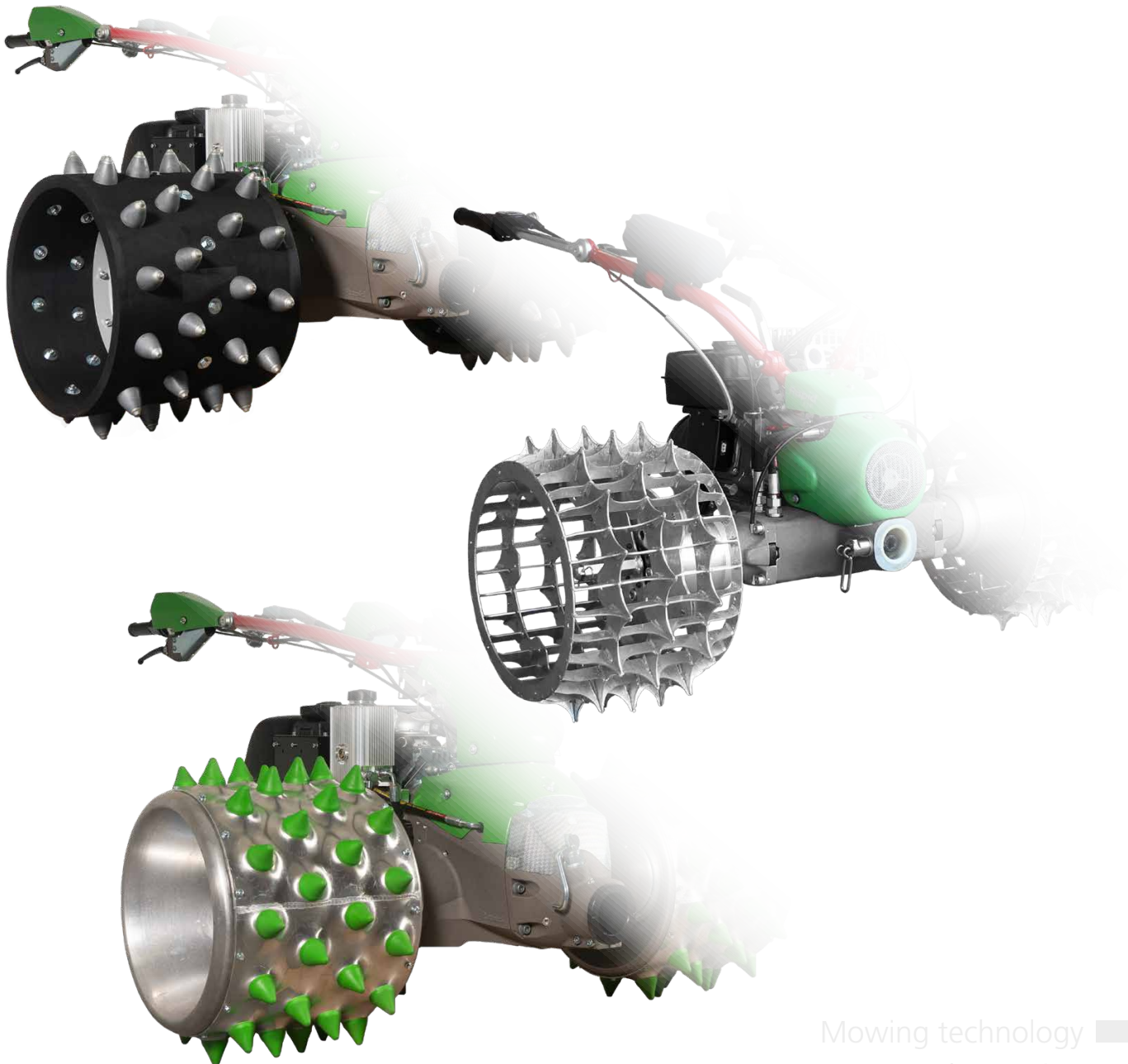


Rapid

Wheel assortment

The right wheel for every requirement



- Mowing technology
- Forage harvesting
- Mulching technology
- Tillage
- Cleaning
- Winter service
- Transport
- Special applications





Sprocket wheels

Rapid sprocket wheels are characterised by a cage-like, open structure made entirely of metal. The spikes are cross-shaped and therefore penetrate reliably into the ground without great resistance, even in lighter equipment combinations and harder soils or dry conditions.

