

Welding Robot

REIS ROBOTICS RVI 206



stock-no.:	1300499
type of machine:	Welding Robot
make:	REIS ROBOTICS
type:	RVI 206
year of manufacture:	2006
type of control:	other
country of origin:	Germany
storage location:	Leipzig 1
delivery time:	on request
freight basis:	EXW, free on truck unpacked
price:	on request



technical details

current capacity:	kVA
number of controlled axis:	
workpiece weight:	1,1 t
control:	RobAssist über makro-Technik / VME-Bus-CPU
Rotary-table:	Ø 800 mm
operating time:	h
rotary table tilttable:	370° Grad
table - tilttable:	115° Grad
total power requirement:	35 kVA
Total weight, approx.:	4000 kg
dimensions L x W x H:	Roboter: ca. 2,5 x 4,5 x 3,8 m
dimensions electric cabinet:	ca. 600 x 800 x 2200 mm
dimensions L x W x H:	Absaufanlage: ca. 0,7 x 0,8 x 2,7 m
dimensions L x W x H:	Drehmodul: ca. 1,4 x 1,4 x 1,1 m

additional information

The system is currently in the technical department.

Welding robot system consists of:

-Gantry with robot:

Reis Robotics, RVL20-16.3 kVA, stroke radius max. approx. 1600 mm, speeds = axis 1: 3 m/sec, axis 2: 185°/sec. Axis 3: 150° / sec., axis 4: 450° / sec., axis 5: 450° / sec., axis 6: 500° / sec,

-2x columns:

Column spacing 3300 mm, columns on base plate 900x900mm; columns Ø 350 mm

-Turntable/tilt and turn module:

Model RIS, type RDK11

Torque max. tilting axis = 4,200 Nm and turning axis 2,200 Nm

Speed of tilting axis = 19° / sec. and turning axis 45° / sec.

-Welding unit:

Fronius, type TPS 2700; welding current range: MIG/MAG 3-270 A and electrode 10-270 A as well as TIG = 3-270 A; protection class IP 23

-Welding fume extraction:

Teka, type DUST Buster DB-302 R, air volume flow max. 300m³/h, filter class Kategori C, filter area 2.2 m²

-Cooling unit:

Type FK 4000 R, power 2 kW, protection class IP 23, pressure 4 bar

Equipment:

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-safety light barrier with transmitter and receiver
Hand-held programming device