporation of crops residues

HIGH SPEED

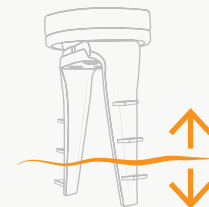
The structure of the power harrow is designed to absorb stress and vibrations caused by use at high speeds. The three bearings per rotor guarantee great stability over time.



- + Double bottom frame
- + 3 bearings per rotor
- + Reduction in consumption

SURFACE WORKING

With perfect control of the roller it is possible to keep the working depth constant. The adjustment range is wide and allows surface processing (min. 0.5 cm).






- + Surface processing
- + Wide working range
- + High precision depth adjustment

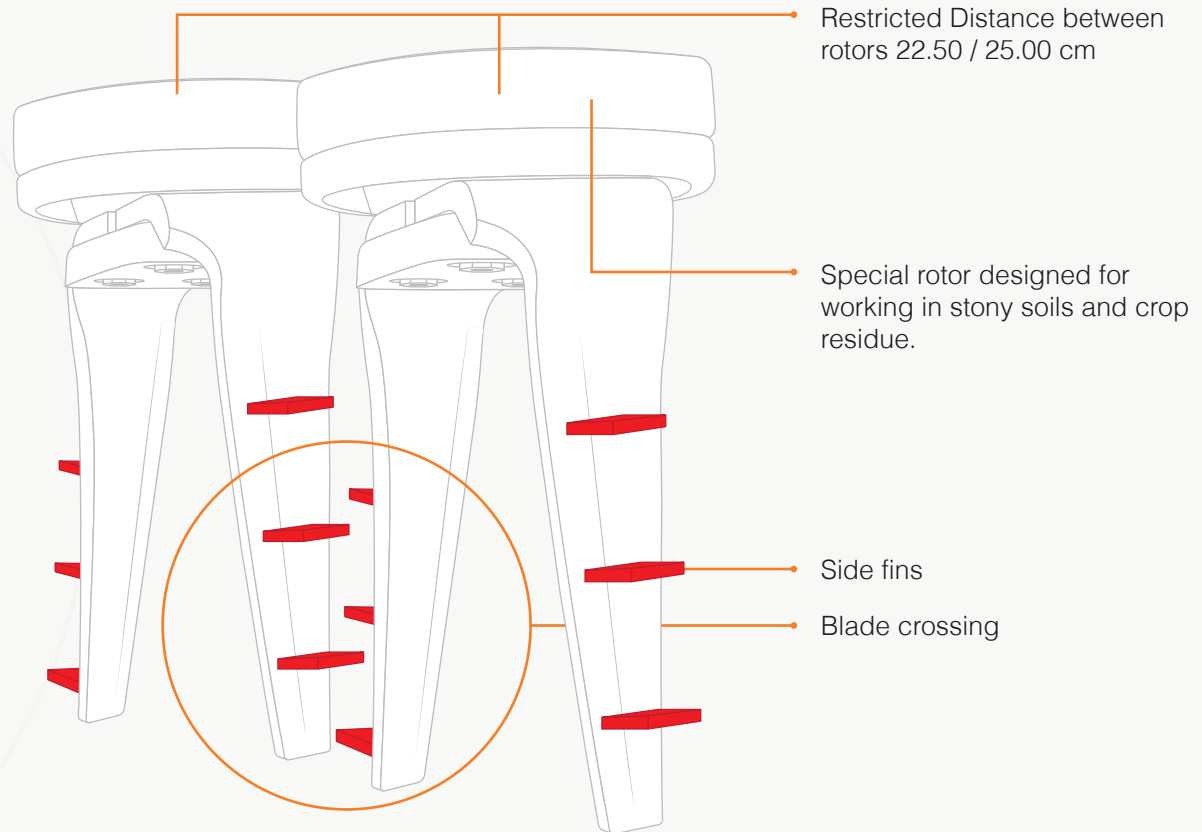


SAMURAI BLADES

The special side Fins are applied in 4 different positions to guarantee their perfect crossing during processing. The fins are heat treated for longer durability.



