

# Campey™

TURF CARE SYSTEMS

QUALITY GROUND CARE EQUIPMENT



## The KORO® Story - a brief history

The brainchild of Ko Rodenberg, the KORO® FIELDTOPMAKER® came to market in 1997 as the key machine in a renovation programme designed to improve pitch quality and extend playing hours on natural turf soccer pitches. The acquisition of the manufacturing rights by Imants in 2009 and the fine-tuning of the “Fraize mowing” renovation practice, has led to the design of a new range of rotors.

Campey Turf Care Systems have been at the fore in developing the KORO® BY IMANTS FIELDTOPMAKER® into a system that can be used on a wide range of surfaces for a number of different renovation practices. “Koro-ing” is now an established renovation practice worldwide!



## KORO®

# FTM 1.2

The KORO® FTM 1.2 is a heavy-duty fraise mower, for removing unwanted surface matter such as poa-annua, thatch, weeds or the entire surface. The KORO® FTM 1.2 is for compact tractors of around 35 - 50 hp, and is ideal for both fine turf such as golf greens & tees, tennis courts and outfield turf on sports fields and golf course fairways. Optional rotors can be fitted for different applications, like scarifying or spring harvesting. Also available as Base unit with Rear Deflector only.

### Specification

Working width	1.20m
Overall / transport width	1.88m
Working depth	0-50mm deep ( depending on rotor )
No. of Universe® blades	(10mm) 121 on every holder
No. of Universe® Finesse blades	(5mm) 121 on every holder * (3mm) 121 on every holder *
No. of Terraplane® blades	36
Weight	765kgs (fitted with Universe Rotor)
Power requirement	35 - 50hp. Creep speed or hydrostatic drive required
Tractor requirement	540 pto. 30ltr/min hyd. flow. 2 x double acting spool
Operating speed (approx)	0 - 2.4mph (0-4kph) for Universe® rotor 0 - 3.7mph (0-6kph) with Universe® Finesse blades 0 - 1.2mph (0-2kph) with Terraplane® rotor
Options	Mid mounted roller (42kg)

\* different configurations are available





## KORO® FTM 1.6

The KORO® FTM 1.6 is a heavy-duty fraise mower, for removing unwanted surface matter such as poa-annua, thatch, weeds or the entire surface to a depth of 50mm. It has a fold-over, side-arm elevator to remove debris directly into a trailer alongside, and has optional rotors for a variety of different surface renovations. The KORO® FTM 1.6 is ideal for tractors of around 45 - 65 hp, and is ideal for both fine turf such as golf greens & tees, tennis courts & outfield turf on sports fields and golf course fairways. Ideal for scarifying & sprig harvesting.

### Specification

Working width	1.60m
Overall / transport width	2.28m
Working depth	0-50mm deep ( depending on rotor )
No. of Universe® blades	(10mm) 161 on every holder
No. of Universe® Finesse blades	(5mm) 161 on every holder * (3mm) 161 on every holder *
No. of Terraplane® blades	48
Weight	880kgs (fitted with Universe Rotor)
Power requirement	45 - 65hp. Creep speed or hydrostatic drive required
Tractor requirement	540 pto. 30ltr/min hyd. flow. 2 x double acting spool
Operating speed (approx)	0 - 2.4mph (0-4kph) for Universe® rotor 0 - 3.7mph (0-6kph) with Universe® Finesse blades 0 - 1.2mph (0-2kph) with Terraplane® rotor
Options	Mid mounted roller

\* different configurations are available





## KORO®

# FTM 2.0

The KORO® FTM 2.0 is a heavy-duty fraise mower, for removing unwanted surface matter such as poa-annua, thatch, weeds or the entire surface to a depth of 50mm. A side arm conveyor removes debris directly into a trailer, leaving a level, even surface. The KORO® FTM 2.0 is designed for sports turf applications like football & rugby pitches, turf farms, golf fairways, etc. Optional rotors allow the KORO® FTM 2.0 to be used for a variety of different surface renovations, including scarifying, surface planing, brushing, sprig harvesting and cleaning out organic matter from hybrid pitches.

### Specification

Working width	2.00m
Overall / transport width	2.55m
Working depth	0-50mm deep ( depending on rotor )
No. of Universe® blades	(10mm) 202 on every holder
No. of Universe® Finesse blades	(3mm or 5mm) 202 on every holder (101 in half-set)
No. of Terraplane® blades	60
No. of digging blades	64 (32 x LH, 32 x RH)
No. of scarifying blades	112 (1.5mm thick or 3mm thick)
Scarifying blade spacing	34mm (3mm blades)
Weight	1,695kgs depending on rotor fitted.
Power requirement	70 - 90hp. Creep speed or hydrostatic drive required
Tractor requirement	540 pto. 30ltr/min hyd. flow. 2 x double acting spool
Operating speed (approx)	0 - 2.4mph (0-4kph) for Universe® rotor 0 - 3.7mph (0-6kph) with scarifying blades 0 - 1.2mph (0-2kph) with Terraplane® or Digging rotor
Options	Mid mounted roller (54kg)

\* different configurations are available





## KORO®

# FTM 2.5

The KORO® FTM 2.5 is a heavy-duty fraise mower, for removing unwanted surface matter such as poa-annua, thatch, weeds or the entire surface to a depth of 50mm. A side arm conveyor removes debris directly into a trailer, leaving a level, even surface. The KORO® FTM 2.5 is designed for sports turf applications like football & rugby pitches, turf farms, etc. Optional rotors allow the KORO® FTM 2.5 to be used for a variety of different surface renovations, including scarifying, surface planing, brushing, sprig harvesting and cleaning out organic matter from hybrid pitches.

