



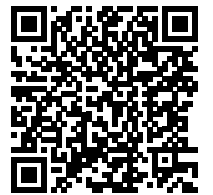
INNOVATIVE
IRRIGATION

komet | *Trigon*

Trigon 112

For Wastewater & Mining Applications

A heavy-duty, large-volume gun designed for the toughest industrial applications. An excellent throw, uniform coverage, and corrosion-resistant components. An unmatched solution for the distribution of aggressive liquids used in the leach mining industry.



The Product

When it comes to the distribution of liquids with very high or low pH values, the performance of a large volume gun is crucial.

The Trigon 112 offers a unique combination of hi-tech polymers and industrial-grade stainless steel components, assembled with corrosion-resistant gaskets and bolts. It is the only large volume gun on the market capable of handling the chemical solvents used in leach mining, such as sulphuric acid for copper and gold mining.

Sophisticated engineering ensures a uniform distribution pattern and consistent performance when reliability matters most.

As with all Komet large volume guns, the Trigon 112 undergoes meticulous quality control throughout the manufacturing process, including a fully pressurized water test of every single gun that leaves the factory floor.

Features and Benefits:

- ▶ Ultra-high resistance to aggressive liquids such as seawater, sulphuric acid and other chemical agents used in leach mining
- ▶ Suitable for pH values between 3 and 8
- ▶ Unique combination of materials such as technical polymers, high-grade stainless steel and corrosion-resistant assembly parts
- ▶ Outstanding throw and uniform water distribution
- ▶ Engineered to minimize wear on key components for an especially long product lifespan
- ▶ Variable trajectory angle from 10° to 26°
- ▶ Nozzle range from 0.47" to 0.94"
- ▶ 2"NPT threaded connection

Available Models

Trigon 112

Vari Angle 10° - 26°, 2"NPT threaded connection



Performance Data U.S. Units

komet | *Trigon 112* US UNITS High Performance Nozzles / Trajectory angle **24°**

PSI	Nozzle		Nozzle		Nozzle		Nozzle		Nozzle		Nozzle		Nozzle	
	0,47"		0,55"		0,63"		0,71"		0,79"		0,87"		0,94"	
	GPM	DIA.	GPM	DIA.	GPM	DIA.	GPM	DIA.	GPM	DIA.	GPM	DIA.	GPM	DIA.
30	35	154'	48	167'	62	175'	79	183'	97	193'	118	201'	140	206'
40	40	173'	55	187'	72	200'	91	211'	112	226'	136	235'	162	245'
50	45	189'	62	204'	80	219'	102	237'	125	253'	152	263'	181	277'
60	50	201'	67	217'	88	237'	111	253'	138	271'	167	283'	198	300'
70	54	211'	73	231'	95	253'	120	262'	149	282'	180	297'	214	314'
80	57	222'	78	243'	102	267'	129	278'	159	299'	192	310'	229	326'
90	61	231'	83	253'	108	278'	137	291'	169	316'	204	326'	243	342'

N.B. 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%.

RIH. 523 ED. Z24/05 - ...
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