



INNOVATIVE
IRRIGATION

komet | *Twin*

Twin Max

For Pivots, Travelers and Solid Sets

High-performing big volume gun with long throw ranges and uniform distribution across the entire throw radius. Innovative design for maximum efficiency and long-term durability



The Product

High-volume irrigation is beneficial for crops with greater watering requirements, and in environments that benefit from an extended throw radius. Big volume guns are an ideal solution to increase the wetted diameter at the end of a mechanized irrigation system, on travellers or for solid set applications.

Komet's TwinMax line is based on years of field experience, and has been thoroughly tested in a variety of climates and conditions around the world. A sophisticated interplay of self-adjusting mechanisms enables uniform water distribution,

unprecedented throw ranges and high energy efficiency - regardless of pressure levels or external conditions.

The use of high-end materials, and a construction designed to minimize stress on the main components, ensure an especially long product lifespan.

The TwinMax models are suitable for pivot end-guns, travelers or solid set installations.

Features and Benefits:

- ▶ Long throw & uniform water distribution
- ▶ Unmatched performance at low pressure, starting at 2 bar
- ▶ High-quality materials incl. technical polymers, marine grade aluminum, chemically treated stainless steel
- ▶ Engineered to minimize wear on key components for an especially long product lifespan
- ▶ Extended nozzle range from 10 to 24 mm and nozzles available in small increments
- ▶ Various fixed trajectory angles available
- ▶ Pressure range from 2 to 6,5 bar

Available Models

Twin MAX

24°



Twin MAX

PIVOT 18°



Twin MAX

PIVOT 12°



Performance Data Metric Units

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High Performance Nozzles Trajectory angle **24°**

Pressure	Nozzle 10 mm - 0.39"		Nozzle 11 mm - 0.43"		Nozzle 12 mm - 0.47"		Nozzle 13 mm - 0.51"		Nozzle 14 mm - 0.55"		Nozzle 15 mm - 0.59"		Nozzle 16 mm - 0.63"		Nozzle 17 mm - 0.67"		Nozzle 18 mm - 0.71"		Nozzle 20 mm - 0.79"		Nozzle 22 mm - 0.87"		Nozzle 24 mm - 0.94"	
	Flow Radius		Flow Radius		Flow Radius		Flow Radius		Flow Radius		Flow Radius		Flow Radius		Flow Radius		Flow Radius		Flow Radius		Flow Radius		Flow Radius	
	bar	m ³ /h	m	m ³ /h	m	m ³ /h	m	m ³ /h	m	m ³ /h	m	m ³ /h	m	m ³ /h	m	m ³ /h	m	m ³ /h	m	m ³ /h	m	m ³ /h	m	m ³ /h
2,0	5,4	21,8	6,6	22,9	7,8	23,9	9,2	25,1	10,6	26,3	12,2	27,4	13,9	28,6	15,7	28,7	17,6	28,9	21,7	29,1	26,3	29,5	31,3	30,0
2,5	6,1	24,1	7,3	25,3	8,7	26,5	10,3	27,6	11,9	28,8	13,7	29,9	15,5	31,0	17,6	31,6	19,7	32,2	24,3	33,5	29,4	34,1	35,0	34,8
3,0	6,7	26,3	8,1	27,7	9,6	29,1	11,2	30,2	13,0	31,3	15,0	32,3	17,0	33,4	19,2	34,5	21,6	35,6	26,6	37,8	32,2	38,7	38,3	39,6
3,5	7,2	28,1	8,7	29,5	10,3	30,9	12,1	32,0	14,1	33,1	16,2	34,2	18,4	35,3	20,8	36,5	23,3	37,7	28,7	40,1	34,8	41,3	41,4	42,6
4,0	7,7	29,8	9,3	31,3	11,1	32,7	13,0	33,8	15,1	34,9	17,3	36,0	19,7	37,1	22,2	38,4	24,9	39,7	30,7	42,3	37,2	44,0	44,3	45,6
4,5	8,1	30,8	9,9	32,3	11,7	33,7	13,8	34,9	16,0	36,0	18,3	37,2	20,9	38,4	23,6	39,7	26,4	41,0	32,6	43,7	39,4	45,5	46,9	47,3
5,0	8,6	31,8	10,4	33,2	12,4	34,6	14,5	35,9	16,8	37,1	19,3	38,4	22,0	39,6	24,8	40,9	27,8	42,3	34,4	45,0	41,6	47,0	49,5	49,1
5,5	9,0	32,9	10,9	34,2	13,0	35,5	15,2	36,9	17,7	38,2	20,3	39,5	23,1	40,9	26,0	42,2	29,2	43,6	36,0	46,2	43,6	48,4	51,9	50,6
6,0	9,4	33,9	11,4	35,2	13,5	36,4	15,9	37,9	18,4	39,3	21,2	40,7	24,1	42,2	27,2	43,5	30,5	44,8	37,6	47,5	45,5	49,8	54,2	52,2
6,5	9,8	34,6	11,9	36,0	14,1	37,2	16,6	38,7	19,2	40,2	22,0	41,6	25,1	43,1	28,3	44,4	31,7	45,8	39,2	48,5	47,4	50,9	56,4	53,4

P.S. The performance data were obtained under ideal testing conditions and may be adversely affected by wind and other factors. Pressure refers to pressure at nozzle. A lowered trajectory angle improves the irrigation efficiency in windy conditions. For every 3° drop of the trajectory angle the throw is reduced by approx. 3 to 4%. To determine the throw data of above model used with an 18° trajectory angle and installed at the end of a pivot, apply a factor 0.82 to the throw data shown in the performance table.