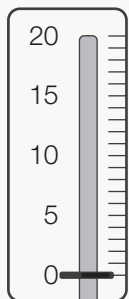
-  4 positions for best performance
-  15 mm thickness blade with 3 fins
-  12 mm thickness blade with 2 fins





TECHNICAL DETAILS

The power harrow equipped with the Samurai Blade System changes the usual work concept. It is used to work the soil surface, 0,5-7 cm, at a high speed. The structure of the power harrow with Samurai Blade System is designed to withstand working speeds similar to passive machines.



HIGH PRECISION ROLLER ADJUSTMENT

Through-rod hydraulic pistons with graduated scale for high precision adjustment of the working depth.

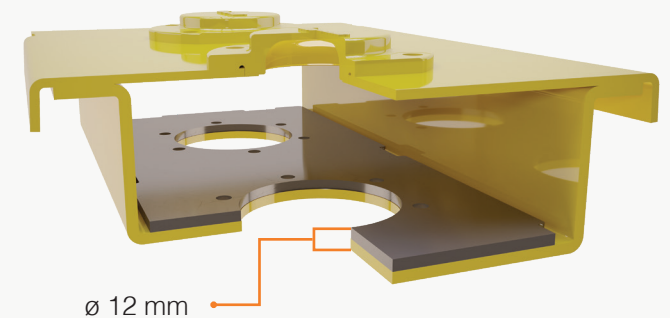
- + Work at high speed
- + Wide depth regulation range
- + High precision depth control

BEST WITH
CRUSHER ROLLER



REINFORCED FRAME

The bottom of the frame is 12 mm thick and allows it to resist the continuous stresses to which the harrow is subjected during processing.



AGRONOMICAL BENEFITS

The Samurai Blade System guarantees the smashing of crop residue and the incorporation of organic material. This allows the control and destruction of the stalks and roots of corn, soybeans, sunflowers, rapeseed, grasses and much more.

+ Smashing of crop residue

+ Incorporation of crop residue



BIOLOGICAL AGRICULTURE

The Samurai Blade System reduces the re-growth rate of weeds, thus becoming a valid alternative to Glyphosate, which is increasingly subject to use limits. In addition to being an ecological alternative, it has a sustainable cost compared to traditional processes.

+ No weeds

+ No glyphosates

+ Sustainable cost



Samurai Blade System*



No chemical spray

0 €/ha



After harvest
Samurai power harrow

35 €/ha



Before seeding
Samurai power harrow

35 €/ha

70 €/ha

TOTAL

Standard System*



Chemical spray

26 €/ha



After harvest Disc
harrow

27 €/ha



Before seeding
cultivator

30 €/ha

83 €/ha

TOTAL

* Indicative datas depending on specific country cost, soil, product and weather conditions

