

KUKA

KR 120 R2700

Stock no. :1022-E06047

MACHINE-DATA

Machinetype : Robot - Handling
Make : KUKA
Type : KR 120 R2700
Year : 2019
Control type : CNC
Control :
Storage location : Deutschland
Origin : Germany
Delivery time : to be discussed
Quotation : ex foundation
Price : on request



TECHNICAL DATA

number of controlled axis	-
workpiece weight	- kg
throat	- mm

TECHNICAL DESCRIPTION

Mobile robot cell with base frame and aluminum acrylic glass protective cabin

- Solid aluminum clamping table for horizontal and vertical clamping
- High-precision KUKA robot KR 120 R2700 extra HA with robot manual control panel
- Spindle for milling
- Control cabinet for KUKA robots
- Control cabinet for milling spindle

Robot INTERFACE

INTERFACE Parallel Safety X11/X13

INTERFACE implementation X51

INTERFACE Ethernet 1xRJ45 X66

INTERFACE reference switch X42



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DIGITAL I/O 16/16/4
MCC-30.1S
KR C4 Docs & Parts Standard
KSS 8.3
KUKA.ProfiNet Controller/Device 3.2
KUKA.SafeOperation 3.2
KUKA.PLC ProConOS4-1.1 ltd
KUKA.CNC 2.1
KUKA.DiagnosticSafety 2.1
KUKA.WorkVisual
KUKA smartPAD 10 m
KUKA smartPAD holder
Cable set 7m CON X20
Reference switch assembly 15m straight

Robot simulation software OCTOPUZ

including the following features:

- Create your own robot cells
- CAD import of all common systems
- Free library of almost all robots and tools on the market
- Import CAM paths from Mastercam/Tool Applications/Settings
- Interference monitoring/display (singularity, axis limitation, range, collision)
- Simulation of several robots
- Connect & control digital I/O
- Connect & control external axes (linear & rotary)
- Unlimited number of axes (limited only by computer hardware)
- Runtime calculation based on OCTOPUZ
- Export as 3D PDF

Postprocessor The following work can also be done with this expansion stage to be done:

- welding
- milling
- Pick and place
- Cutting out
- Trimming
- Ribbons
- polishing
- Laser cutting, water jet cutting
- and much more...



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OCTOPUZ SolidCAM interface for transferring all relevant data in Octopuz

*control cabinet and control
OPERATOR F5 ETHERCAT
DIAGNOSTICS + DISPLAY
KEB COMBIVERT F5-H
29KVA IN=42, OA PM=18.5KW
AC/DC 3PH 400V KTY GTR7
EA FILTER housing G 500V/33A
EN55011-B du/dt 500V/μs
Fmax=1600Hz at FSmax=16kHz Tmax=45°C
Motor cable: 1 x 50m, leakage current: 25mA
BR RESISTANCE 30 OHM 1.2KW
400V / ED = 6% / PP =19KW
Connection with clamp with temperature contact
Triple module ABM: 90x96x470mm
COMBICONTROL C6 HMI LC 7"W
HMI CPU type 1/1 GB RAM, integrated micro UPS
7" touch / aluminum front
Windows Embedded Compact 7
+ PLC runtime (basic)
+ COMBIVIS studio HMI runtime (Basic)
+ COMBIVIS connect runtime (Pro)
KEB-IO ETHERCAT
DI16 (1ms) / DO 16 (500mA)
KEB-IO ETHERCAT
SOCKET RAIL 36-pin
KEB-IO ETHERCAT
BUS COUPLER
KEB COMBIVIS studio 6 IDE
1 license for PC
USB memory with installation files, activation of the license after
Installation specifying the MAC address
Minimum system requirements:
- 1GB RAM (2GB recommended)
- 1 GHz Pentium or similar
- 1 GB free hard disk space
- Screen resolution 1024 x 768
- Operating system: Windows XP, Windows Vista, Windows 7 (each 32/64 bit)
KEB COMBIVIS studio HMI IDE*



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ADAPTER DSUB9

RJ45, 40cm

USB SERIAL CONVERTER

The robot machining center has never been used in machining.

Will be sold with one year warranty.

The price includes the software and the milling spindle.

