



KUKA Control Panel (KCP)

- Comutator pentru alegerea modului de funcționare
- Comutator pentru pornirea/oprirea acționării
- Întrerupător de avarie NOT/AUS, Emergency STOP



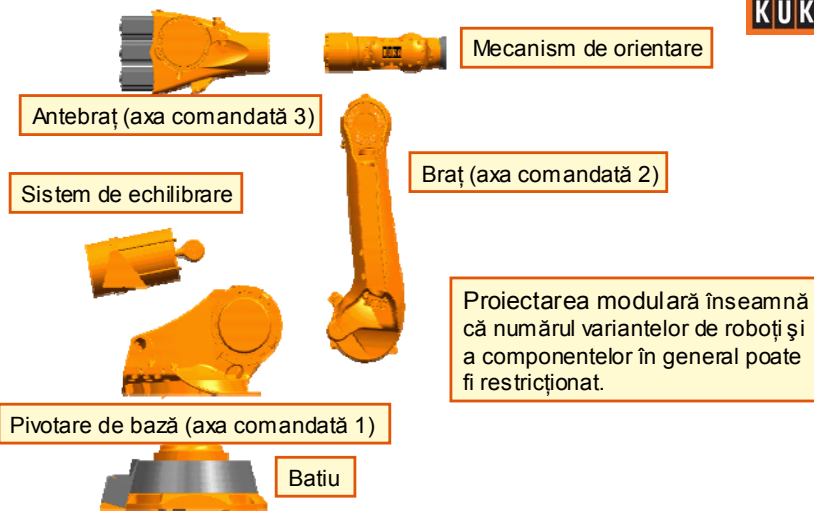
- Ecran pentru afișare grafică în culori
- Chei soft la periferia ecranului
- Chei hard pentru controlul programului și a afișării

mouse 6D

Bloc de cifre, bloc tastatură, bloc pentru cursor și Tasta Enter

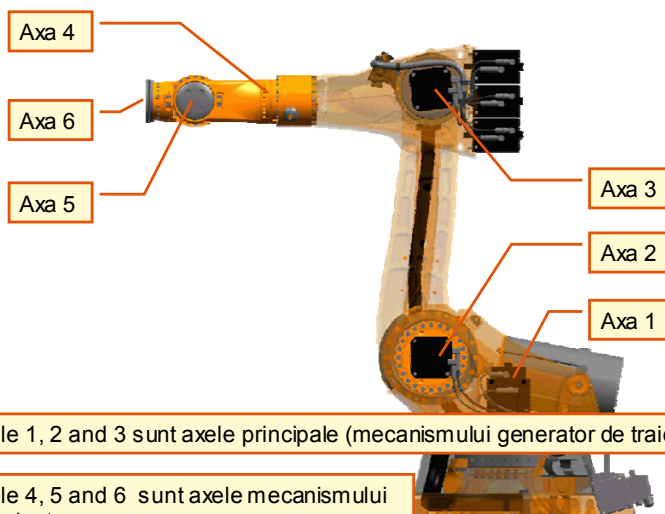
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Structura mecanică a robotului KUKA



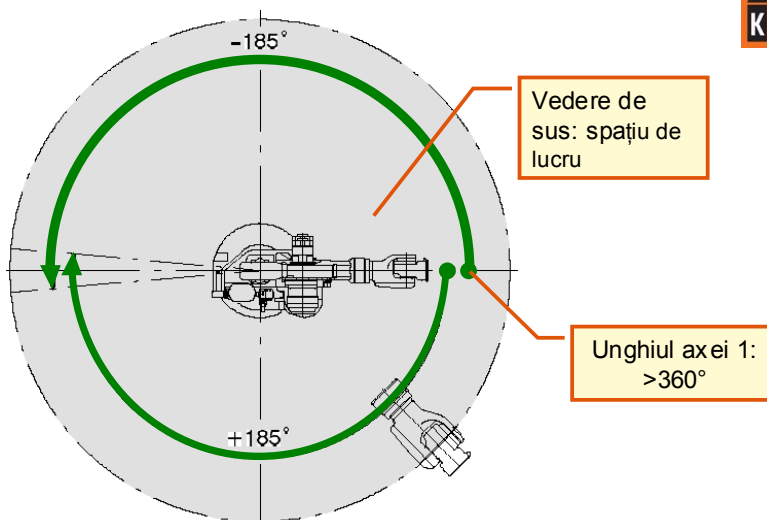
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Numerorarea axelor la robotul KUKA



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Spațiul de lucru al robotului KUKA robot (vedere de sus)



