

INTERACTIVE ROBOTICS LABORATORY

Technological research toward industry

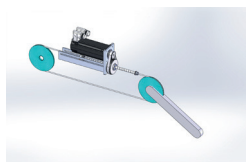
COBOTIC TECHNOLOGIES

COBOT (COllaborative RoBOT) objective

- Take the best out of human skills, decision capacity, and robot accuracy and force.
- Preserve human operator from musculo skeletal disorders and rise productivity
- Share tasks safely and intuitively

A new age of robotics

- High fidelity force control
- Equivalence of force and position control between human and robot



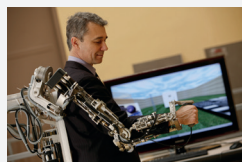
► Screw cable actuators (patented)



► Physical simulation for design and virtual prototyping in XDE®



► Robotic hand



► ABLE 7D | Integral force feedback upper limb exoskeleton



► Force control with stability guarantee



► SURGICOBOT I
Assistance to manual surgery



► ASSIST 7D | Lightweight collaborative industrial robot

INDUSTRIALS PARTNERS

HAPTION™ Haptic interfaces



► Virtuose

RB3D™ Assistive devices

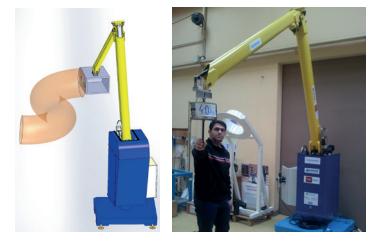


► HERCULE
Personal load assistant



► A.6. 15
Force amplifier assistant

SARRAZIN Technologies™ Assistive devices



► COBOMANIP | Industrial cobotic assistant