

From the inventors of professional turf maintenance.

As a manufacturer of professional specialised machines, our entire passion is applied to turf. No matter whether on the golf course, in large sport stadiums around the world, or in the municipalities – the care of professionally employed lawns and turf are especially close to our heart. We have made this passion our profession, and thanks to our experience and know-how, we have also expanded to artificial turf maintenance and dirt and snow removal.

Our high-quality mounted equipment for compact tractors and municipal equipment carriers provide complete solutions for turf regeneration and the collection and removal of grass and leaves. Highly specified mowers, turf sweepers, artificial turf maintenance equipment and snow blades round off the product range with convincing efficiency and practicality. No matter what time of year, no matter for what purpose, as professionals we know what professionals need.



VARIO FLEX

Adjustable-width combined spring flap rake blade for professionals for tractors and communal vehicles

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We love turf. www.wiedenmann.com



VARIO FLEX

Adjustable-width combined rake blade with spring flaps for tractors and communal vehicles.

VARIO FLEX is the ideal rake blade for professional users and is attached to tractors with an engine power of up to 60 kW (80 HP) as well as to communal vehicles. This rake blade features with a very sturdy construction, a swivelling axis with maintenance-free slide bushings, and excellent functionality. The strong points of VARIO FLEX show in particular under extremely difficult and narrow conditions of application, e.g. on pavements, parking lots etc. The folding mechanism makes it possible to use the rake blade in confined areas with obstacles as well as for efficient snow removal in open spaces. Bumpy roads are compensated by the pendulous suspension. Adjustable compression springs allow VARIO FLEX to return to its basic position after each pendulum swing. Snow can be swept away easily to the left or to the right by inclining the rake blade to 30°. Even an arrowhead or V-position can be quickly adjusted by means of the 2 standard hydraulic cylinders. In arrowhead-position the pressure lasts on the adjustable limiters and not on the hydraulic cylinders.

The standard equipment of VARIO FLEX includes 6 spring flaps. The spring flaps fold down separately when ramming obstacles and automatically return to their original working position by means of the spring tension. Besides, the standard equipment of VARIO FLEX includes plastic or steel scraping ribs, flag holders and holders for side marker lamps.

The VARIO FLEX blade is optionally available with the comfortable electrohydraulic control or a fully hydraulic control. The fully hydraulic control system is specially designed for highly upgraded municipal vehicles and tractors.

Accessories (option):
Sliding shoes, warning flags

TECHNISCHE DATEN TECHNICAL DATA	
Blade width (straight position) in cm approx.:	167 / 250
Blade width (inclined position; left / right / V- or arrowhead position) in cm approx.:	150 / 217, 154 / 227, 137 / 209
Blade height in cm approx.:	80
Attachment to vehicles up to kW (HP):	74 (100)
Weight in kg approx.:	350
Electrohydraulic control:	1 x double-acting hydraulics + low-pressure return flow necessary
Fully hydraulic control:	3 x double-acting hydraulics + low-pressure return flow necessary

Descriptions and illustrations are not binding. Changes in design and execution are possible.

FUNCTION AND BLADE ALIGNMENT

	Fully hydraulic	Electro-hydraulic
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	Overload protection of the outer blades	Yes	Yes
	Overload protection of the inner blades	Yes	Only in the selected state
	Automatic control and display of the outer blade position	–	Yes
	Separate swivelling of the inner blades left / right	Yes	Yes
	Parallel swivelling of inner blade V / plough	Carrier vehicle-specific	Yes
	Automatic alignment of inner blade to plough position	–	Yes
	Separate swivelling of the outer blades left / right	Depending on the restricted area	Yes
	Parallel swivelling of the outer blades off / on	Yes	Yes
	Swinging out the outer blades with inner blade inclined backwards	–	Only outwards!
	Automatic locking of the settings of inner and outer blades at risk of collision	Outer blades	Inner and outer blades