

- + ECO PIVOT
- + CENTERSTAR
- + CORNER
- + BENDER
- + TOWABLE
- + LINERSTAR
- + CENTERLINER
- + MONOSTAR



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IRRIGATION

PIVOTS & LINEAR

MORE THAN PIVOTS: RESULTS THAT GO BEYOND!

WWW.BAUER-AT.COM



TRADITION WITH INNOVATION

Since its inception in 1930, BAUER has been ahead of its time through disruptive innovations that enhance the efficient use of water resources and waste in a sustainable and long-lasting way.

A pioneer in wastewater treatment development and the global leader in hose reel sales, BAUER has also achieved technological leadership in the center pivot segment, ensuring productivity with sustainability for farmers worldwide.

We strive for satisfied customers **all over the world.**



Headquarters in
Voitsberg, Austria

Service centers in **+100 countries**
and **5 continents**

Branches in **8 countries**

+1000 employees worldwide



PIVOTS & LINEAR



PIVOTS & LINEAR





REMOTE MANAGEMENT

01. IRRICONTROL PLATFORM: INTELLIGENT IRRIGATION AUTOMATION

IRRICONTROL provides connectivity, automation, water management, and security for the field, integrating full control of irrigation into a single platform.



CONNECTIVITY

02. RADIO CENTRAL / SOLAR REPEATER

The CENTRAL enables secure communication between farm devices and the IRRICONTROL platform, allowing remote control of the irrigation system. The SOLAR REPEATER extends the signal range, ensuring coverage over larger areas, powered by a battery and solar panel.



SECURITY

03. SAF ALARM

SAF system protects pivots and pumps 24/7 with satellite technology and independent power, ensuring the safety of key components.



CONTROL PANELS

04. SMARTCONNECT

The SMARTCONNECT G2 turns the BAUER pivot into an intelligent remote management system, with easy installation, surge protection, and low maintenance.

05. NEXUS

Compatible with various brands, the NEXUS connects the pivot to the IRRICONTROL platform, enabling secure and efficient remote management.



ACCESSORIES

06. IRRIFAST

Drive system balancing torque and speed, speeding irrigation cycles by up to 50% and ensuring uniformity; ideal for uneven terrain.

08. RAIN GAUGE

The RAIN GAUGE sends precipitation data to the control panel and IRRICONTROL platform, enabling real-time irrigation adjustments for improved water use efficiency.

07. PRESSURE SENSOR

The sensor continuously monitors pivot pressure, quickly detecting issues like clogged nozzles to ensure operational efficiency.

11. COSMOFIELD

COSMOFIELD monitors soil moisture in real time with high precision and wide coverage, helping to make more accurate irrigation decisions.



WATER MANAGEMENT

09. LEVEL METER

The LEVEL METER, integrated with the platform, provides accurate water resource data, promoting savings and environmental efficiency.

10. IRRIPUMP

IRRIPUMP allows remote control of pumping, ideal for water transfer needs on the farm.

12. SPOTi

SPOTi enables direct pivot activation, prevents failures from damaged cables, and ensures continuous pump operation.



ecoPivot FITS YOUR FIELD

With the **ecoPivot**, BAUER presents a forward-looking irrigation solution that meets the needs of many producers for conscious resource use and clear functionality. Manufactured in proven Bauer quality, the ecoPivot focuses on what truly matters: reliable, efficient, and resource-saving irrigation – without unnecessary extras, but with maximum impact.



FOR AREAS UP TO 20 HECTARES: high efficiency in smaller spaces;



COMPACT STRUCTURE: up to 4 spans, with 7 to 10 pipes per span;



OPTIONAL TECHNOLOGY: integration with Irricontrol for remote management;



TWO PIPE OPTIONS: Ø133 mm or Ø168 mm, adapting to your needs.

ecoPivot – your smart solution for reliable, resource-efficient irrigation with maximum cost-effectiveness and premium quality.

