



EXOTIC

AUTOMATION & SUPPLY

Collaborative Robot for Paint Spraying and Depalletizing

Problem

The customer needed to spray an adhesive on cut wood prior to applying vinyl coating. The employee who had done it for the past 20+ years was retiring, and new employees would either not put enough adhesive on causing coating to not stick properly or they would put too much on and causing visible blemishes (runs) or wasted adhesive that created a mess.

Solution

Working with the customer, Exotic was able to provide a Techman collaborative robot (Cobot) that would precisely and efficiently spray the adhesive. We were also able to help with end of arm tooling design. This allowed for a simplified solution for not only spraying the adhesive, but also depalletizing the cut product and placing on their conveyor. This solution also allowed for workers to be used elsewhere to keep production up and running with reduced quality issues or wasted product.

Featured Products

TM12 – Offering great precision and flexibility while handling heavy objects, the TM12 has a 1300mm reach and 12Kg payload.