## Specification

Working width	2.50m
Overall / transport width	3.00m
Working depth	0-50mm deep ( depending on rotor )
No. of Universe® blades	(10mm) 252 on every holder
No. of Universe® Finesse blades	(3mm or 5mm) 252 on every holder (126 in half-set)
No. of Terraplane® blades	75
No. of digging blades	80 (40 x LH, 40 x RH)
No. of scarifying blades	148 (1.5mm thick or 3mm thick)
Scarifying blade spacing	34mm (3mm blades)
Weight	1,955kgs depending on rotor fitted.
Power requirement	95 - 120hp. Creep speed or hydrostatic drive required
Tractor requirement	540 pto. 30ltr/min hyd. flow. 2 x double acting spool
Operating speed (approx)	0 - 2.4mph (0-4kph) for Universe® rotor 0 - 1.2mph (0-2kph) with Terraplane® or Digging rotor 0 - 3.7mph (0-6kph) with scarifying blades

\* different configurations are available





# Universe<sup>®</sup> Rotor

- Removing organic debris from semi-synthetic grass pitches.
- 3 different thicknesses of blades available
- Universe<sup>®</sup> rotor International Publication Number WO2013/027005  
WO2014/064407 WO2014/184512
- Modern fraize mowing on warm and cool season grasses.
- Tungsten-tipped blades for increased durability.

## Blade options



10mm blade #026709



5mm blade #030044



3mm blade #029654

## Percentage removed with different blades and configurations of the Universe<sup>®</sup> Rotor

### 10mm

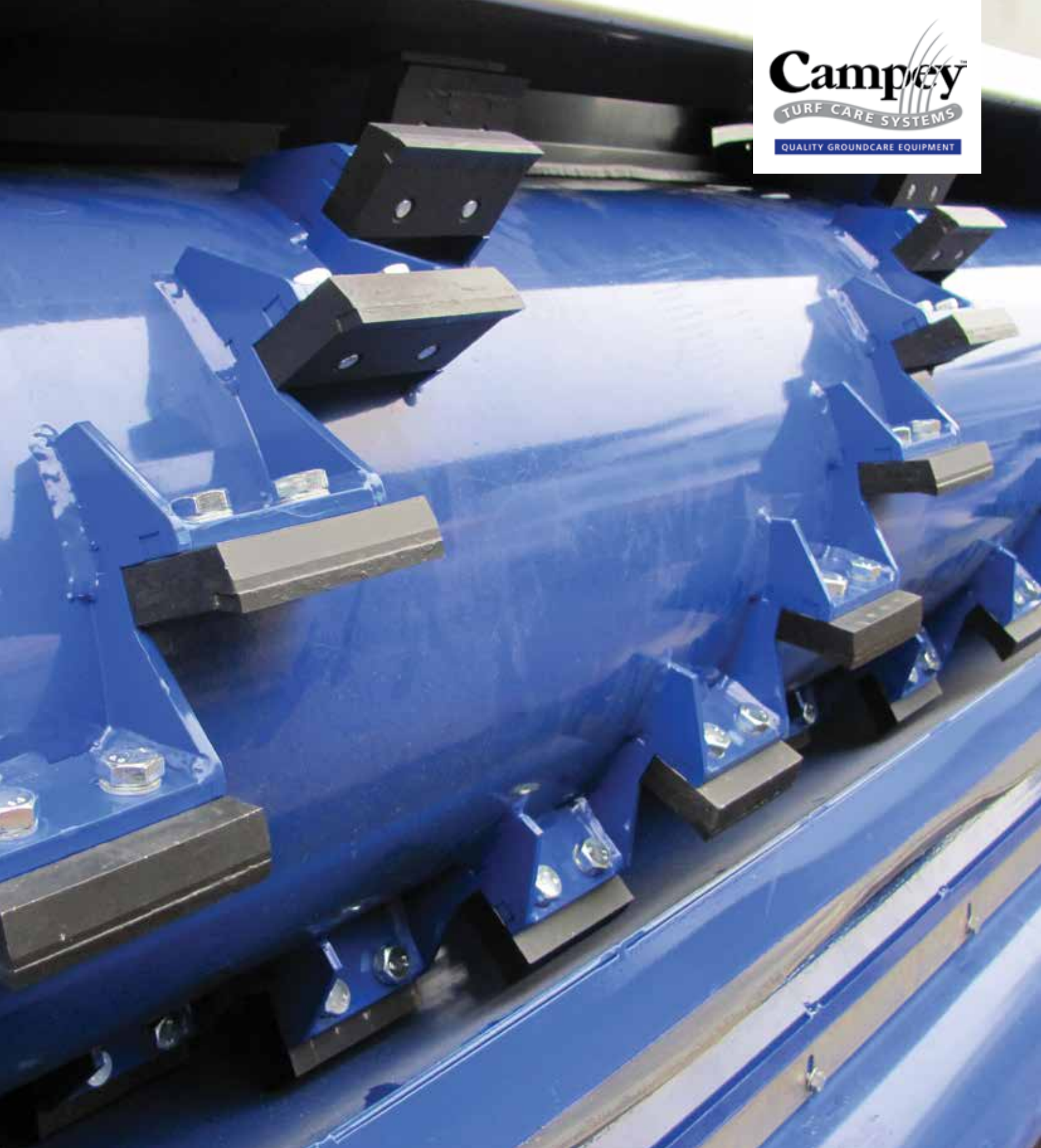
- With the 10mm blades on 4 spiral you remove 100% of the surface
- With the 10mm blades on 2 spiral you remove 50% of the surface with 10mm gone 10mm still there

