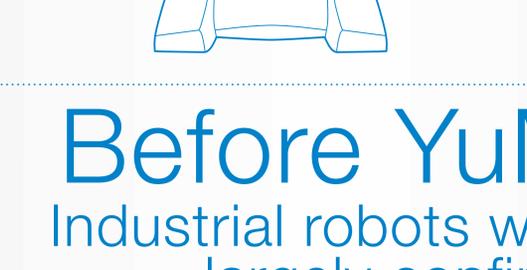


YuMi®: Creating an automated future together. You and me.

In 1974, ABB introduced the IRB 6 robot and kick-started the modern industrial robotics era. It was the first commercially available industrial robot to feature all-electric drive and microprocessor control. Since then, the form factor and functionality of industrial robots has remained largely the same.

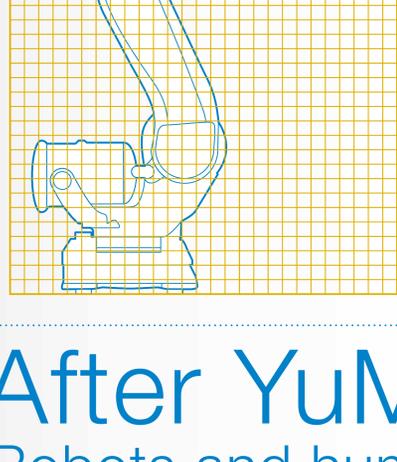
Now We give you YuMi

the world's first truly collaborative dual-arm robot

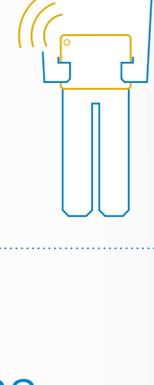


Before YuMi

Industrial robots were largely confined to cages



Humans and robots worked separately



After YuMi

Robots and humans can work side by side

YuMi literally removes the barriers to collaboration by making it possible to operate without safety fencing and cages



Space-saving

No need to alter existing working environments

With a human-sized profile, YuMi was intentionally designed to resemble its human counterpart. It has a compact body and requires no more space than a standard workstation for humans



Inherently safe system

of automated small parts assembly



Integrated camera-based parts location Integrated collision detection Dual arms

Lightweight materials Flexible hands

Padding for extra precaution Eliminated pinch points

Universal parts-feeding system Built-in, state-of-the-art motion control

Height 56 cm Reach 162 cm

Human-robot collaboration



Automating the processes that still require humans to be part of the solution and can't be fully automated with existing technology. A complete system of collaboration makes for simpler programming, meaning factories don't need as many engineering resources

More efficient and better

Automation with minimized safety risks and in compact spaces makes for easier factory installation utilizing existing floor space. Even partial automation of assembly lines results in much faster production



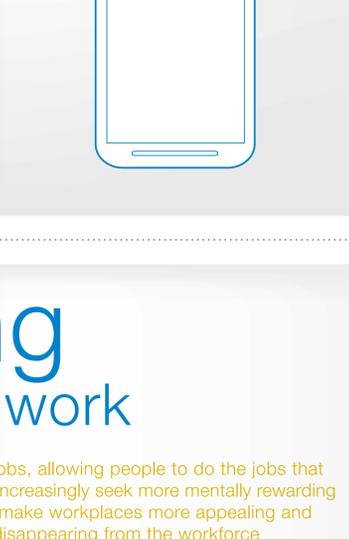
Programming so easy anyone could do it



With YuMi's Lead-Through Programming technology, the complexity of traditional programming becomes a thing of the past. In fact, programming is so easy that anyone can do it intuitively – without special training or programming skills

Higher quality less waste

When humans and robots work together, it often results in surpassing the precision and speed of human-only work, resulting in higher quality products and less waste



Elevating the nature of work

Robots do the dull, dirty and dangerous jobs, allowing people to do the jobs that are less laborally demanding. As people increasingly seek more appealing jobs, collaborative robots simultaneously make workplaces more appealing and replace the manufacturing skills that are disappearing from the workforce