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Extensia spațiului de lucru



KR 180



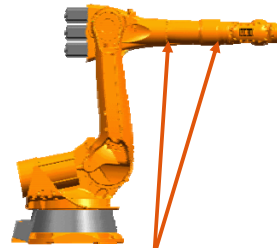
Standard

KR 180 L150



Extensia brațului, 200 mm

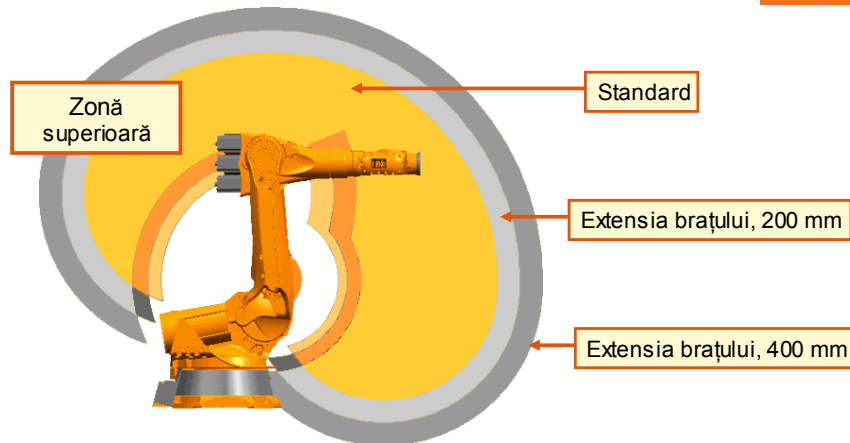
KR 180 L130



Extensia brațului, 400 mm

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Extensia spațiului de lucru



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1.2 Prezentare generală a sistemului

Datele tehnice ale controlerului KR C2



- Alimentarea cu energie electrică:
 - 3x400 V~ (-10%)
până la
3x415 V~ (+10%)
 - Clasificarea protecției: IP 54
 - Temperatura mediului ambiant:
 - fără răcire: +5°C până la 45°C
 - cu răcire: +20°C până la 55°C
- Tehnologie PC
- Microprocesor: Celeron 733 MHz
 - Memorie de lucru: min 256 MB

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Controlerul KR C2 pentru maximum 8 axe comandate



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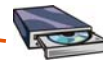
Carcasa PC -KR C2



Unitate pentru dischete



Unitate CD-ROM



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Vedere de sus a cuplelor PC- KR C2

Conectare în
rețea Feldbus

Monitor
extern

Panou de
comandă KCP

LPT1

Ethernet

COM2*

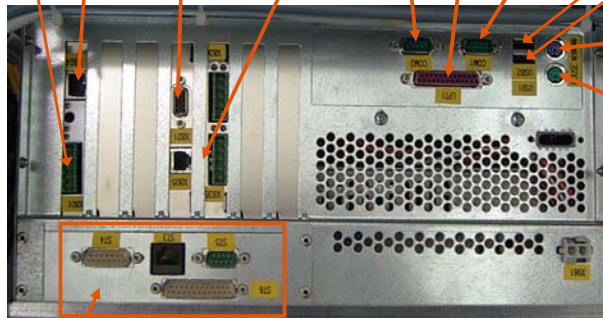
COM1*

USB1*

USB2*

Tastatură PS2

Mouse PS2

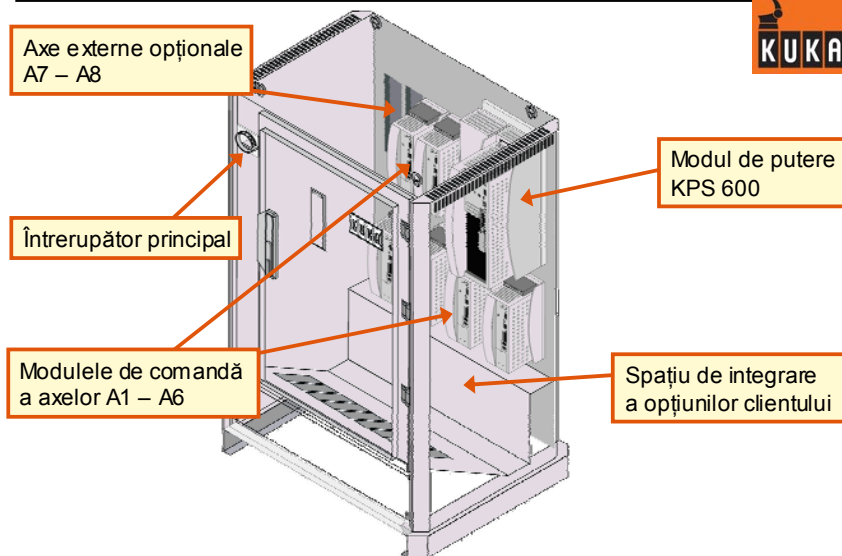


Cuple specifice KUKA

*dezactivate de
către KUKA

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Layout al cutiei controlerului



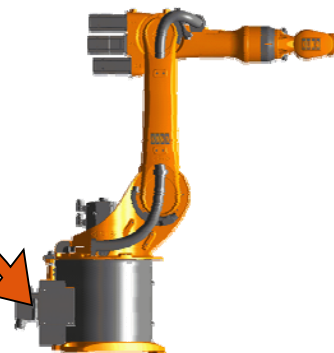
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Numărul de serie al robotului

