

# Innovating for Tomorrow's Manufacturing, Today





## Why Cobots?

We believe conventional industrial robots have been, and always will be, a crucial part of fabrication.

However, they require dedicated cells, and are hard and expensive to re-program, making them challenging to address high-mix, low-volume fabrication. That's where cobots come in.

## About Us

Anka is an established engineering and automation company with a strong emphasis on cobotic applications. We specialise in automated welding applications and aim to take the manufacturing industry to the next level by integrating collaborative robots into various sectors. Whether designing customised cobotic systems or providing reliable support, Anka continues to pave the way for a more advanced and automated future.

We offer **welding & metalworking turn key systems** to our customers.

Our work revolves around providing faster, easier, cost-effective automation for shops with an ever-growing need for skilled labor, and higher quality.





## Our Products:

# CoboMate Welder

### Easy to Learn

No prior experience is required

### Weld any Metal

Steel, stainless, aluminium, hard-facing etc.

### Improve Productivity

Up to %60 comparing to manual processes

### Decrease Cost

Minimize material waste with precise and consistent welds.

## Standard hardware and software include:

RBW Collaborative Robot

Kolarc Inverter Welder\*

EDR Robotic Torch

Welding Table\*



RB-RING (Teaching flange)



Weaving



Touch sensing



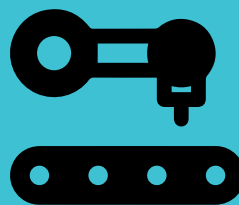
Off-set



Program scheduler

\*Optional

## Industries:



- General fabrication shops
- Steel/aluminum structure manufacturers
- Pipe spool/skid manufacturers
- Industrial machinery manufacturers
- Ship machinery and parts manufacturers
- Hardfacing shops
- Heavy machinery parts manufacturers
- Material handling equipment manufacturers
- Grating / fencing manufacturers
- HVAC systems manufacturers
- Automotive parts manufacturers
- Defence industry fabricators
- Furniture fabricators

Watch it in action!





## Our Products:

## CoboMate Laser

### Faster Welding

Up to x4 faster welding speed than conventional processes

### Low Heat Input

Prevent distortion and metallurgical changes in base material.

### No Post-Weld Treatment

Eliminate post-weld cleaning procedures.

### Increased Productivity

Continuous and consistent welding operations

Standard hardware and software include:

RBW Collaborative Robot

Laser Power Source

Manual or Robotic Torch

Welding Table\*



RB-RING (Teaching flange)