### 5mm

- With the 5mm blades on 4 spiral you remove 50% of the surface with 5mm gone 5mm still there
- With the 5mm blades on 2 spiral you remove 25% of the surface with 5mm gone and 15mm still there

### 3mm

- With the 3mm blades on 4 spiral you remove 30% of the surface with 3mm gone and 7mm still there
- With the 3mm blades on 2 spiral you remove 15% of the surface with 3mm gone and 17mm still there



## Terraplane® Rotor

- Accurate planing of surface down to 50mm deep.
- Tungsten faced blades for increased durability & reduced down-time.
- Unrivalled surface hygiene for a clean, smooth surface.
- Terraplane® rotor N2008947

The Terraplane Rotor® now leads the way in accuracy of cut, blade durability and surface hygiene. The Terraplane® Rotor will shave off the precise amount of organic material required, leaving a clean, smooth and even surface. The durability of the tungsten faced blades prolongs the accuracy of cut, and reduces the down-time associated with changing blades. The unrivalled surface hygiene of the Terraplane® Rotor eliminates any clean-up pass and saves time, labour and fuel costs.



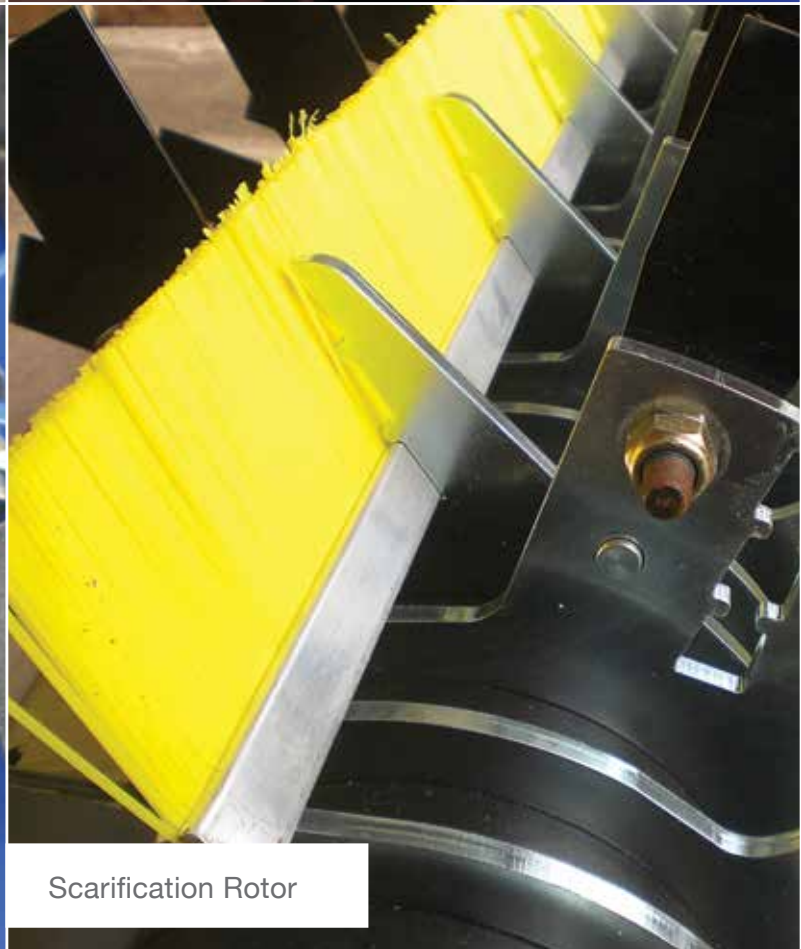
Terraplane® Rotor  
Patent protected NL2008947



Universe® Rotor  
International Publication  
Patent No. WO2013/027005 WO2014/064407 WO2014/184512



Digging Rotor



Scarification Rotor

KORO® BY IMANTS  
**KORO® Rotor Innovation**