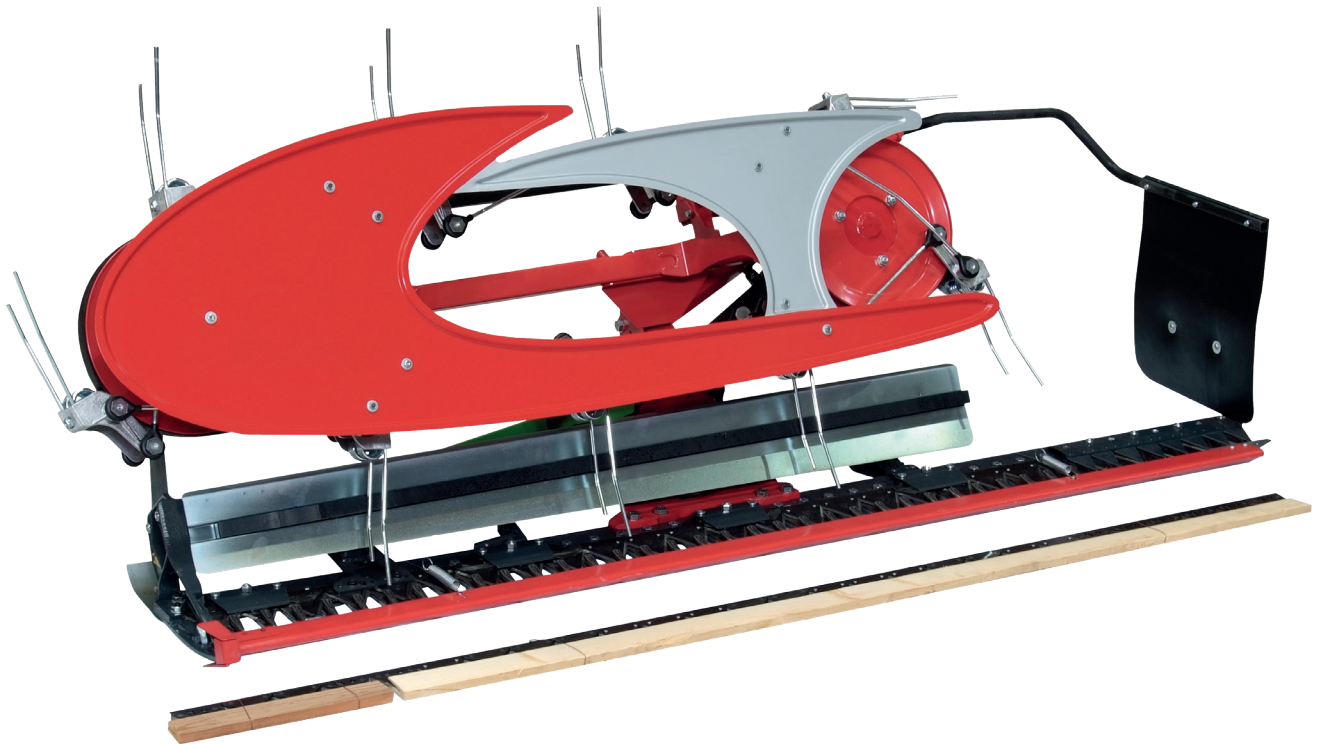


# Rapid

## Zero grazer

Proven technology for soil-friendly  
green forage recovery



Mowing technology 

Forage harvesting 

Mulching technology 

Tillage 

Cleaning 

Winter service 

Transport 

Special applications 

# Mowing the forage and combining it into one swath – in one pass



The Rapid Compact zero grazers are mounted on the walk-behind tractor and are designed for picking up green forage.

Coming from a time in which front PTO shafts or front mowing units were not common, the system is still justified today and is suitable, if used correctly (especially in a damp spring), due to its soil- and crop-friendly properties. In addition, the process does little harm to small animals.



## OVERVIEW OF MODELS AND FEATURES

Type	1648	1649
Working width	206 cm	203 cm
Cutter bars	Middle cut sickle bar	Diamant cut sickle bar
Finger spacing	50.8 mm	58 mm
Input speed	1000 U/min	1000 U/min
Hay-bob tines	9 tines	9 tines
Weight	146 kg	125 kg
Connection flanges	78/80 mm	78/80 mm

## The keys to success

- Low forage contamination due to gentle removal of the cut material immediately after cutting
- Soil protection due to low total weights of the machines used in the overall process
- Possible applications even in difficult conditions (wet, slope, etc.) due to the characteristics of the single-axle appliance
- Low fuel consumption, protection of small animals through oscillating mowing technology

## Technical design and function

The three-shaft gearbox with overload protection is the heart of the system and houses the drive for the knife and tine belt in a very small space.

The knife is driven on the side by a push rod and a flat drive plate on the knife to prevent the cut material from flowing off.

The tine belt is guided and driven by the belt pulleys. The tines are controlled by the suspension and the associated linkages.



# The original – compact, efficient, proven

## Operation and application

The green forage is mowed with the finger bar, immediately after the cut the crop is caught by the tines and transported to the side in one swath. During the subsequent run in the opposite direction, another swath is created and is placed against or on the already lying swath (referred to as a double swath). This swath is picked up in a subsequent operation, e.g. by transporter or loading wagon.



**Transport to the place of operation**  
*The entire combination can also be moved over long distances to the place of operation with a tractor using the drawbar. The freewheeling setting of the single-axle walk-behind tractor is used in this case.*

## Swath flap

The swath flap supports the deposition of the cut material and contributes to a regularly formed swath. The swath flap can be adjusted in height and lateral position depending on the crop and forage quantity.

## Useful accessories – grease gun

The grease gun, which can be mounted on the tubular handlebar, allows the operator to conveniently lubricate the push rod during operation within reach of the handlebar.



## Cutting mechanism, outer shoe

With the cutting mechanism side, the swath can be cut under during the subsequent pass without the cut material accumulating or clogging. The outer shoe separates the standing fodder, while the rod optimises separation of the fodder depending on the crop.



## Useful accessories – Cover sheet

The cover sheet can be used to protect the machine from the elements and weather influences if it is left in the meadow.

## Useful accessories – drawbar

The drawbar allows the attachment or the complete combination to be towed by a towing vehicle and taken to the place of operation.

## Rapid compact zero grazer Overview of types and compatibility

WALK-BEHIND TRACTOR MODEL			REX	MONDO M091	MONDO M141	KIPOS M141	URI E041	SWISS	MONTA M141	MONTA S141	MONTA M161	MONTA S161	MONTA M231	MONTA S231	VAREA M141	VAREA S141	VAREA M161	VAREA S161	VAREA M231	VAREA S231	ORBITO
Attachment name	Art. no.																				
Compact zero grazer – Middle cut sickle bar 206 cm	1648		-	-	-	-	-	-	•	•	•	•	•	•	-	-	-	-	•	•	•
Compact zero grazer – Diamant cut sickle bar 203 cm	1649		-	-	-	-	-	-	•	•	•	•	•	•	-	-	-	-	•	•	•

### Main areas of application



The rapid unit combination with the compact zero grazer can be used for gentle or intensive applications on grassland thanks to the rotatable netting.

The main areas of application are:

- Agriculture
- Mountain agriculture
- Grassland management
- Grassland care
- Landscape maintenance



Result: Double mowing for pick-up in the following work step