Weaving



Off-set



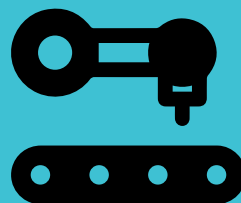
Program scheduler

\*Optional

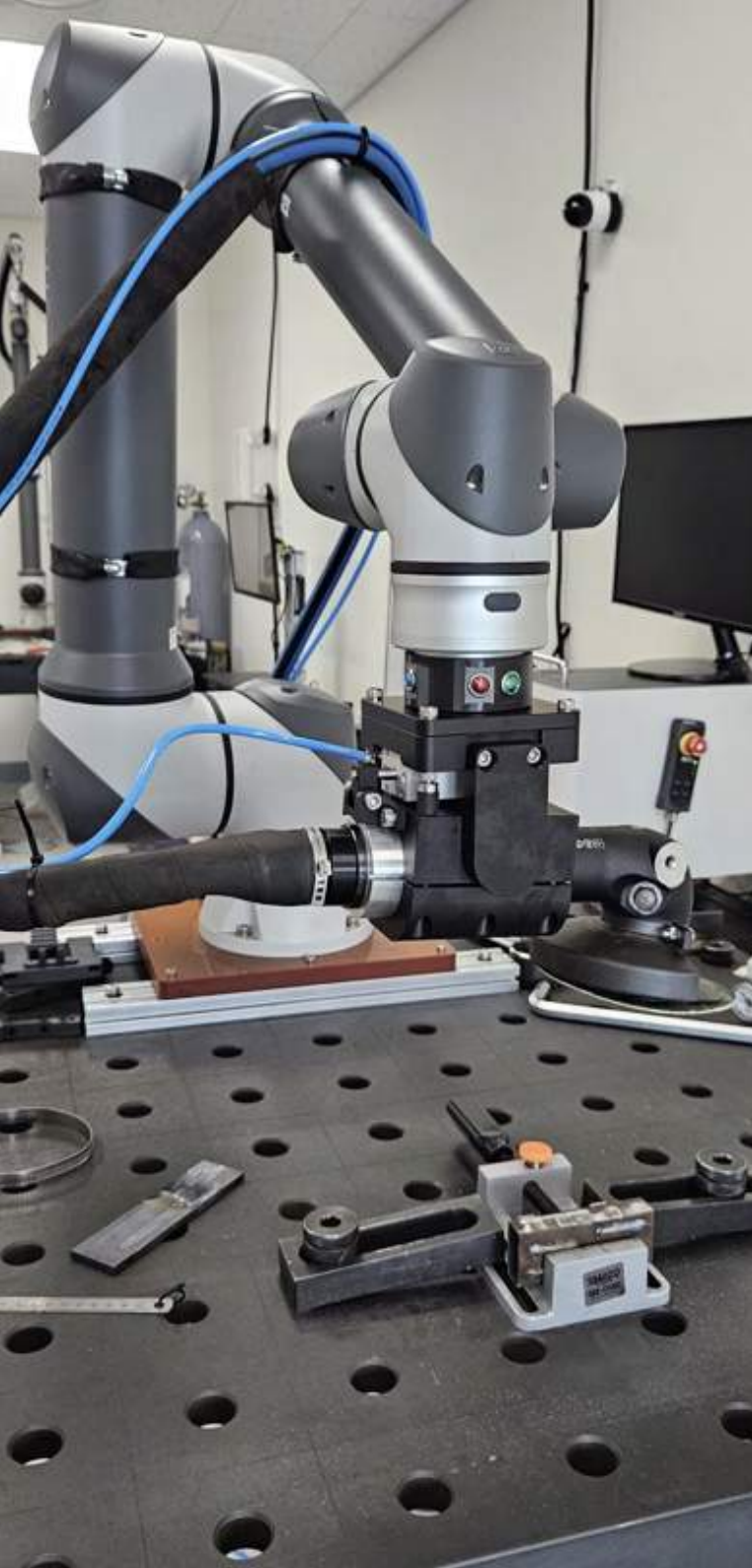
Watch it in action!



## Industries:



- General fabrication shops
- Architectural metal structure manufacturers
- Electrical box manufacturers
- Industrial kitchen equipment manufacturers
- Industrial machinery manufacturers
- HVAC systems manufacturers
- Automotive parts manufacturers
- Furniture fabricators
- Electronics: Battery casing fabricators
- Cleaning in a variety of industries



## Our Products:

## CoboMate Grinder

### Efficient Operation

Faster cycle times and improved productivity

### Reduced Fatigue

Physically demanding jobs made easier

### Precise and consistent

Ensure uniform material removal

### Cost Effective

Reduce labour cost, minimise error, reduced rework

### Standard features include:

RBW Collaborative Robot

Pferd Robotic Spindle

Pneumatic System

Welding Table\*



RB-RING (Teaching flange)



Weaving



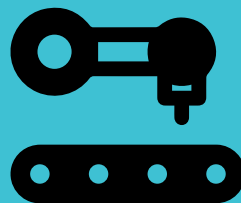
Off-set



Program scheduler

\*Optional

### Industries:



- General fabrication shops
- Steel/aluminum structure manufacturers
- Pipe spool/skid manufacturers
- Industrial machinery manufacturers
- Ship machinery and parts manufacturers
- Heavy machinery parts manufacturers
- Material handling equipment manufacturers
- Grating / fencing manufacturers
- HVAC systems manufacturers
- Defence industry fabricators
- Furniture fabricators
- Foundries
- Aerospace parts manufacturers

Watch it in action!







### **Ease of Use**

User-friendly welding software +RB-RING rapid teaching flange for a very fast, simple teaching and welding experience compared to conventional cobot systems.