The wide and narrow versions offer the possibility of mounting this type of wheel solo or in combination with wheels with rubber tyres, if the requirements and conditions vary.

Success factors

- Easy penetration into the soil in dry and hard conditions
- Can be used flexibly because they can be easily combined with other wheels
- Very good power transmission



Sprocket rolls

The sprocket rolls have a running surface and «rim part» made of aluminium, as well as screwed-on plastic spikes. Characteristic recesses are incorporated in the running surface, to which the conical spikes are attached. Soil adhesion is minimised by this irregular shape of the running surface, and the risk of snagging and getting wrapped up in forage is also very low.

The conical spikes are available either in solid plastic or as a combination of plastic bodies with steel tip (SSP). The steel tips offer a longer service life, while the plastic spikes make for smoother operation.

Success factors

- Low risk of getting wrapped up
- Low risk of dirt adhesions
- Spikes can be replaced individually



Flexispike

This type of wheel consists of rubber webbing with spikes and a wheel disc. The running surface is flexible, and adapts to any unevenness or obstacles in the ground. Due to the flexing of the wheel, the contact surface is wide even in such situations and there are always several spikes in action, which provides power transmission.

Furthermore, the movement of the belt as it rolls always removes any build-up of soil material itself.

The bulged spikes have an involute shape, which is primarily responsible for the spikes being pulled out of the ground smoothly. Thus, scar damage and forage contamination are reduced to a minimum.

The wheel offers outstanding «climbing properties» on stony ground or areas with obstacles.

Success factors

- Self-cleaning by means of flexing
- Good power transmission at all times, even in the event of unevenness and obstacles
- Good climbing properties due to ground adaptation
- Spikes can be replaced individually

Flexispike: Also suitable for your Brielmaier, Aebi, Köppl or Ibex



Wheel assortment

Overview of types and compatibility

AREAS OF APPLICATION AND CRITERIA

Wheel type	Sprocket wheel	Sprocket roll	Sprocket roll	
			SSP	Flexispike
Suitability for slopes	***	***	***	***
Penetration of the spikes into hard soils	***	**	**	**
Impurities/adhesions on running surfaces	*	***	***	***
Impurities/build-up in wheel drum	*	***	***	*
Power transmission on stony areas and soils	*	*	*	***
Power transmission on rock slabs and soils of low thickness	**	**	*	***
Roots	**	**	**	**
Wrapping up	*	***	***	**
Driving on sensitive surfaces	*	***	*	**
Vibrations when driving on hard surfaces/roads	*	**	*	***
Curbs	**	*	*	***
Combination options with pneumatic wheel	***	***	***	—

Wheels with rubber tyres

Wheels with rubber tyres are a solid basic tyre configuration which offers certain characteristics both due to the running surface and the material. The tyre's internal pressure can influence the contact surface, the transferable traction, the rolling properties, wear and self-damping properties. The tyre profiles have different characteristics and are suitable for various applications.

The AS profile ensures universal use, especially for grassland and tillage applications, traction is reliably transmitted by the tread webs. Lawn and road profiles are particularly suitable for driving on sensitive surfaces and on paved surfaces. They have smooth running characteristics and can easily be equipped with snow chains for winter road maintenance applications.

Wheels and wheel combination examples



AS 6.00-12



BR 21x11.00-10



RB 23x8.50-12



Wheel combination



Wheel combination



Wheel combination