TECHNICAL DATA

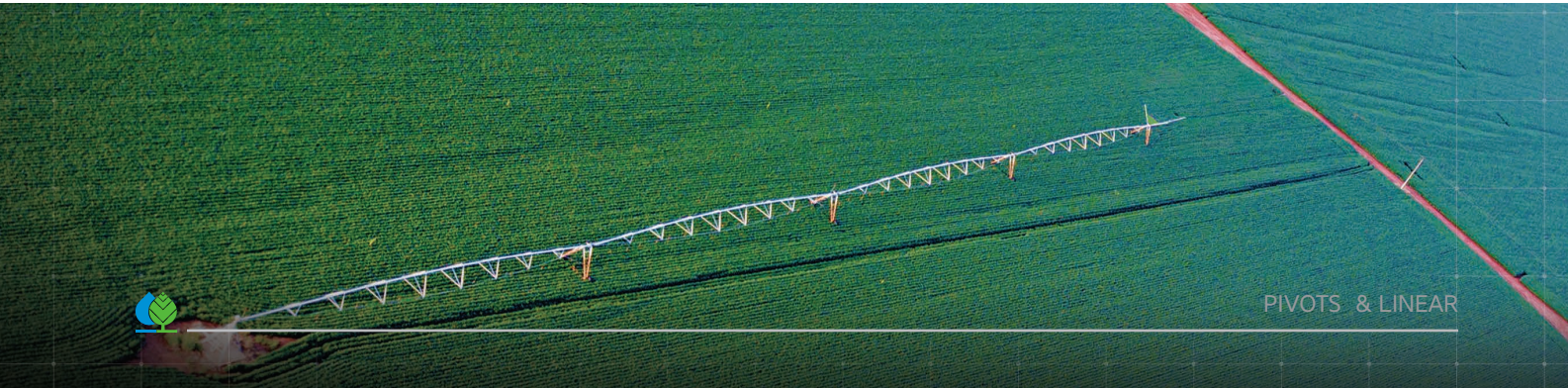
	15 ha	20 ha
System length	222m	252m
Irrigation Area	15,4 ha	20,3 ha
Flow Rate	96,9 m³/h	124,3 m³/h
Precipitation Rate (mm/day)	10mm	10mm
Operation Time (h)	16h	16h
Connection Pressure	2,8 bar	3,1 bar
Power Consumption	4,0kW 400V 50Hz	4,0kW 400V 50Hz

**Technical
Data 15 ha**

mm/d	4	7	10	15
h	7	12	16	24

**Technical
Data 20 ha**

mm/d	5	7	10	15
h	8	12	16	24



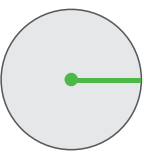
PIVOTS & LINEAR



PIVOTS & LINEAR



IRRIGATION UNDER THE MOST ADVERSE CONDITIONS



SYSTEM 9000

CENTERSTAR

OPTIMAL USE OF YOUR WATER RESOURCES

The center pivot is a key solution for boosting agricultural productivity, enabling uniform water distribution over large areas with precision and efficiency. Bauer offers three center pivot models, each with specific features tailored to different crop types and field requirements.



STANDARD PIVOT (EL)

Standard model with 3.1 m (10'2") ground clearance, easy to operate, versatile, and designed to deliver efficiency and cost savings across most crop types.



SUGARCANE PIVOT (E)

With a ground clearance of 3.9 meters (12'10"), it is ideal for tall crops such as sugarcane. If equipped with Polystar it can supports wastewater and corrosive liquids. The pivot can also be equipped with a track cleaner, system that protects plants during movement.



EXTRA-HIGH PIVOT (EH)

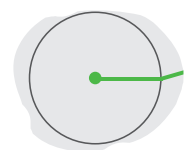
Featuring the highest ground clearance on the market, 6.0 m (19'8"), it has a reinforced chassis and extended axle spacing for added stability on challenging terrain. Recommended for crops taller than 4.0 m (19'8"), such as papaya and orange.