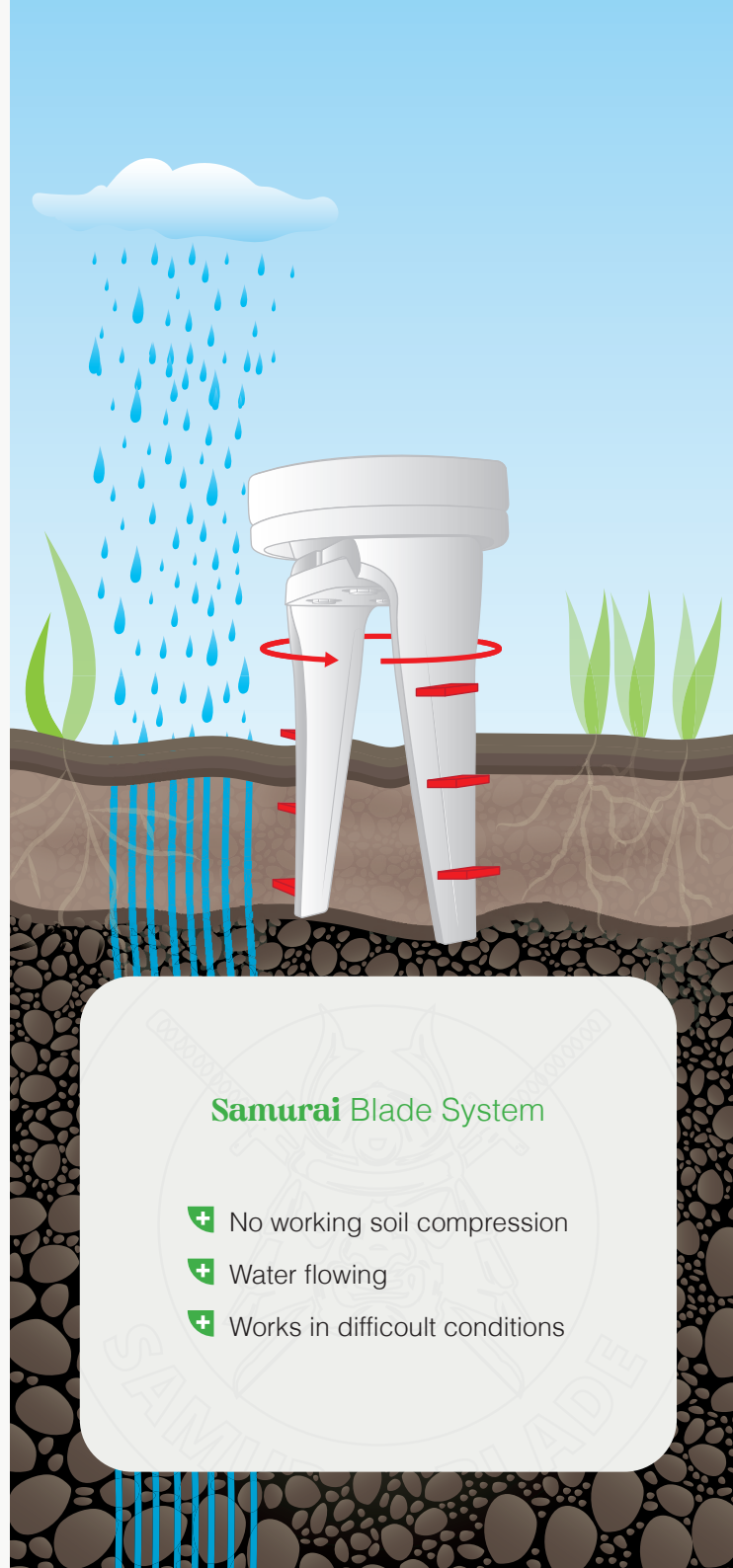
VERTICAL ROTOR

The power harrow equipped with the Samurai Blade System allows a refinement of the ground without the creation of hard surface, characteristics of machines with horizontal movement. The advantages are multiple: better growth of the main crop, better water drainage, no stagnation.