**Quality of life features** such as weaving, touch-sensing, offset (copy & paste), program scheduler provided default, free of charge



### **Complete wireless control**

With a Windows tablet



### **No restriction**

in welding machine brand



### **Hands on experience**

Anka team has **15 years** of combined experience in automated welding processes



### **High quality brands**

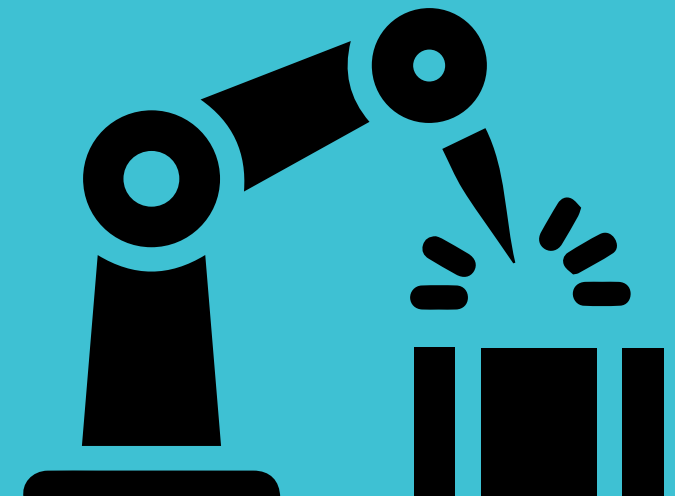
Ensuring the best quality and value for your investment

## **Products - Applications**

Who can benefit from CoboMate systems?

# **High-mix, low-volume fabricators**

Cobot systems shine when the end-user fabricates a large mix of parts in low volumes thanks to their ease in programming.



## Features of RBW Software



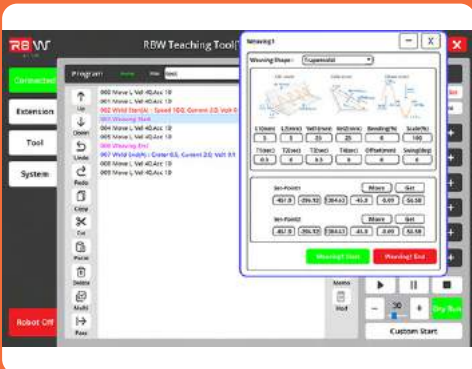
Windows-based,  
Wireless Control Pendant

The RBW software runs on the Windows operating system. Users are free to choose any Windows system they like, from tablets to panel PC'S.



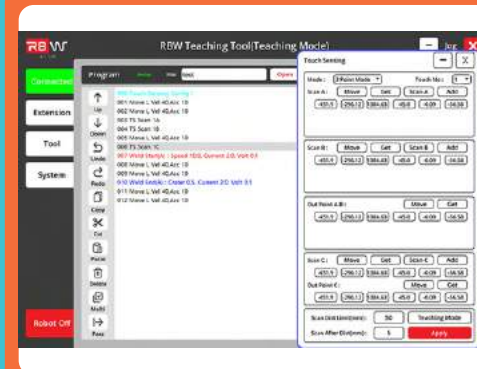
RB-RING

The RB-RING is an essential part of the RBW system; enabling an intuitive robot teaching experience, reducing teaching times significantly.



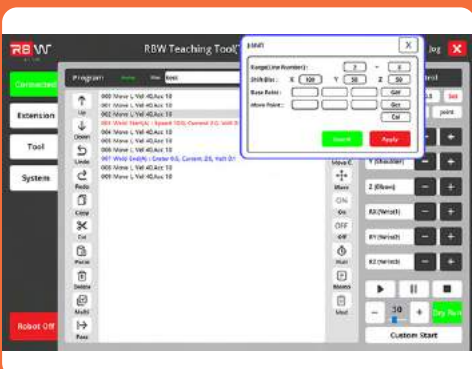
Weaving

Controlling heat input is crucial when welding thick material. The RBW software offers a wide variety of weaving patterns and parameters to address your weaving needs.



Touch Sensing

The RBW touch sensing feature utilizes the torch nozzle to detect small discrepancies in part geometry, and is a default feature on the RB-MIG, regardless of the welding machine used.



Off-set (Copy & Paste)  
Function

The RBW Off-set / Copy & Paste feature significantly reduces programming time for groups of identical workpieces with the shift, copy, cut and paste functions, available with all RBW systems.