COMPARISION BETWEEN PIVOTS

	Standard (EL)	Sugarcane Pivot (E)	Extra-High Pivot (EH)
Ground Clearance	3.1m (10'2")	3.9m (12'10")	6.0m (19'8")
Advantages	Ideal for most crops	Trail cleaner	Largest clearance on the market
Examples	Potato/Soy/Beans	Sugarcane	Papaya/Orange





SYSTEM 9000

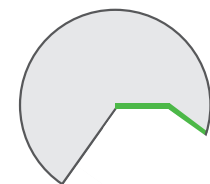
CENTERSTAR^{CORNER}

OPTIMAL AND FULLY AUTOMATIC USE OF EVERY FIELD

These corner systems make it possible to create a virtually rectangular irrigation area from a circular area and thereby to ensure optimal irrigation of the crops. Corner systems can also be added to existing pivot systems.

THE ADVANTAGES OF THE CORNER SYSTEM

- + A **fully automated system** which **no manpower required**, thereby improving operating efficiency;
- + **Optimal area** adaptation;
- + **Precise water distribution** through speed controlled drives;
- + **Perfect irrigation management**;
- + **Robust construction**;
- + **Corner span up to 90m long**.



SYSTEM 9000

BENDER 30°

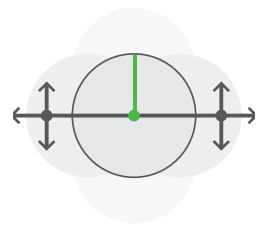
INNOVATION THAT OVERCOMES CHALLENGES, WITHOUT INCREASING COSTS

The Bender was developed to offer an inexpensive alternative to the Corner. The requirement for the bending angle was defined as at least 30° in both directions.

BASIC REQUIREMENTS FOR BENDER 30°

- + **Precise alignment** while in pivot mode;
- + **Assure performance**: Integrated back-up safeties prevent the machine from overextension and ensure a return to normal operation after bending;
- + **Spans must be able to absorb unevenness in the terrain**. Twisting and differences in height;
- + **Simple installation**;
- + **Easy to retrofit** without required structural change;
- + **Automatically bending** – no operator necessary;
- + Bending in **forward** and **reverse operation**;
- + The Bender can be **located at any Span** of the **CENTERSTAR**.





SYSTEM 9000

TOWABLE PIVOT

VERSATILITY IN IRRIGATION MANAGEMENT

The towable pivot is an easy-to-operate solution designed to irrigate non-fixed areas with regular shapes. Ideal for farms seeking greater versatility in irrigation management, it can be transported between different fields. Its central tower, equipped with wheels or skids, allows for practical movement. This way, the grower can make the most of a single piece of equipment across multiple points in the field.

DRIVE TOWER WITH MOBILITY

In the towable pivot, the drive tower is equipped with exclusive assemblies that make it easier to move between fields, ensuring the same efficiency as a standard pivot with much more versatility.



SYSTEM 9000

CENTERLINER

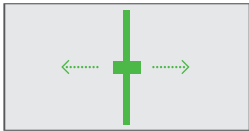
THE MULTI-TALENTED IRRIGATION SYSTEM

The economic solution for all farming areas and crop types. Optimal utilisation of the area thanks to the intelligent control system and high levels of flexibility, including on uneven terrain. The Centerliner 9000 is characterised by its top quality irrigation and low energy consumption.

THE ADVANTAGES OF CENTERLINER

- + **Optimal area utilisation**, including on **uneven terrain**;
- + **Intelligent control** with **low operational input** required to control the system;
- + **Setting of various irrigation precipitation rates** across one area;
- + **Energy-saving** low pressure system;
- + **Towable and with a high level of flexibility**;





SYSTEM 9000

LINESTAR

THE OPTIMAL SOLUTION FOR RECTANGULAR AREAS

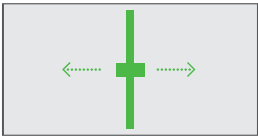
The Linestar System 9000 from BAUER is ideally adapted to guarantee the secure and ongoing irrigation of large rectangular areas. Perfect directional stability and the independent correction of any deviations between the drive towers also take place on challenging and difficult terrain. Robust, durable, accurate and suited to different sized areas: A BAUER Linestar system requires minimal work input.

