

Coating Line

ISOTEC PTGV71BA



stock-no.:	1300491
type of machine:	Coating Line
make:	ISOTEC
type:	PTGV71BA
year of manufacture:	2002
type of control:	CNC
country of origin:	Austria
storage location:	Leipzig 1
delivery time:	immediately
freight basis:	EXW, free on truck unpacked
price:	on request



technical details

x-travel:	mm
y-travel:	mm
Plasma power source Nertajet 320-640 - cutting capacity:	mm
control:	Soft - PLC
burner heads:	1 Stück
Distance between centres:	ca. 4000 mm
Rotary-table:	Ø 890 mm
Rotary-table:	drehbar 360° mm
Rotary-table:	schwenkbar: 130° mm
electrics - voltage/frequency:	3x400 V / 50 Hz V/Hz
total power requirement:	ca. 22 kVA
weight of the machine ca.:	5,0 t
dimensions L x W x H:	5,7 x 2,4 x 2,8 m
dimensions electric cabinet:	1600 x 640 x 1500 mm

additional information

Plasma coating system Plasmabeschichtungsanlage mit 8-Achsen

Performance: Coating of sealing plates, seat rings, cones, tapered spindles and other wear parts.

Powder dosing system:

- control process control system / adjustment of the powder quantity
- Powder quantity approx. 10kg, powder grain size 25µ - 500µ
- Quantity regulation of the powder dosage

Current source:

- control MOSFET; rangePilot max. 200A and Transfer 300A
- digital display
- air cooled
- control 0-10V / 0-20mA

Plasma torch:

- water cooled
- continuous power P max. pilot 100A and transfer 300A

High frequency ignition unit:

Coating Line

ISOTEC PTGV71BA



-HF generator for arc ignition

Gas control system:

-process controlled for fully automatic flow.

-plasma gas system flow unit electrically controllable

-gas = Argon 99.99 pure gas

-flow rate plasma gas system 0,05 - 5 l/min.; powder gas system 0,50 - 20 l/min.; protective gas system 1,50 - 30 l/min.

Support stand with moving tip

Water cooling unit

Control panel

Housing