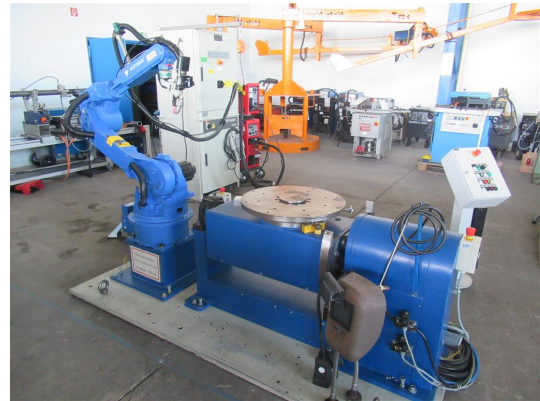


# Welding Robot

## Motomann robotec DK1000



stock-no.:	1300489
type of machine:	Welding Robot
make:	Motomann robotec
type:	DK1000
year of manufacture:	ca. 2007
type of control:	conventional
country of origin:	Sweden
storage location:	Leipzig 1
delivery time:	immediately
freight basis:	EXW, free on truck unpacked
price:	on request



### technical details

current capacity:	kVA
number of controlled axis:	6
workpiece weight:	20 t
operating time:	4290 h
control:	YASKAWA
total power requirement:	35 kVA
Total weight, approx.:	2000 kg
dimensions L x W x H:	Roboterschweißanlage: 2,7 x 1,1 x 2,0 m
dimensions electric cabinet:	L:700 x B:800 x H:2000 mm

### additional information

#### Robot specifications:

- 6 different directions of movement
- payload max. 20kg
- working curves: turning curve=1717mm, turning height=1417mm; turning width=2072mm
- rotation axis arm: S-axis rotate= $\pm 180^\circ$ , L-axis lower arm= $\pm 1550^\circ / -110^\circ$ ; U-axis upper arm= $\pm 255^\circ / -165^\circ$
- rotational axes wrist: R-axis roll= $\pm 200^\circ$ , B-axis pitch-swivel= $\pm 230^\circ / -50^\circ$ , T-axis rotate= $\pm 360^\circ$
- rotational axis speed: S-axis and L-axis = 170°/s; U-axis 175°/s; R-axis and B-axis 355°/s; T-axis 525°/s
- permissible torques: R-axis and B-axis=39.2 Nm; T-axis 19.6 Nm

#### Welding equipment specifications:

- Fronius, TIG welding, (DC and AC), 3 A/10.1 V - 300 A/22.0 V, water cooling, IP23 protection class.

#### Table top unit specifications:

- Table support  $\varnothing$  600mm, rotate 360°, swivel 90° each right/left.

#### Details of the wire feeder:

- Fronius, type KD 7000, feed 0,2 - 22m/min., protection IP23, voltage U1 230V

#### Manual control unit

Control cabinet

i.D.