THE ADVANTAGES OF LINESTAR

- + **Optimal area utilization in rectangular fields** (up to 100%);
- + **Gentle irrigation** which does no damage to the plants or soil;
- + Low pressure system with **low energy consumption**;
- + **High level of irrigation efficiency** thanks to the ground-level water distribution;
- + **High level of flexibility** due to the towing and rotation options.

2 wheel	4 wheel	Linestar Basic data
	✓	4 wheel central unit with rigid connections for drag horse
✓		2 wheel central unit with rotary connection for drag hose
✓		Possibility of rotating the central unit
✓	✓	Double connection - for the use of 2 drag hoses
✓		Central unit towable design – Also available with 2 adjustable wheels
✓	✓	Control unit LINESTAR Pro, LINESTAR PRO-G ou SmartTouch LINEAR
✓	✓	SMS control unit - option
✓	✓	Span 168LL lengths: 42.3m to 59.8m
	✓	Span 203LL lengths: 42.3m to 54.0m
✓		Span - in towable design - Also available with 4 adjustable wheels.
✓	✓	Span - High design
✓	✓	Max. recommended system length : 450m
	✓	Max. recommended system length: 760m with central supply
✓		System capacity up to 200m³/h
	✓	System capacity up to 1000m³/h
✓	✓	Furrow guidance
✓	✓	Cable guidance
✓	✓	Burried cable guidance
✓	✓	GPS-Guidance





SYSTEM 9000
MONOSTAR
ECONOMICAL AND FLEXIBLE

ADVANTAGES OF MONOSTAR

- + Ideal for intensive farming
- + Flexible irrigation system – rotatable, towable, mobile
- + Optimal adaptation to crop rotation
- + Energy-saving low pressure system
- + Low operating costs
- + Optimal rain quality thanks to spray nozzles
- + High level of irrigation efficiency (up to 93%) through ground-level distribution
- + No damage to plants – ruts follow plant alignment
- + Comfortable: can be controlled by mobile phone

Monostar: a comparison

System length	82.5 or 106m
Width of irrigated strip	101 to 160m
Irrigation capacity	to 120m ³ /h
Device connection pressure	3 bar with end gun
Feed tube	to 4"/200m
max. drive speed	165m/h



THE IDEAL SOLUTION FOR
CORROSIVE LIQUIDS

POLYSTAR
THE SMART SOLUTION FOR FOR AGGRESSIVE WATER

Corrosive liquids require optimal solutions. With its Polystar system, BAUER offers comprehensive corrosion protection for elements which transport water. This means that there are no limits to the use of waste water, separated liquid manure and aggressive water.

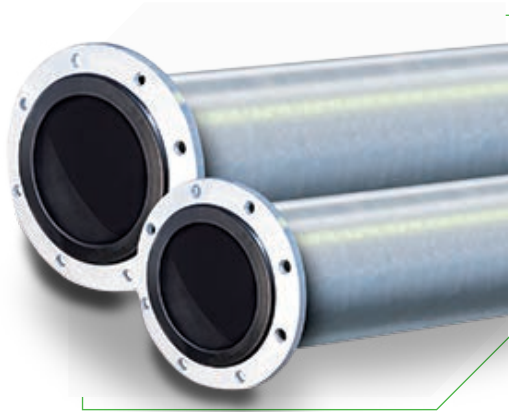
THE ADVANTAGES OF POLYSTAR

- + Comprehensive protection against corrosion
- + Longer product lifespan
- + Higher level of operating efficiency
- + Reliable irrigation
- + Optimal flow properties

Span pipes are produced in sizes 21 and 168 and 203mm inside with HD-PE 4.0/4.9mm. Sealing surfaces are produced using precision tools to guarantee a completely tight seal and time-saving assembly.



The economic solution for poor quality water. BAUER guarantees complete protection against corrosion and offers perfect comprehensive solutions, even in these difficult areas. Ready to use, including irrigation.



