

## Strong • fast • flexible • precise

### Unique 6-axis robot arm with

- 1000 kg payload
- Full speed also with maximum payload
- Full payload combined with flexibility of a 6-axis articulated robot
- Reach over 4.1 meter horizontal and 6 meter vertical
- variants for different requirements (extended reach, foundry)

### Optimal solution for numerous branches of industry

- Glass
- Foundry
- Building Materials
- Wood
- Metal
- Automotive

### Data KR 1000 titan

- Payload: 1,000 kg
- Repeatability:  $\pm 0.2$  mm
- Axis velocity:  $58^\circ/\text{s} - 84^\circ/\text{s}$
- Weight: 4,700 kg

## 強力 • 迅速 • 自在性 • 正確性

### 以下の機能を備えた、独自の6軸ロボットアーム

- 最大可搬重量 1000 kg
- 最大可搬重量でのフルスピードオペレーションが可能
- 最大可搬時においても6軸多関節ロボットのフレキシビリティを備える
- 水平方向4.1m、垂直方向6mに及ぶリーチ
- 異なる様々な要求に対応（リーチ延長、鋳造用）

### 以下の様々な産業に最適なソリューション

- ガラス
- 鋳造材
- 建設資材
- 木材
- 金属
- 自動車

### データ KR 1000 titan

- 可搬重量: 1,000 kg
- 繰返精度:  $\pm 0.2$  mm
- 軸速度:  $58^\circ/\text{s} - 84^\circ/\text{s}$
- 重量: 4,700 kg

## KR 1000 titan

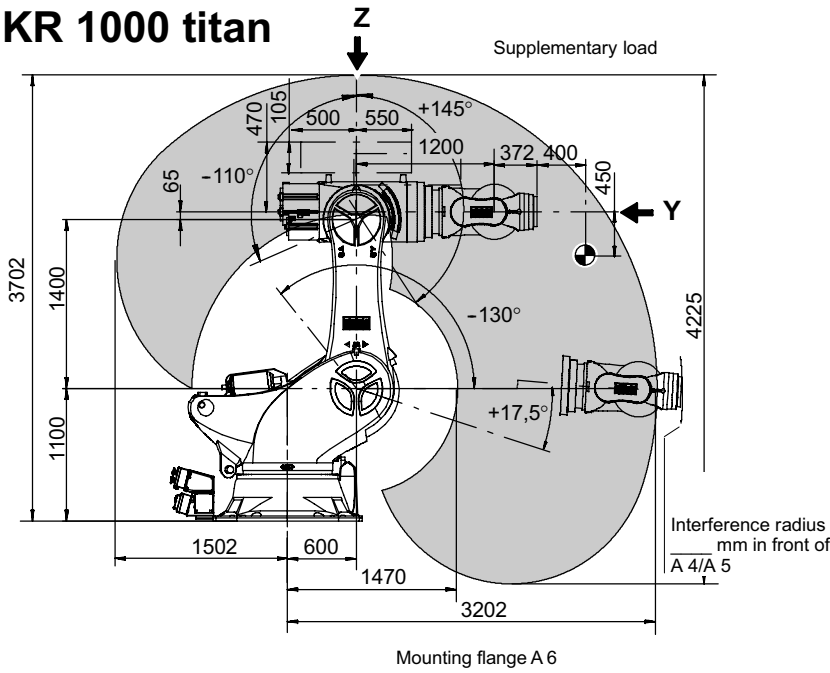
*World's most powerful Robot*

世界最強のロボット

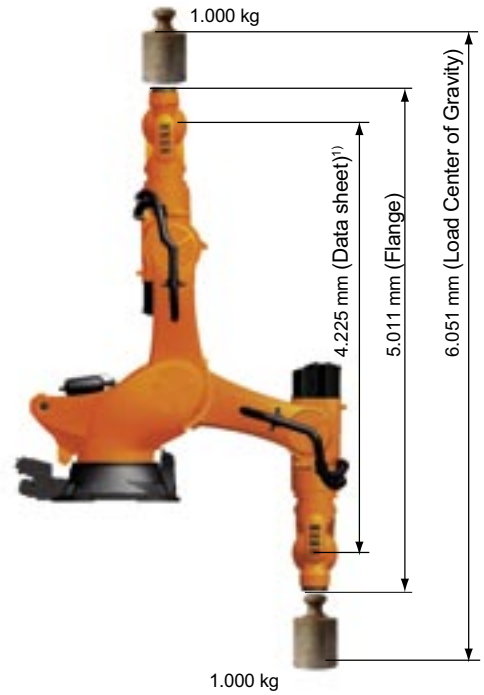
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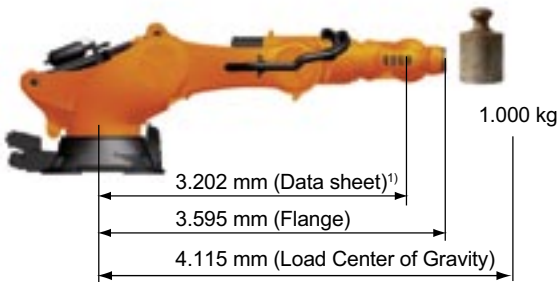
# KR 1000 titan



KR 1000 titan work envelope:



KR 1000 titan work envelope:



→ This robot can lift 1000 kg at 6,051 meters!!!

→ This robot can handle 1000 kg at 4,115 meters overhang!!!

Type:	KR 1000 titan	
Payload:	1000 kg	
Suppl. load on arm:	50 kg	
Total distributed load:	1050 kg	
Number of axes:	6	
Wrist variant:	In-line wrist 1000 kg	
Mounting flange A6:	similar to DIN ISO 9409-1-A00	
Mounting position:	Floor	
Repeatability (ISO9283):	± 0,2 mm	
Controller:	KR C2	
Weight (excl. controller) approx.:	4700 kg	
Work envelope:	77,7 m <sup>3</sup>	
Axis data	Range (software)	Speed
Axis 1 (A1)	±150°	58°/s
Axis 2 (A2)	+17,5° / -130°	50°/s
Axis 3 (A3)	+145° / -110°	50°/s
Axis 4 (A4)	±350°	60°/s
Axis 5 (A5)	±118°	60°/s
Axis 6 (A6)	±350°	84°/s

1) Referred to intersection of axes 4 and 5.  
 • Drive system electromechanical, with brushless AC servomotors.  
 • Position sensing system digital-absolute.

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