The robot can be offered without the software and the milling spindle.

Than we can reduce the price 25.000,- Euro.

VIDEO-LINKS

WEB-LINK

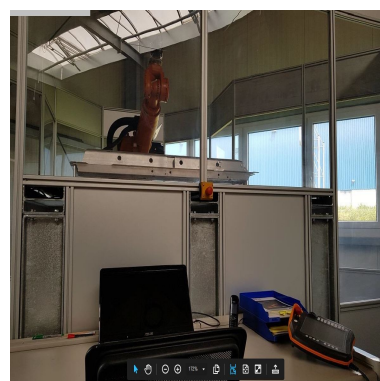
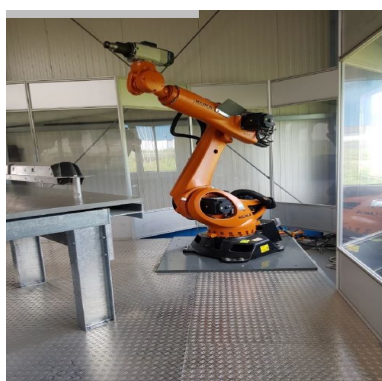
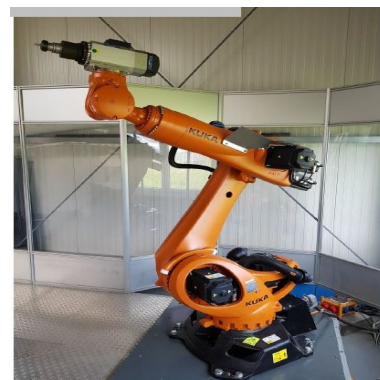
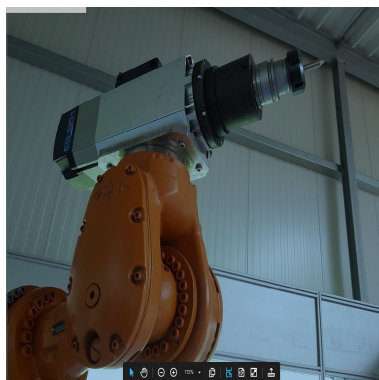
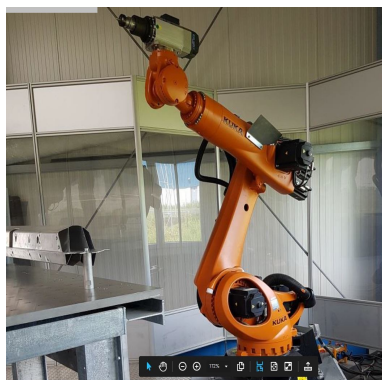
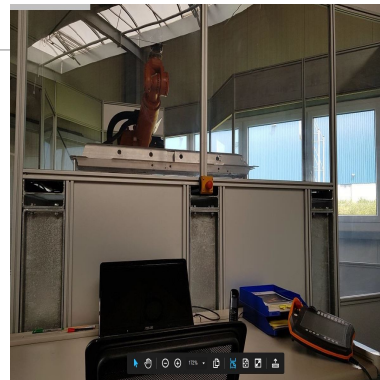
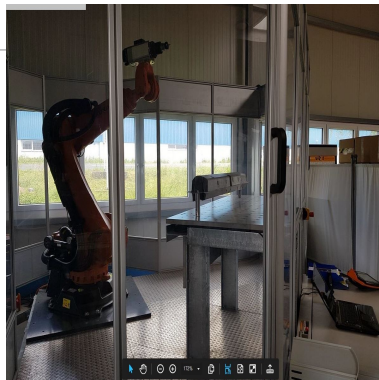
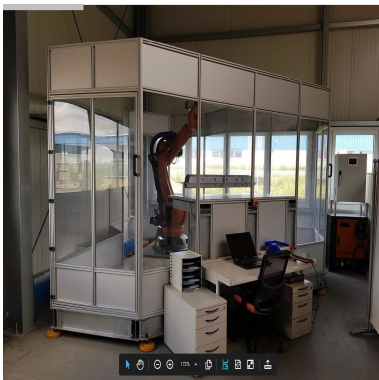
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Technical details and information subject to amendments and errors.

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