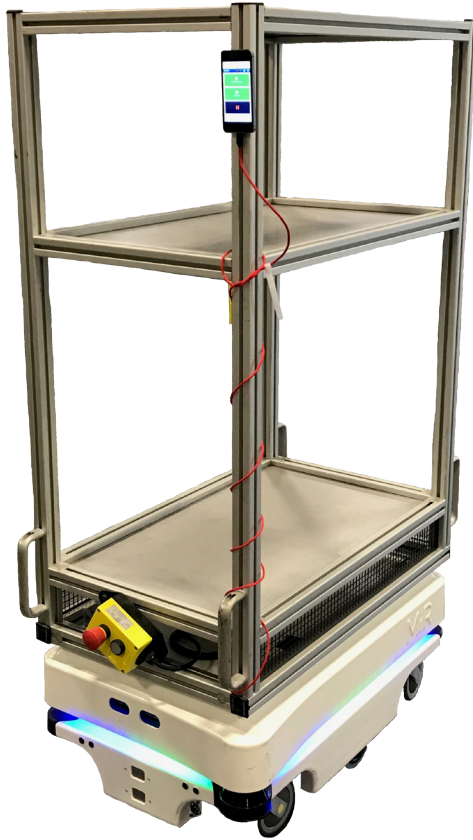


Air Hydro Power Case Study:

A study of the ROI of the MiR 100™ robot utilized in the Air Hydro Power warehouse and the increased rate of productivity after implementation.



at a glance...

- **Mobile Robot Model:** MiR 100™
- **Use:** Transport Customer and Production Orders
- **Weight Capacity:** 100 kg (220 lbs)
- **IP Class:** IP 20
- **Safety Concerns:** NONE
- **Expected Battery Lifespan:** 5 Years
- **Maintenance Needs:** MINIMAL
- **Initial Deployment Time:** 1-2 Hours
- **Daily Programming:** Start Route Every Morning
- **Charging Time:** Up to 3 Hours (0-80%: 2 Hours)
- **Charging Frequency:** Every Night OR When Battery Reaches Below 65%

the obstacle...

Air Hydro Power was looking to improve productivity in a new warehouse expansion by automating the delivery process of customer and production orders. The solution needed to be affordable, easy-to-deploy, low-maintenance, time-saving, and needed to be implemented safely within the warehouse.

the solution...

The MiR 100™ was the ideal solution for AHP because it fulfilled all the needs of the new warehouse. Based on current calculations, the MiR 100™ will autonomously deliver over 5,000 customer and production orders throughout the warehouse in a year, saving employees over 350 hours.

Estimated ROI : LESS THAN ONE YEAR!

- **Labor Savings (1 Year) : \$81,000**
- **Productivity Savings (1 Year) : \$20,250**

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