- + No compression
- + Good water flowing
- + Reduction in consumption

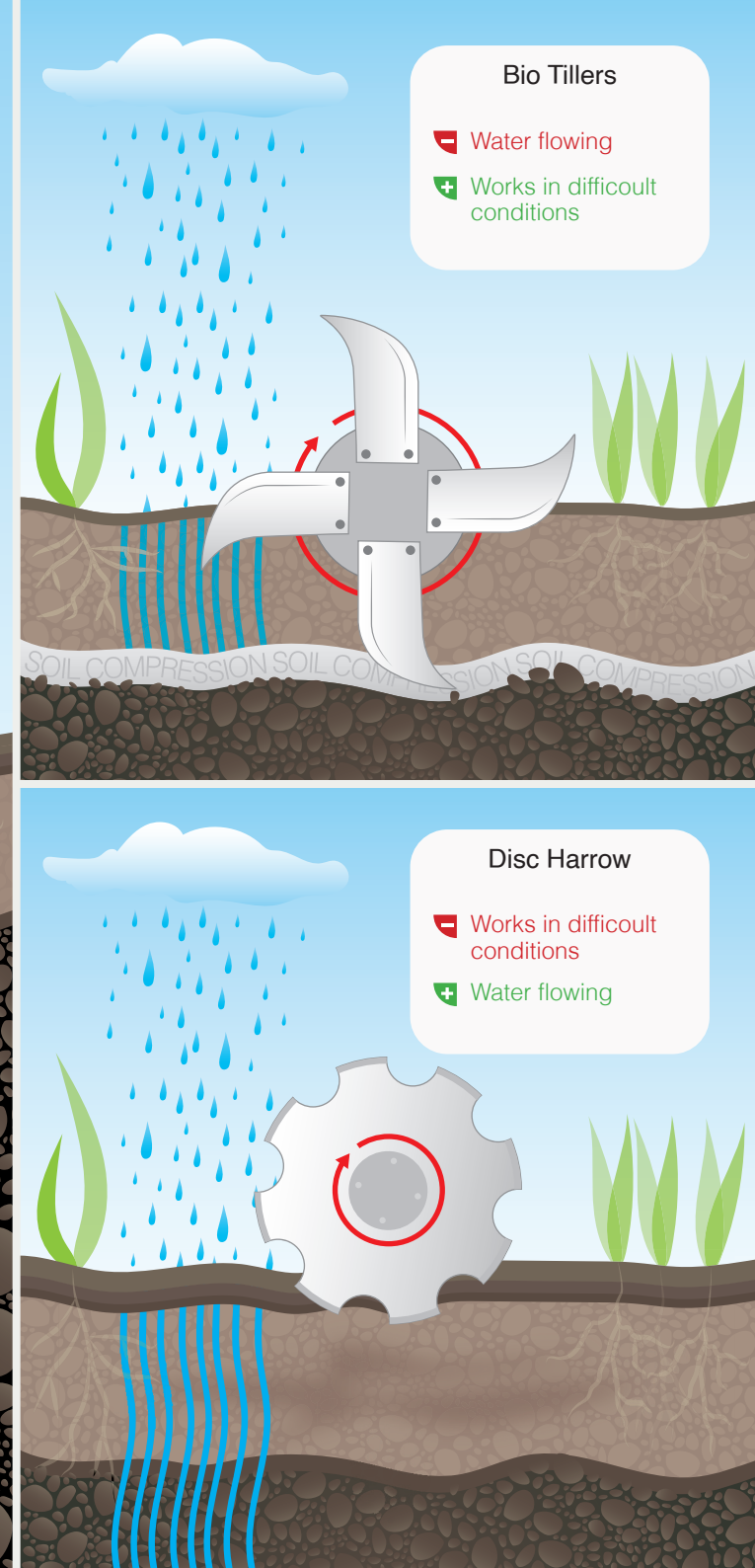
EXCELLENT RESULTS IN ALL CONDITIONS

The power harrow allows high penetration and refinement both in extremely hard and dry soil and in humid soil. The result is always "open" soil and a perfect conditions for incorporating organic substance and for sowing.



Samurai Blade System

- + No working soil compression
- + Water flowing
- + Works in difficult conditions



