

Lightweight Robot BioRob

Safe und easy to use



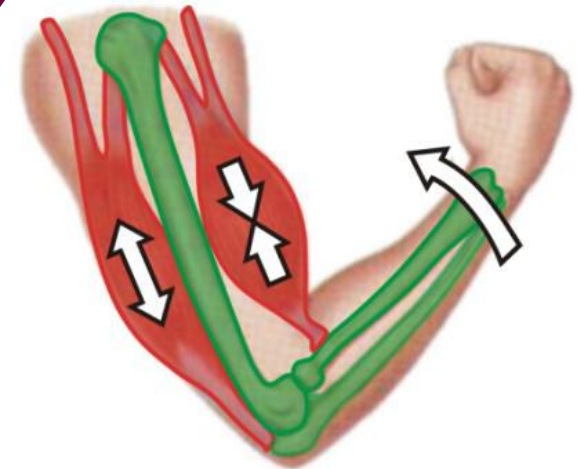
Bionic inspired technology

Industrial Robot

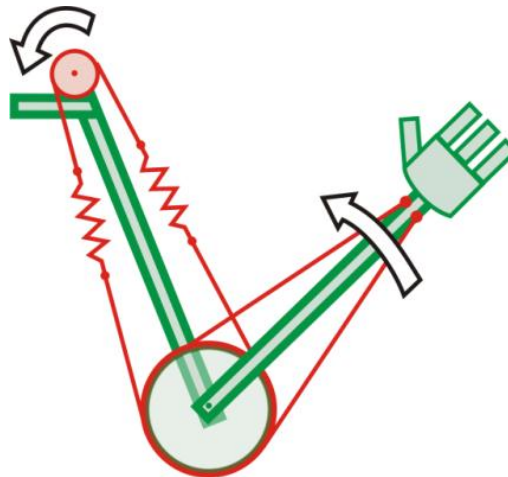


Abb.: KUKA

Biological Manipulator



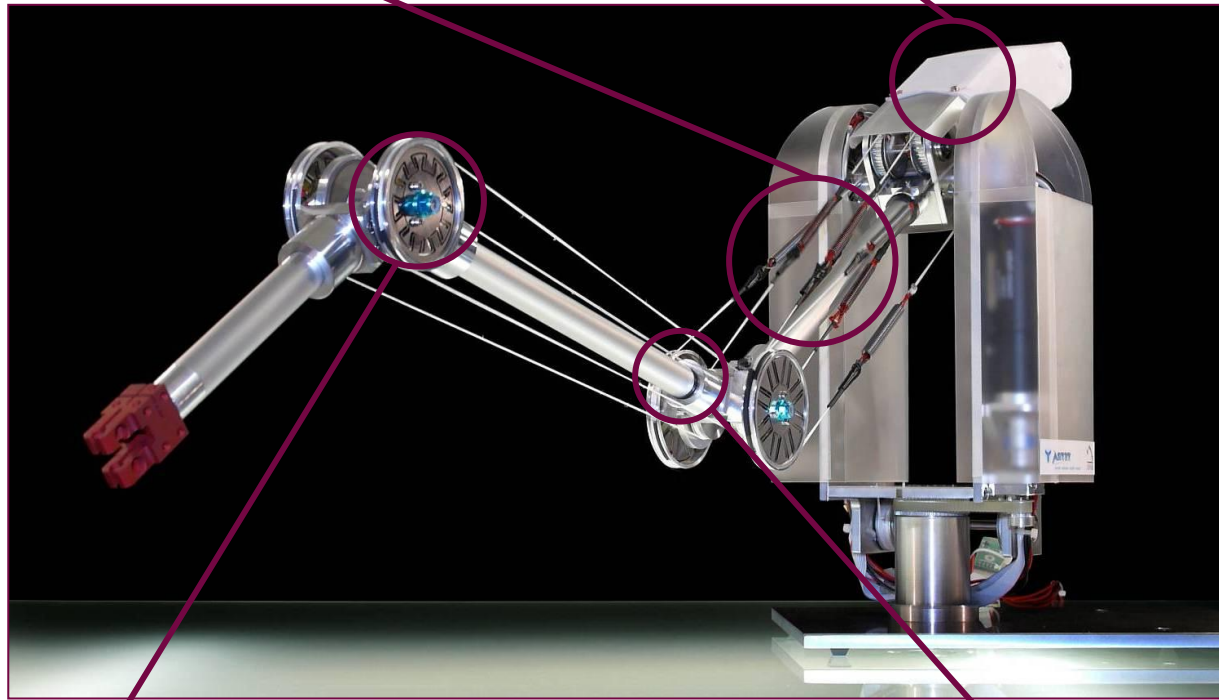
BioRob



BioRob design

Elastic drive

Motor in the base

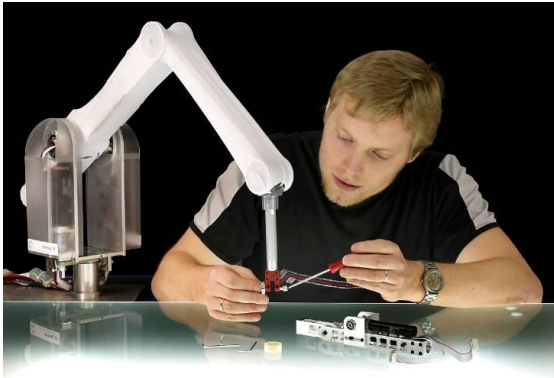


Encoder in the joints

Ultra lightweight construction

Applications

Assistent robot



Pick&Place



Inspection



Automation in small and medium-sized enterprises

- Without any safety cabin or light barrier
- Self-explanatory teach-in
- Energy efficient

Easy handling



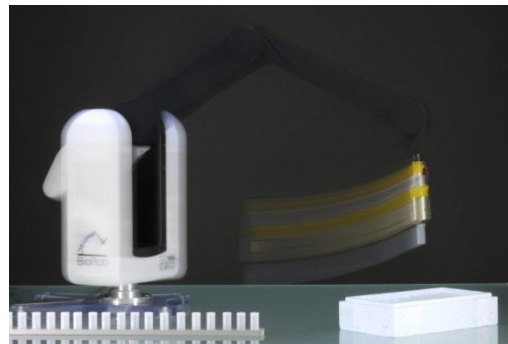
1. Setup BioRob



2. Show starting position



3. Show target position



4. Start process

Properties

Parameter	Value
Number of elastic axes	4-6
Weight from the shoulder	1 kg
Total weight including control system	5 kg
Arm length to the flange	760 mm
Payload	up to 2 / 4 kg
Distance base plate – shoulder joint	280 mm
Energy consumption of the arm	nominal 15 W
Mounting position	in any direction
Power supply	12 V max. 40 W
Control	Compact PC for GUI and main control, TCP/IP

Contact



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