

Welding Robot

Reis Robotics SPL 80



Niestety maszyna została sprzedana!

Numer magazynowy:	1300438
Rodzaj maszyny:	Welding Robot
Producent:	Reis Robotics
Typ:	SPL 80
Rok produkcji:	2000
Rodzaj sterowania:	conventional
Kraj pochodzenia:	Germany
Lokalizacja:	Leipzig 5
Czas dostawy:	2 - 3 days
Opcja dostawy:	EXW, free on truck unpacked
Cena:	na zapytanie



Dane techniczne

Natężenie prądu:	5 kVA
number of controlled axis:	6
Waga detalu:	0,1 - 0,5 t
Przejazd w osi x:	3500 mm
Przejazd w osi y:	1550 mm
Przejazd w osi z:	1300 mm
Sterowanie:	CNC Robot star V
Całkowite zapotrzebowanie mocy:	ca. 16 kW
zapotrzebowanie powierzchni:	6,6 x 2,5 x 5,0 m

Dodatkowe informacje

Welding robot system consists of:

1. Robot arm Rotomat 350 (control Rotrol II)
2. Linear processing unit
3. Welding current source Carl Cloos
4. Rotary tilt positioner with counter bearing
5. Workpiece positioner with counter bearing
6. Mechanical Burner Equipment Type: CMR-5L
7. Compressed air booster type CHDPR 15/4

Additional information:

1. Industrial Robot Carl Cloos:
make 102190043, type Romat 350, YOM 2009
welding gun position 45 degrees: working range 1700 mm radius
welding gun position 90 degrees: operating range 2200 mm radius
number and function of the axis:
3 degrees of freedom for positioning - axis 1-3
3 degree of freedom for angular orientation - axis 4-6

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1 linear axis - external axis 7 (linear travel unit)

axis are designed in a rotary manner - principle of the articulated joints

external Axis:

up to max. 18 freely programmable axis

travel speeds axis 151 ° / s to 410 ° / s (axis 1 -6)

dimension robot L:2100 x W:1100 x H:2800mm, control unit: L:900 x W:700 x H:2000mm, weight total : approx. 600kg

2. Linear motion unit Cloos

type / factory. No LVeB - 10 000N

dimensions / LxWx H 14220x1100x200mm

travel robot: 12600mm

3. Welding current source Cloos

welding method MIG / MAG - pulse arc

4. Tilt and turn positioner Cloos

type / Manufacture WPK-DP / KP - 10,000 N

load capacity: 15kN

dimensions LxWxH: 5900x1505x1600mm

face plate diameter: 1060mm

clamping length Workpiece: 2900mm with end position 3500mm

swing diameter of the workpiece 1500mm

swivel range approx. 120 °

tipping moment -max. 4200 N at a center distance of 1.0 m in front of the face plate

without application counter holder: 15000 N at center of gravity 0.3m before face plate

load radial 1600NM - insert without counter holder

counter holder dia = 800mm, adjustable on machine bed

load capacity with counter holder approx. 2 - 3t

weight with counter holder 4700kg

5. Workpiece positioner Cloos

Type, factory WPV-DSP-10000N-AC

face plate diameter 800mm, clamping intake length of work piece 2940mm with end position 3150mm, swing diameter of work piece 1500mm

Loadable 10kN

tipping moment -max. 4000 N at a center distance of 1.0 m in front of the face plate

tipping moment without application counter bearing: 10000 N at center of gravity 0.4m before face plate

capacity radial 1600 NM - with application without counter holder Ø 800mm (adjustable on machine bed) , load capacity approx. 2 - 3t

The plant has been maintained in regular maintenance intervals through manufacturer Company Carl Cloos. Last service 12/2015 (operational hours=28400h) , the robot has been changed 2009.

The manufacturing with this plant was until July 2016.