

TERRAGRADER 3000 & TERRAGRADER 2000

Professional quality in technology and durability



www.ecoroadsgroup.com

- Motor grader - unique design
- Universally attachable
- Quick assembly
- High quality



Perfection in 2 sizes

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Grading from a tractor with a minimum 80 HP



- High thrust also with lower motor outputs – from 80 HP, perfect grading guaranteed
- Full-size grader with attachment to any tractor – unbeatable multi-use



Pure stability, even with the most difficult loads



The main frame: simple, solid



Manufactured
from the best
materials

- The robust front end frame serves as a rock-solid and fatigue-resistant load-bearing element, ensuring precise guidance for turntable and clutch
- The turntable consists of a double ball bearing ring for heavy loads



Front plate*

- The front end is made of non-alloy section steel with excellent fatigue resistance
- The latest production techniques have been used to keep welded seams to a minimum

*Optionale equipment



Versatile – equipment for laser and 3D control

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Established technology with years of experience



Easy and fast
transport to
the job site

- Transport from one job site to another is easy and uncomplicated

For removing material from the
surface



In depth processing of the
ground



- Thanks to its design, the cutting angle adjustment of the plate can be set from “flat” to “steep”



Coupling within a few seconds



Time-saving with the quick coupling system as well as easy handling and a good overview



Excellent
overview

- A good overview is essential for a fast and clean result

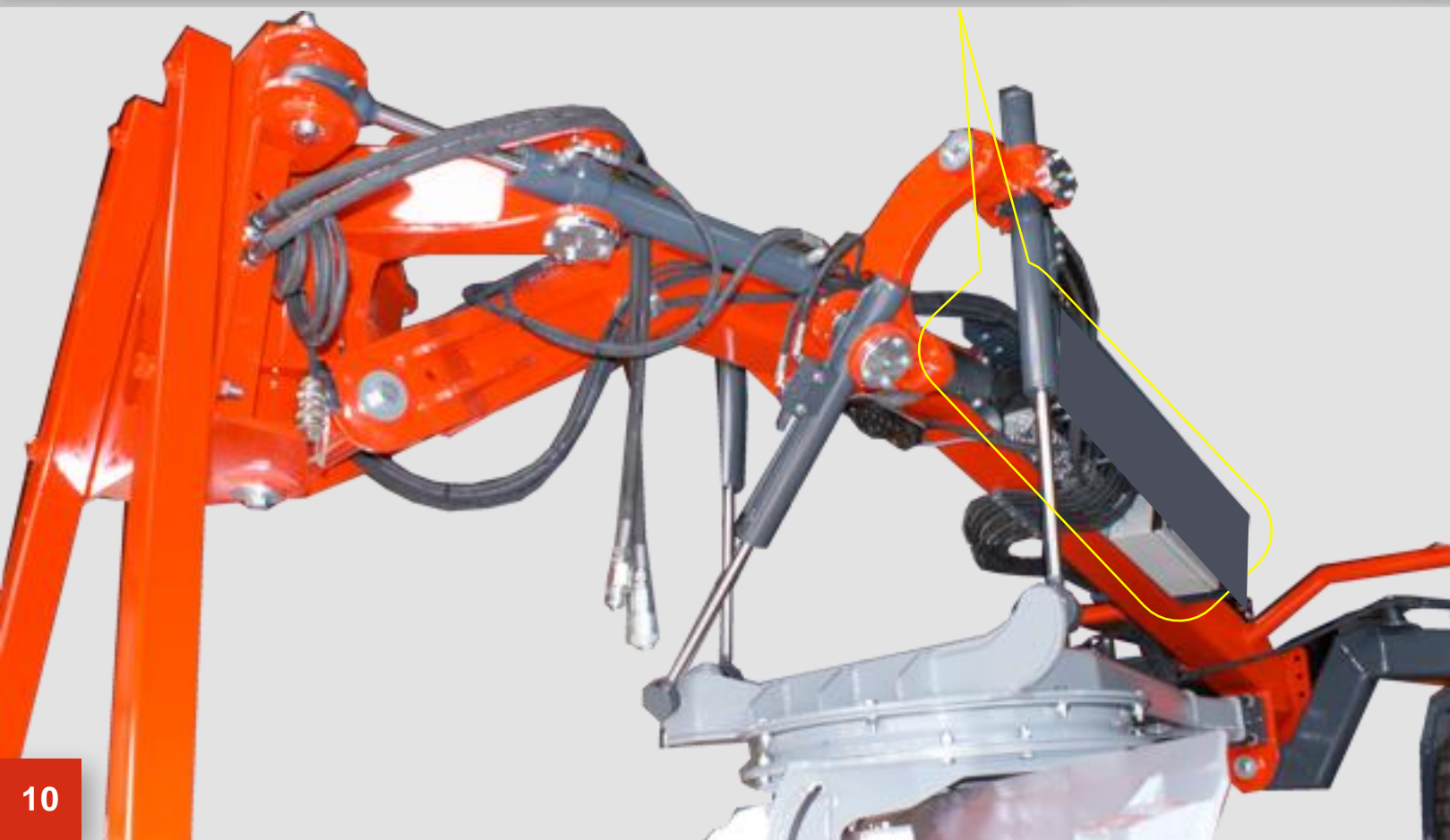


All functions
combined on
one joystick

- Smart control system enables logical and easy single-hand operation of all functions using the joystick. Thus, the second hand stays free for steering