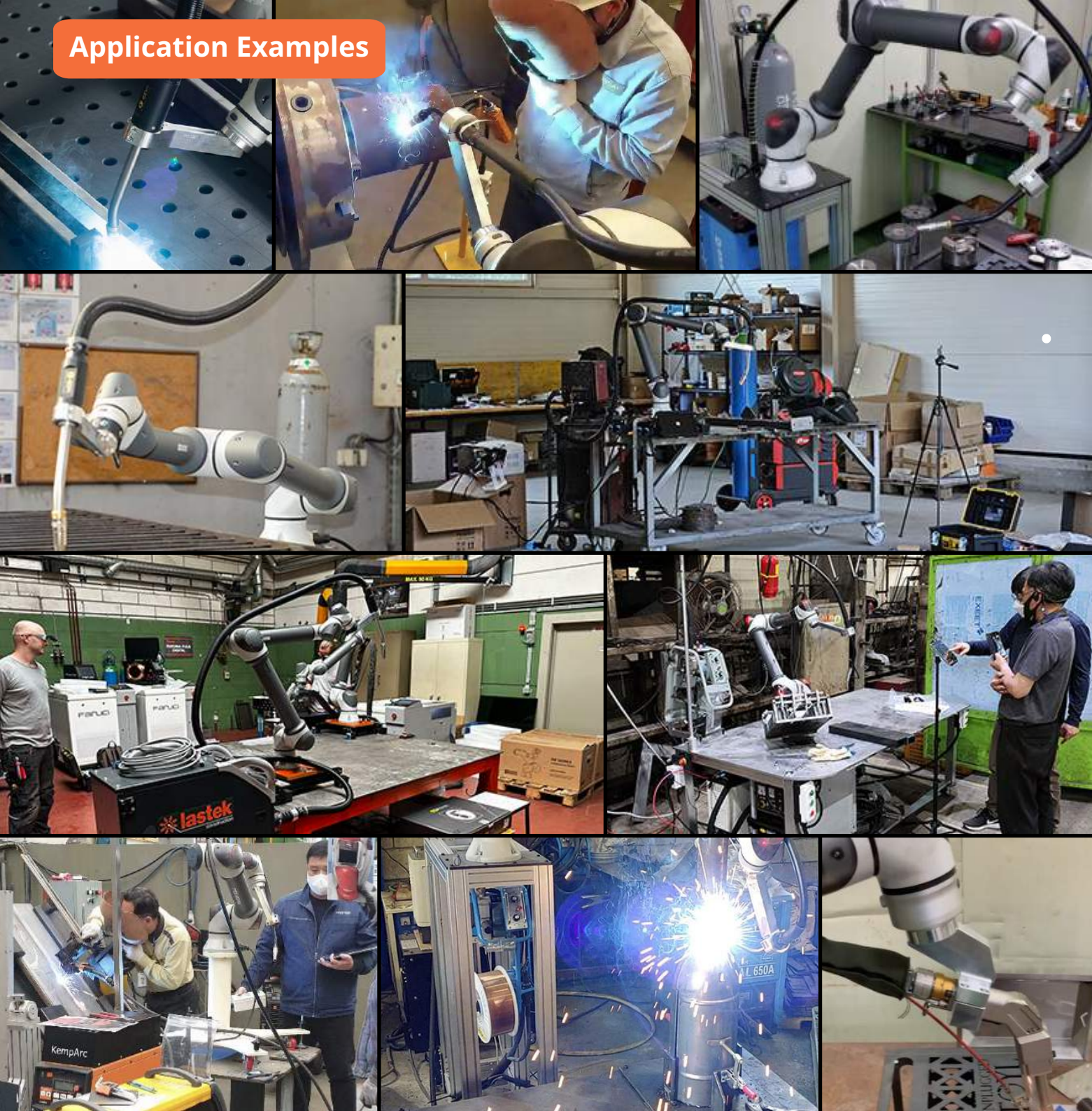


Program Scheduler

The RBW Program Scheduler is designed for users to schedule different program sequences and execute them in an order of their choice, enabling building of customized cells, and low-downtime work sequences.



## Application Examples



Get in touch



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