ATTABOTICS

CASE STUDY · 3D ROBOTIC EACH-PICK FULFILLMENT

Modern Beauty

Canada's leading beauty retailer more than doubled its daily volume without leaving its Calgary building.

Modern Beauty supplies private salons and more than 60 branded stores across Canada. Acquisitions and rising order volumes meant it needed more storage and more output without adding labor at the same pace.



75K
UNITS PER DAY, UP FROM 35K

99.7%
ORDER ACCURACY

80%
LESS PICKING LABOR, 20 TO 4

1,000+
UNITS PER STATION-HOUR AT PEAK

The Challenge

Modern Beauty began as a family business and still runs from its Calgary headquarters. It wanted to grow inside the building it already had. Its tenured team, some with more than 30 years on the job, needed to fulfill more orders without giving up accuracy or service levels.

The Solution

A joint Modern Beauty and Attabotics team mapped how products arrive, where they are stored and how they move through the facility. Attabotics designed a 3D robotic storage system that uses the building's full cubic volume. At each one-to-many pick station, an operator picks from a storage bin into any of 30 open orders on a put wall. An order grouping algorithm and pick-to-light guidance hold operators at 600 units per hour with better than 99% accuracy. Peak periods often top 1,000 units per station per hour.

As the business grew, Attabotics subdivided the original 26,000 bins to add SKUs in the same footprint and grew the robot fleet from 33 at launch to 63 today without interrupting operations. The system runs 4 dedicated picking stations and 5 dual-use stations across about 20,000 square feet.

The Result

Since go-live in January 2024, volume has grown from about 35,000 units per day to 75,000. Picking that once meant walking the facility now takes 4 operators instead of 20, plus one more at peak. Order accuracy is up to 99.7%, and Modern Beauty now offers higher service levels to customers across North America.

INDUSTRY
Beauty & Salon Distribution

LOCATION
Calgary, Alberta, Canada

DURATION
Live since January 2024

SYSTEM
134 x 149 x 20 ft structure (41 x 45 x 6.2 m), 63 robots, 26,000 subdivided bins, 9 workstations

PERFORMANCE
600 units per hour per station at better than 99% pick accuracy

> *"With Attabotics' put-to-light solution, we can now batch pick multiple store transfers simultaneously with 100% accuracy. We've doubled our inventory volume while maintaining the same headcount and warehouse footprint. Attabotics has transformed our fulfilment operations."*
>
> AMER JOMAA, CEO, MODERN BEAUTY