Electronic and hydraulic system well positioned



Precision with CAN bus electronics



Load-sensing
controllers
system

- Hydraulic system: controlled load-sensing hydraulic system and a Sauer-Danfoss control block guarantee precise and sensitive operation of all functions of the grader



Sauer-
Danfoss
control block



Higher manoeuvrability with the standard articulated steering

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Steering – changing direction made easy



With a small radius, it is easy to drive around obstacles

- The articulated steering enables driving around obstacles or comfortably driving into tight spots



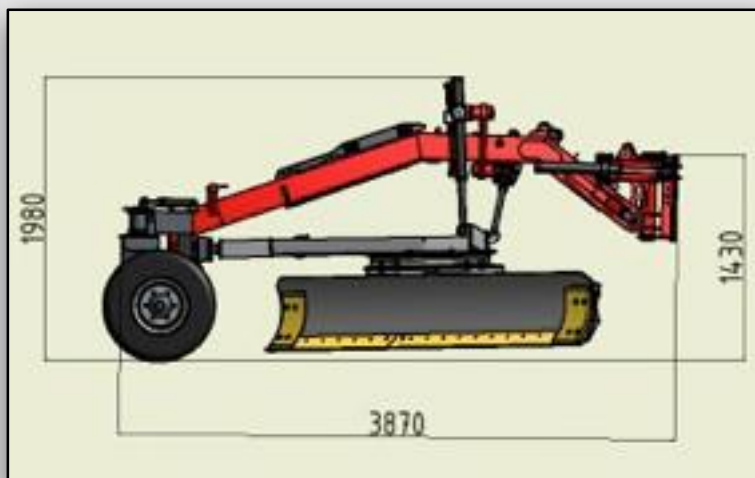
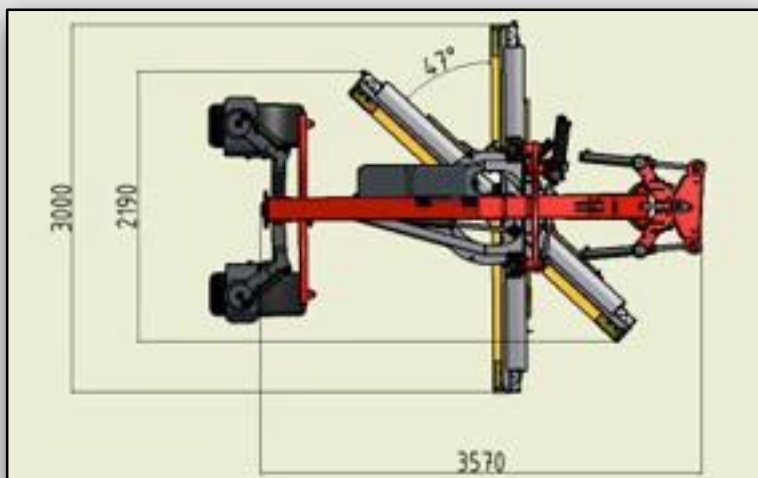
Auxiliary steering via hydraulic rams

- Additionally, there is the option of a “hydraulic auxiliary steering”, which is activated on the joystick, if necessary. When the grader wants to laterally push away the carrier vehicle, it helps to keep it on track

