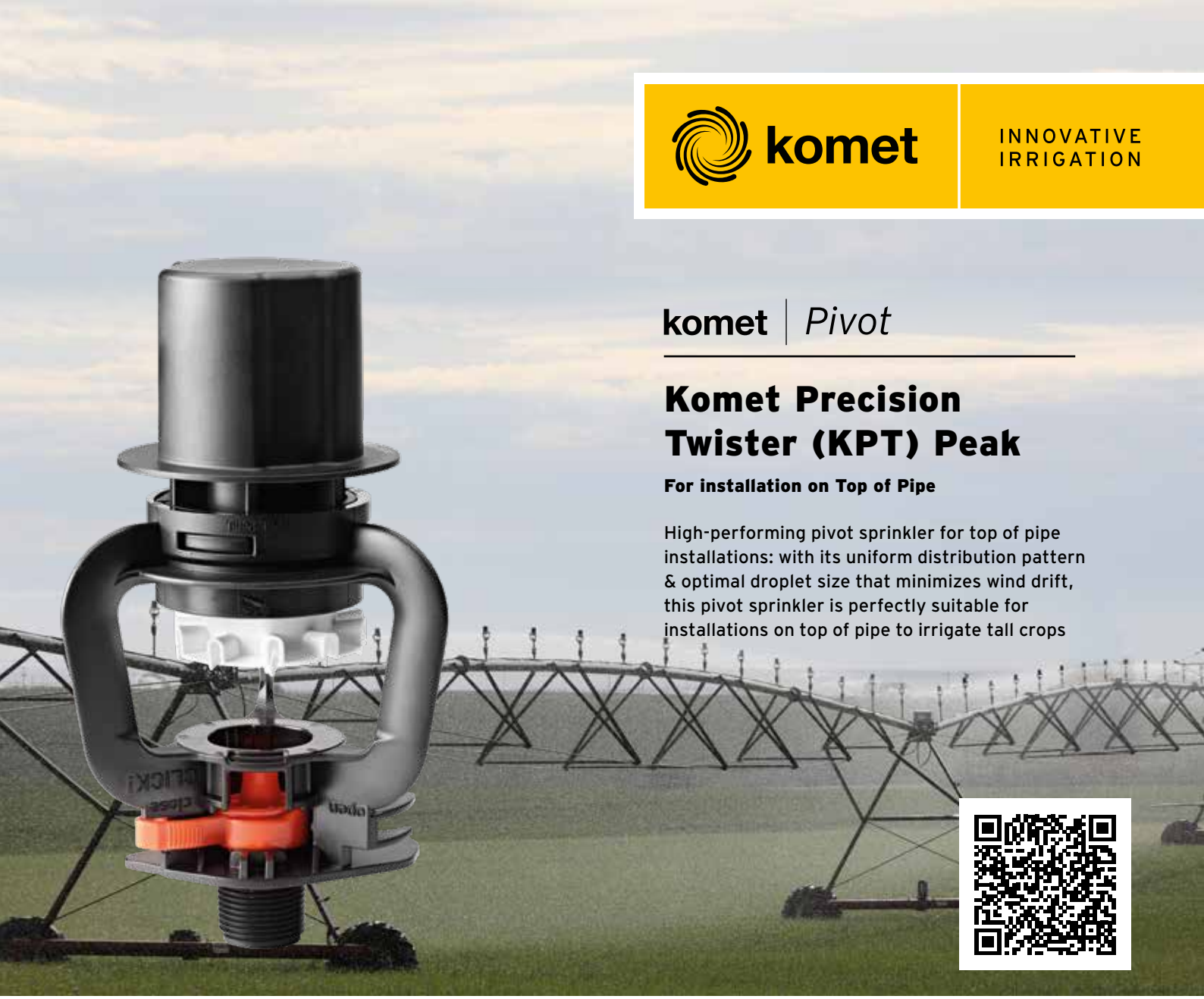

komet | *Pivot*

Komet Precision Twister (KPT) Peak

For installation on Top of Pipe

High-performing pivot sprinkler for top of pipe installations: with its uniform distribution pattern & optimal droplet size that minimizes wind drift, this pivot sprinkler is perfectly suitable for installations on top of pipe to irrigate tall crops