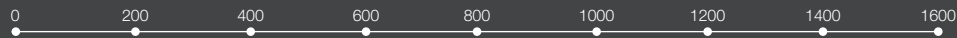
Bio Tillers

- Water flowing
- + Works in difficult conditions

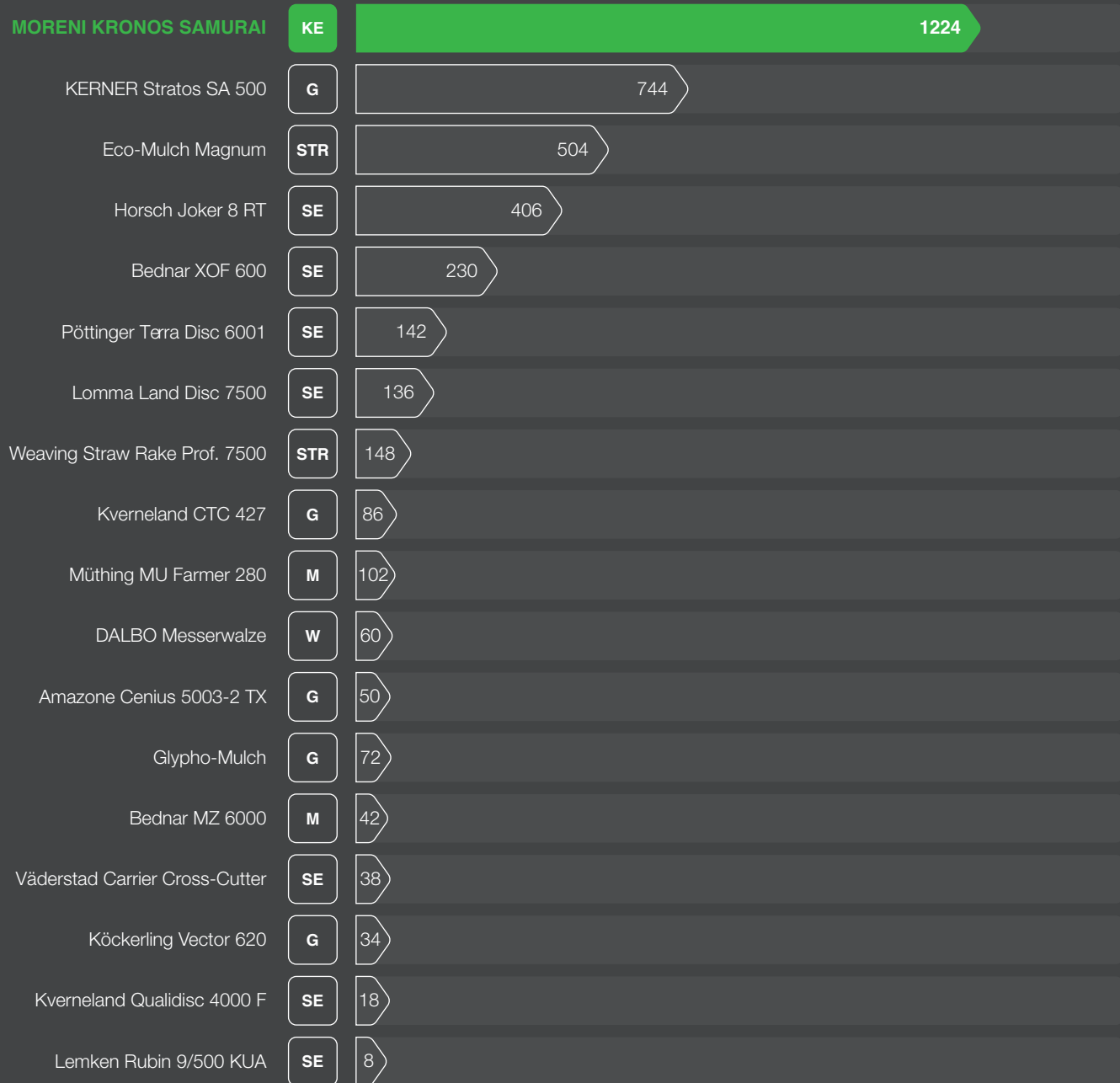
Disc Harrow

- Works in difficult conditions
- + Water flowing

Number of germinated plants/m² 8 days after work ▶



MORENI KRONOS SAMURAI



OFFICIAL STUDY

Official study of the organization for conservation tillage and direct sowing of rapeseed (de):

Official tests demonstrate that the Samurai Blade System guarantees the best conditions for the regrowth of the product.

The data shows the quantity of newly germinated rapeseed plants in one m² in the 8 days following each type of processing.

- KE** Power Harrow
- G** Cultivator
- STR** Harrow
- SE** Disc Harrow
- M** Mulcher
- W** Roller



Via Eugenio Montale, 35 - 25018 Montichiari (BS) - ITALY
 Tel +39 030 9960215 - Fax +39 030 9961299
 www.moreni.it - info@moreni.it