Technical Data

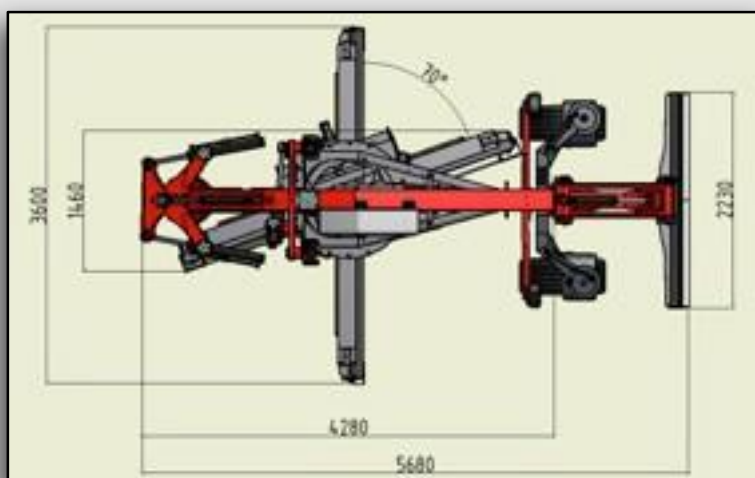
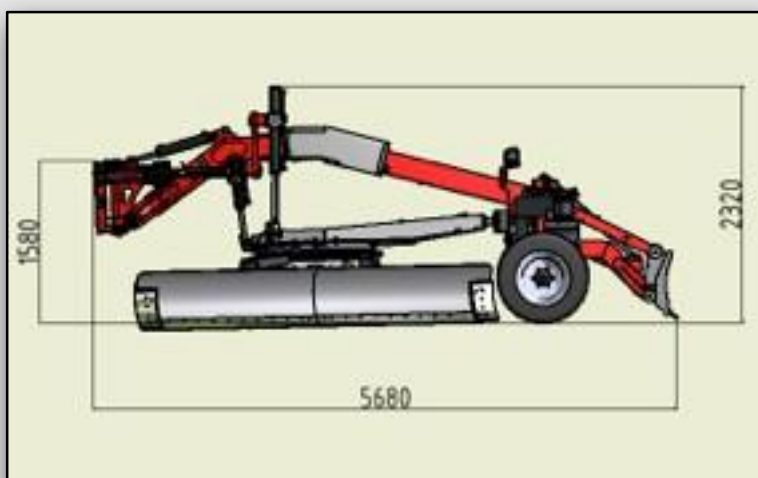
TERRAGRADER 2000

Carrier vehicle required	from approx. 2,000 kg
Capacity required	from approx. 80 HP
Hydraulic capacity required	ab ca. 40 l
Turntable	Turntable with double ball bearing
Turntable diameter	880 mm
Turning angle	91 degrees
Cutter	Made of wear-resistant, high-quality steel, changeable, forked cutting and edge blade
Cutter length (mm)	2,000 / 2,400 / 2,600 / 3,000
Cutter height	520 mm
Cutting blade height / thickness	150 / 20 mm
Cutter settings	
Shift to	right / left 450 mm
Max. angle of slope	right / left 47 degrees
Max. lift above soil	270 mm
Max. digging depth	290 mm
Cutting angle adjustment	Hydraulically 45 degrees
Hydraulics	Load-sensing hydraulic control block for precise and easy control of the cutter. By simply replacing a valve, work may also be undertaken without load sensing.
Frame	Torsion-resistant pressed and welded special section tube made of high-strength fine-grained steel
Electrical system	12 V or 24 V system depending on the carrier vehicle, built-in lighting
Front axle	Floating axle with free-turning wheels
Steering	Free-rotating wheels, if requested, with positive steering from the cab
Articulated steering	Articulated steering built into attachable frame, with right / left 52 degree steering angle
Cutter control	Single-lever control (joystick control)
Deadweight	2,000 kg



TERRAGRADER 3000

Carrier vehicle required	from approx. 5,000 kg	
Capacity required	from approx. 100 HP	
Hydraulic capacity required	from approx. 40 l	
Turntable	Turntable with double ball bearing	
Turntable diameter	1,200 mm	
Turning angle	70° left and right	
Cutter	Made of wear-resistant, high-quality steel, changeable, forked cutting and edge blade	
Cutter length (mm)	3,000 / 3,300 / 3,600	Extra equipment
Cutter height	580 mm	Work lighting LED
Cutting blade height / thickness	150 / 20 mm	Hydraulic quick coupling system
Cutter settings		Hydraulic power steering
Shift to	right / left 600 mm	Lateral cutter wear protection
Max. angle of slope	right / left 60 degrees	Front plate
Max. lift above soil	550 mm	Prepared for laser automatics
Max. digging depth	300 mm	Plate banking automatics
Cutting angle adjustment	Hydraulically 45 degrees	Cutter bit rail
Hydraulics	Load-sensing hydraulic control block for precise and easy control of the cutter. By simply replacing a valve, work may also be undertaken without load sensing.	
Frame	Torsion-resistant pressed and welded special section tube made of high-strength fine-grained steel	
Electrical system	12 V or 24 V system depending on the carrier vehicle, built-in lighting	
Front axle	Floating axle with free-turning wheels	
Steering	Free-rotating wheels, if requested, with positive steering from the cab	
Articulated steering	Articulated steering built into attachable frame, with right / left 52 degree steering angle	
Cutter control	Single-lever control (joystick control)	
Deadweight	4,500 kg	



products

GRADER



CRUSHER



RIPPER



COMPACTOR



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