Water quality	POLYSTAR	Stainless steel	Galvanized steel
Soft: high proportion of carbonate bicarbonate, calcium and magnesium	★★★★★	★★	★
Saline: high levels of dissolved solids & high electrical conductivity	★★★★★	★★★	★
Saline or alkaline: pH lower than 6.2 or higher than 8.5	★★★★★	★★★	
High concentration of chlorides and/or sulphates	★★★★★	★★	



SPRINKLERS

HIGH LEVEL OF EFFICIENCY



Pivot sprinklers ensure uniform water distribution across the entire cultivated area maintain a consistent droplet size, minimizing water loss due to wind and heat, making irrigation more efficient.

FEATURES



UNIFORM WATER DISTRIBUTION

Efficient irrigation is one of the most important factors in agricultural production. The uniform application of water within the wetted circle, combined with proper overlap, ensures even water distribution across the entire cultivated area, providing better conditions for infiltration into the root zone.

Additionally, uniform distribution along the entire wetted diameter of the sprinkler keeps the instantaneous application rate low, reducing the chances of puddling and runoff.



DROPLET UNIFORMITY

For optimal irrigation system performance, two factors are crucial: reducing the kinetic energy of water impact on the soil and controlling water drift due to wind. A distribution with uniform droplet size significantly reduces the drift of small droplets carried by the wind.

Furthermore, controlled droplet size consistency and uniform distribution within the wetted area help minimize the impact energy on the soil, a characteristic of droplets. Larger droplets can cause soil sealing, reducing infiltration rates, larger increasing runoff risk, and preventing water from reaching the root zone, which is the primary goal of irrigation.



LOW PRESSURE SYSTEM;



HIGH COVERAGE OF AREA;



LOWER SENSITIVITY TO WIND.

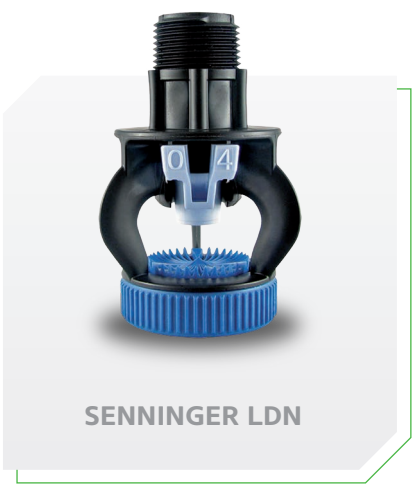


SPRAY NOZZLES

The perfect start in irrigation – economic & efficient



KOMET KPS



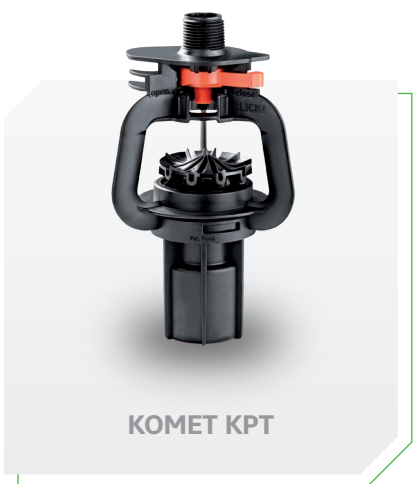
SENNINGER LDN



SENNINGER SUPER SPRAY

ROTATING OR WOBBLING NOZZLES

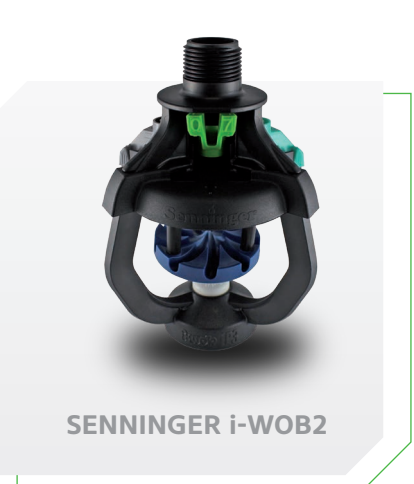
The most natural irrigation – perfect for professionals



KOMET KPT



NELSON ROTATOR R3030



SENNINGER i-WOB2

SPRINKLERS AT THE END OF SYSTEM

The perfect solution for expanding irrigation areas



KOMET TWIN MAX



NELSON R65



SENNINGER END SPRAY



WE GO BEYOND.

**BAUER***FOR A GREEN WORLD*

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