

Raymond Ostrowski

MACHINE BUILDER

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Summary

Machine builder with 9 years of mechanical assembly on custom packaging machinery and CNC machine tools, from bare frame to customer acceptance. Reads engineering drawings and electrical schematics, sets alignment with precision measuring instruments, and leads troubleshooting of hydraulics and pneumatics at factory tests and on site.

Skills

- Machine Building • Mechanical Assembly • Engineering Drawings • Electrical Schematics
- Precision Measuring Instruments • Hydraulics • Pneumatics • Troubleshooting • Machine Alignment • Problem-Solving

Experience

Machine Builder

03/2021 - Present

Rock River Automation

Rockford, IL

Designs and builds custom case packers, palletizers and conveyor systems.

- Lead machine building on **18** custom case packers and palletizers worth \$250K to \$1.2M each.
- Square frames and align conveyors, servos and gearboxes to 0.001 inch with indicators and laser tools.
- Plumb pneumatics and hydraulics circuits and debug them with controls engineers during acceptance tests.
- Install and start up machines at 11 customer plants, training maintenance crews in about 4 days per site.

Mechanical Assembler

06/2017 - 02/2021

Forest City Machine Tool

Rockford, IL

Builder of CNC lathes and turning centers for job shops and OEMs.

- Assembled spindles, turrets and way covers for 40+ CNC lathes a year from engineering drawings.
- Measured bearing bores and spindle runout with micrometers and test indicators to 0.0002 inch.
- Reworked the build sequence with the lead engineer, cutting assembly hours per machine by 12%.
- Wired coolant pumps and limit switches to electrical schematics on 2 machine models.

CNC Machinist Apprentice

06/2015 - 05/2017

Winnebago Precision Machining

Loves Park, IL

Part-time apprenticeship in a job shop while in school.

- Ran 3 CNC lathes and mills on second shift, holding tolerances to 0.0005 inch.
- Inspected first articles with micrometers and height gauges before each production run.
- Deburred and packed 500+ machined parts a week for aerospace and hydraulic customers.

Education

Associate of Applied Science

05/2017

Rock Valley College

Rockford, IL

Manufacturing Technology

Certificates

OSHA 30-Hour General Industry

04/2022

OSHA Training Institute Education Center