The Product

Optimal irrigation is achieved by distributing water evenly across the entire wetted area. Tall crops, such as corn or sugarcane, may require installations where the sprinkler is mounted on top of the pivot pipe. In this setup an ideal droplet size is especially important: droplets that are too small are prone to wind drift and evaporation; droplets that are too large can cause soil sealing and compaction.

The Komet Precision Twister (KPT) Peak is the result of a ten-year development process, involving extensive research into the core elements of high-efficiency irrigation. This pivot sprinkler is designed to meet all of the requirements identified in the field – including the ability to deliver high performance for top of pipe installations.

Thanks to its optimal droplet size, the KPT Peak is the supreme solution for installations on top of pipe, where the susceptibility to wind drift is amplified. The interplay between sophisticated design, precision manufacturing and the use of high-quality materials ensures an extensive product lifespan.

Features and Benefits:

- Excellent distribution pattern and optimized droplet size
- High energy efficiency
- Long lasting and durable design
- Suitable for nozzle sizes from 2 – 10,3 mm
- Pressure range 0,4 to 1,4 bar
- For installation on top of the pivot pipe

KPT Peak
White Deflector
Low Profile Trajectory

KPT Link
Required for installation

Available Models

Komet Precision Twister

KPT Peak

KPT Link

Performance Data Metric Units

komet | *Precision Twister (KPT) Peak* — LOW PROFILE TRAJECTORY

Deflector Specifications		Operating Parameters				Installation
Trajectory	Grooves	Nozzle range	Pressure range	Flow range	Spacing max.	Top of pipe
Low Profile Trajectory	10	2,0 - 10,3 mm	0,41 - 1,38 bar	100,7 - 4844,4 l/hr	6,1 m	KPT-Link connector required

Nozzle Size		Throw Diameter D (m)								Stream Height **S (m)**			
		Installation Height **H=2,2m**				Installation Height **H=4,0m**							
		Pressure (bar)				Pressure (bar)				Pressure (bar)			
mm	1/128"	**0,41**	**0,69**	**1,03**	**1,38**	**0,41**	**0,69**	**1,03**	**1,38**	**0,41**	**0,69**	**1,03**	**1,38**
2,0	**10**	9,8	11,7	13,5	15,0	12,0	13,9	15,7	17,2				
3,2	**16**	10,2	12,1	14,0	15,4	12,4	14,2	16,2	17,6				
4,6	**23**	10,7	12,5	14,4	15,9	12,9	14,8	16,6	18,1				
5,8	**29**	11,0	12,8	14,7	16,2	13,2	15,1	17,0	18,4				
6,7	**34**	11,2	13,1	15,0	16,4	13,4	15,3	17,2	18,7				
7,9	**40**	11,5	13,3	15,2	16,7	13,7	15,6	17,4	18,9				
8,9	**45**	11,6	13,5	15,4	16,8	13,8	15,7	17,6	19,1				
10,3	**52**	11,8	13,7	15,5	17,0	14,0	15,9	17,7	19,2				

LOW PROFILE

For optimal performance of the Komet Precision Twister (KPT) Peak when installed on top of pipes, it is recommended to use the maximum spacing up to the 2nd span only. Performance data regarding flow and throw in relation to installation height and deflector type shown in the table, originate from the mathematical model used in the Komet Pivot Calculator software. Performance data was obtained under ideal testing conditions and is the base for the mathematical model. Pressure refers to pressure at nozzle. Stream height is the height from the deflector to the highest droplets in the trajectory profile. Performance may be adversely affected by wind and other factors.

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komet

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