KUKA Roboter GmbH Augsburg / Germany			
Typ	Type	Type:	KR16
Werk-Nr.	Seriel-No.	No. Série	858057
Baujahr	Date	Année de. Fab.	2003
Zeich.Nr.	Draw No.	Plan No.	394.029
Gewicht	Weight	Poids	235 kg

D/GB/F

Număr de serie



KUKARoboter GmbH, Hery Park 3000, D-86368 Gersthofen, Tel.: +49 (0) 8 21 45 33-1906, Fax: +49 (0) 8 21 45 33-2340, <http://www.kuka-roboter.de>
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Sistemul robot



Număr de serie al cutiei controlerului

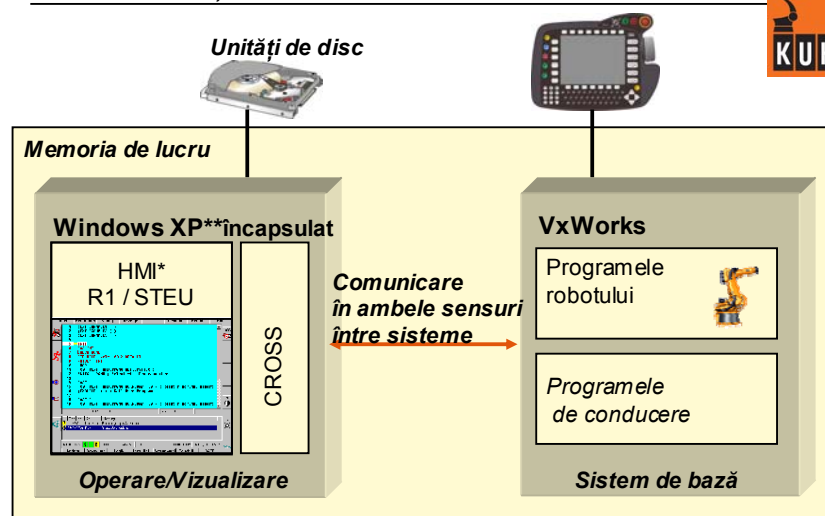


KUKA Roboter GmbH Augsburg/Germany			
Typ	Type	Type	KA C2
Werk-Nr.	Serial No.	No. de serie	00008
Artikel-Nr.	Artikel-No.	No. d'article	00106204
Baujahr	Date	Année de fabric.	2000
Plan-Nr.	Plan-No.	No. de dessin	abode
Anschlusssg.	Supply Volt.	Tension	3x400V
Netzfrequenz	Frequency	Fréquence	50/60Hz
Nennstrom	Rated Current	Courant nominal	6A
Netzschützung	Main fuse	Fusible secteur	16A
Gewicht	Weight	Poids	

Număr de serie

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Principiul concepției soft-ului



* Human Machine Interface (**Interfață mașină utilizator**)

**cu Software 4.x WIN 95

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Grupele de utilizatori

- proiectarea a conducerii robotului (axele suplimentare, pachetul tehnologic)
- proiectarea sistemului robotului (Feldbus, sisteme de vedere artificială, etc.)
- comenzi tehnologice proprii prin UserTECH

Administrator

- dezvoltarea programării în limbajul KRL
- programe de lucru complexe (subprograme, programarea întreruperilor, programarea repetitivă, programarea de ramificare condiționată a programelor)
- programarea numerică a mișcării

Expert

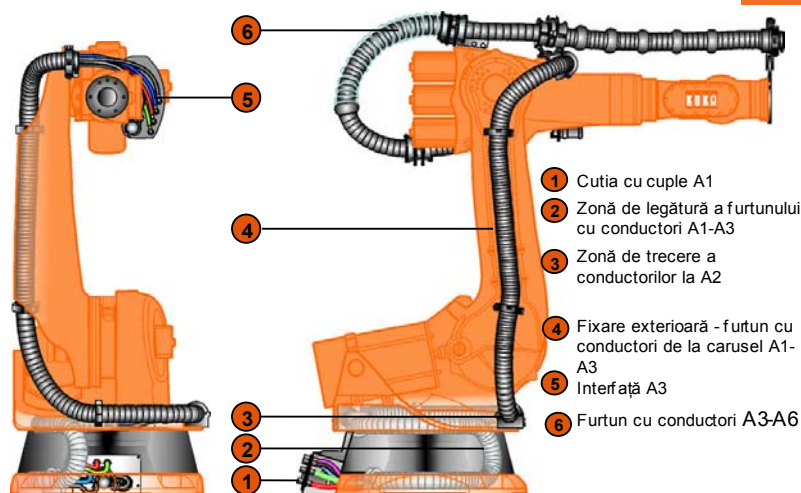
- sarcini legate de instalare (calibrare, măsurarea sculei)
- programe de lucru simple (programare cu asistență a soft-ului, comenzi de mișcare, comenzi legate de tehnologie, verificarea limitei valorilor din program, verificarea corectitudinii sintaxei)

Utilizator

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1.3 Alimentarea cu energie

Alimentări cu energie KUKA- Seria 2000



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