

GTV MULTI ANODES PLASMA TORCH TECHNOLOGY

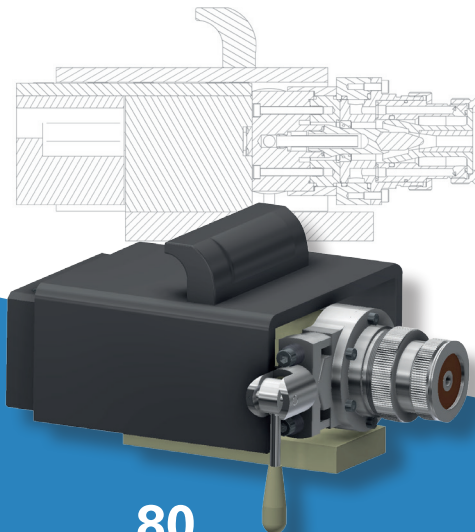


GTV MULTI ANODES PLASMA TORCH TECHNOLOGY

Type	Powder Flow Rate [g/min]	Power [kW]
PENTA	500	150
SIX-XT	300	100
DELTA*	300	75
F4/F6	80	55

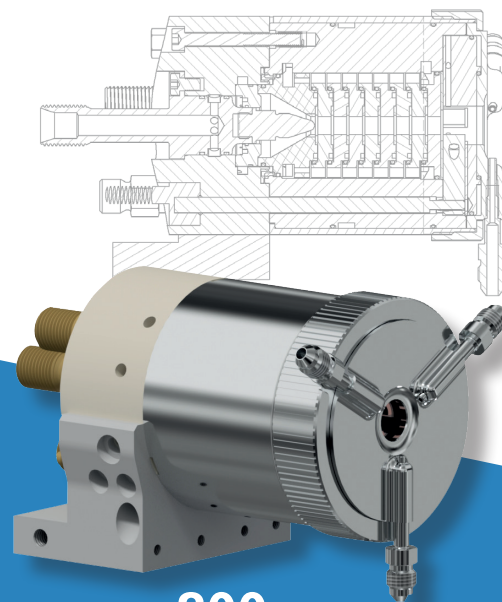
* Development in collaboration with Zierhut Messtechnik GmbH, Dr. Zierhut as well as Prof. Landes and Dr. Dzulko

F4 / F6



80
g/min

DELTA



300
g/min

- High deposition efficiency by means of radial, multiple powder injection
- Stable process by means of cascaded multiple anodes technology
- High life time by means of low specific load of anodes and cathodes
- Shortened process time by means of high power intensity and easy component assembly

DEPOSITION EFFICIENCY



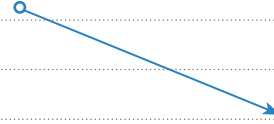
F4/F6 Delta Penta SIX-XT

LIFE TIME



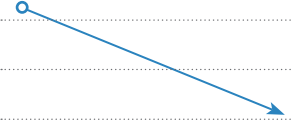
F4/F6 Delta Penta SIX-XT

OPERATING COSTS



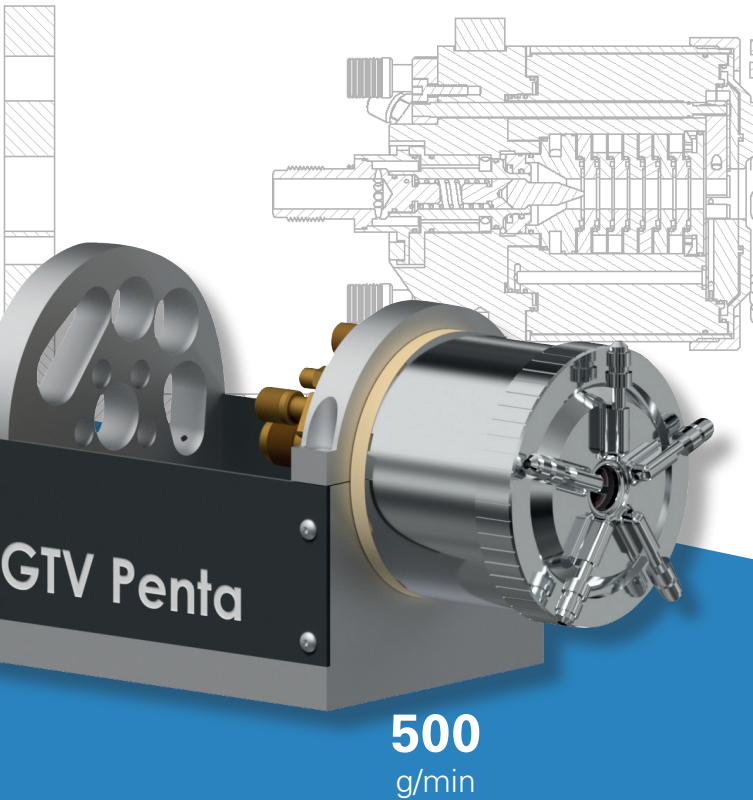
F4/F6 Delta Penta SIX-XT

PROCESS TIME

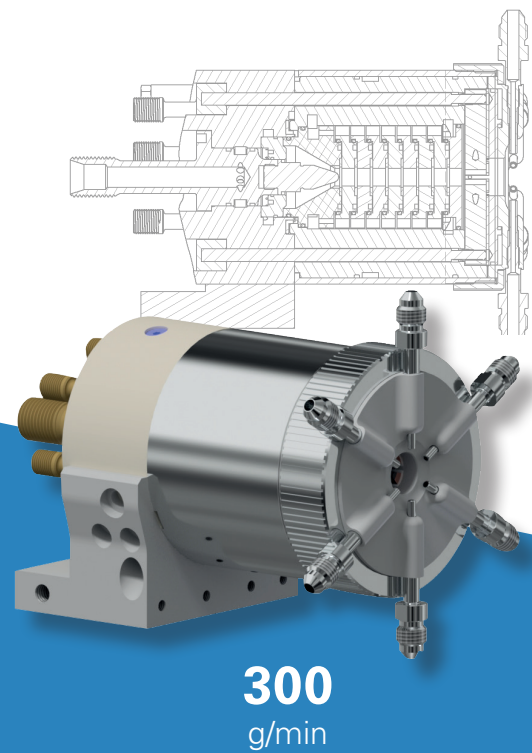


F4/F6 Delta Penta SIX-XT

PENTA



SIX-XT





Ever since the company was established in 1982, the name GTV has stood for top quality and a high level of delivery reliability for all types of thermal spray products.

GTV provides its customers with many years of experience in all aspects of the high-technology field of thermal spray technology, enabling them to make use of the effective and efficient GTV system solutions in order to gain a substantial competitive advantage in the market.



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