

Universe[®] Rotor - Patent No. W02013/027005

2012 / 2013 saw the introduction of 2 new rotors for the Koro FTM; Universe[®] and Terraplane[®]. The first blades designed for the Universe[®] rotor were 3/8" (10mm).

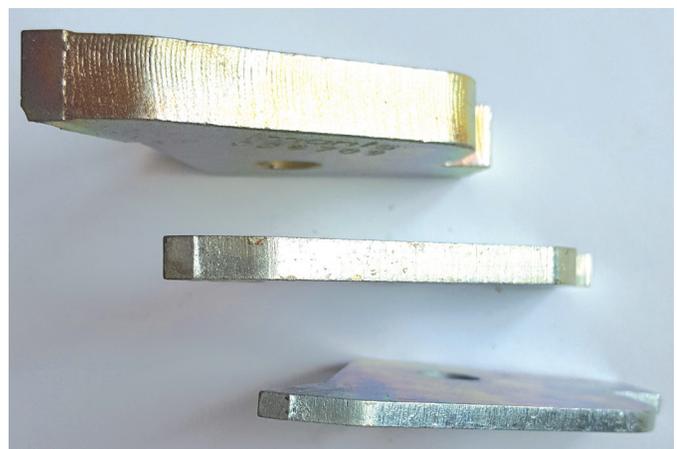


3/8" (10mm) tungsten tipped blades in 4 spiral Universe[®] rotor configuration

3/8" (10mm) blade #026709

Further research and testing on different sports turf and grasses, to see how long the recovery time was in different situations, led to the development of different thicknesses of Universe[®] blades. 3/16" (5mm) and 1/8" (3mm) blades were developed for Koro Universe[®] Finesse mowing, which will deliver a more refined finish, the working depth of the rotors can be set with infinite precision.

All 3 blades can be used on natural turf, on both cool and warm season grasses for Koro Universe[®] Finesse Mowing, or Koro Universe[®] Frazee Mowing.



3/8" (10mm), 3/16" (5mm) and 1/8" (3mm) blades

Universe[®] Rotor For Different Playing Surfaces

The Universe[®] has been used on different playing sport surfaces i.e. golf, cricket and tennis with amazing results achieved.





Universe[®] Fraize Mowing

Patent No. W02013/027005

Koro by Imants Field TopMaker 1500 fitted with Universe[®] Rotor fraize mowing Bermuda grass fairway.

A modern approach to managing excessive thatch build-up in warm season grasses is “Universe[®] Fraize Mowing”.

Most warm season grasses are prone to the rapid accumulation of thatch in the sward. Conventional verticutting and scarification only removes around 7 – 10% of the surface matter, and unless done on a regular basis cannot keep up with the build-up of thatch.

A radical approach is to remove all the organic build-up in one pass. The unique feature of the “Universe[®] Rotor” is that it can be set accurately to leave rhizomes and stolens in place, thus eliminating the need to re-sprig.

Once exposed to sunlight by removal of the canopy, re-generation is rapid, often with full recovery in 3 – 4 weeks. Removing the thatch and organic debris minimizes water retention at the surface, ensuring that any available water passes directly to the rootzone.

In transitional zones, “Universe[®] Fraize Mowing” is used to speed up the transition from winter grasses to warm season grasses. The Universe[®] Rotor will take out the cool season grass and any organic build – up, leaving rhizomes and stolens in place. By removing the competition for water and nutrient, and exposing them to light, the transition period is dramatically reduced.



7 days



14 days

Universe® Fraize Mowing

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