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

**Before YuMi**

Industrial robots were largely confined to cages of automated small parts assembly. They worked separately, requiring humans and robots to collaborate through programming that was complex and required special training.

**After YuMi**

Robots and humans can work side by side. YuMi, the world's first truly collaborative dual-arm robot, allows for integrated camera-based parts location and integrated collision detection, ensuring safety and efficiency.

**Now**

We give you YuMi. YuMi is inherently safe and space-saving, designed to work in compact spaces without altering existing working environments. It is lightweight and built with flexible hands, universal parts-feeding systems, and eliminated pinch points. The system of collaboration makes for simpler programming, meaning factories don't need as many engineering resources. 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.

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. 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.

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

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.

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

Now, we can elevate the nature of work by 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.

Higher quality, less waste and better the nature of work.

Programming so easy anyone could do it.

Inherently safe system of automated small parts assembly.

Human-robot collaboration.

More efficient and better.