## HOW TO CHOOSE THE RIGHT FIRST TASK FOR A COBOT

NORTHWEST AUTOMATION

A simple checklist to help manufacturers identify automationready tasks

## **INSTRUCTIONS**

Use this checklist to quickly identify which task in your plant is the best candidate for collaborative robot automation. Score each task below from 0 (No) to 2 (Yes). Then total your score.

## **SECTION 1: TASK EVALUATION QUESTIONS**

| QUESTION  | 0 (NO) | 1 (SOMETIMES) | 2 (YES) |
|---|--------|---------------|---------|
| Is the task repetitive and structured?                                |        |               |         |
| Does the task occur every day or every shift?                         |        |               |         |
| Is the task difficult to staff or retain people for?                  |        |               |         |
| Is the task physically straining, dirty, or fatiguing?                |        |               |         |
| Can the task be done without high-level decision-making?              |        |               |         |
| Does the task require consistent force, speed, or accuracy?           |        |               |         |
| Would automating this task free up workers for higher-<br>skill work? |        |               |         |
| Is this task a bottleneck in your current process?                    |        |               |         |

| HON |  |  |
|-----|--|--|
|     |  |  |
|     |  |  |

Total Score: \_\_\_\_\_/16

- 13-16 points Strong candidate for automation
- 9-12 points Good candidate, needs further review
- 0-8 points Not ideal for first cobot project



