

Productivity Improvement Program (PIP)



ENGINEERING



MANUFACTURING



LOGISTICS



EDUCATION



SUSTAINABILITY

Creating value through services

Committed to improving your productivity

Economic uncertainty, tougher competition and fast-paced innovation make it imperative to review your company's production line on a regular basis. Can it be made more efficient? Does it need to be upgraded?

We can help you. We resolve bottlenecks, reduce costs and reach productivity goals through our Productivity Improvement Program (PIP).

PIP is not just about tools. It is about efficiency and how to improve your results. As a tooling manufacturer with extensive experience and a global customer base, we have a wealth of knowledge upon which to craft smart solutions. We are not satisfied until you are satisfied.

A four-step process that really works

The Productivity Improvement Program (PIP) is a proven, structured process that takes you the whole way from your needs to an implemented solution. The length of the process depends on the project. The PIP can be done on a single machine, a process chain or a complete plant. We support all levels, regardless of whether you are an operator, technician, production manager, strategic purchaser or managing director. We work closely together with you, reviewing your needs and finding solutions using a four-step process:

Survey:

A productivity team identifies bottlenecks and areas of improvement and compiles data, largely by way of observations and existing documentation. We present the results and, after your approval, we continue.

Recommend:

After we analyze the survey results, the team proposes alternative solutions for increased productivity and lower costs in targeted areas.

Validate:

The team tests and verifies the preferred solutions with your production staff. We provide a comprehensive report as a basis for your decision on whether to implement the suggestions.

Implement:

PIP does not result in an idle report. Together we create a detailed plan on how to proceed, including instructions on who does what and when, what investments are needed, and how the roll-out procedure should be carried out. We give the appropriate training, and follow up to make sure that the improvements work as intended.

SURVEY

RECOMMEND

Solving manufacturing issues together

We help you reduce obvious waste such as:

- Scrap / rework
- Search times
- Waiting times
- Unnecessary processing

as well as hidden waste such as:

- Quality checks
- Setup processes / time
- Motion / transport
- Loading / unloading

We examine your setup processes in detail and help you to:

- Eliminate setup steps
- Combine steps
- Change the order of setup steps
- Simplify steps

In order to fulfill your needs for shorter lead times and optimized batch sizes

We support your workplace design with:

- Clearly arranged workspaces, resulting in minimal motion
- Storage space
- Efficient handling of equipment
- Eliminating / reducing waste
- Prioritizing safety
- Eliminating sources of danger
- Defining standards
- Defining and describing all tasks
- Ergonomics

We support you at the machine level with:

- OEE
- Component optimization
- Scrap
- Downtime
- Setup time
- Cutting process

We support you at the operator level with:

- Culture
- Workplace design
- Know-how
- Ergonomics
- Overtime

We support you at the organizational level with:

- Lead time
- Waste reduction
- Capacity planning
- Productivity
- Logistics
- Production costs
- Profit margin, ROC, ROI & NWC

We support you with logistics:

The right tool in the right place at the right time.

Savings already made by PIP customers

- The results of the PIP process speak for themselves. Previous customers have reported:
- A 20% reduction in process time
- An additional 3,460 hours capacity realized
- Annual savings of: \$101,350; \$472,500; \$868,600

Are you ready to let us help you improve productivity and cut costs?

VALIDATE

IMPLEMENT

Can PIP help you? Tick the boxes to find out

	Yes	No
Do you need world-class OEE?	<input type="checkbox"/>	<input type="checkbox"/>
Do you need to be more competitive?	<input type="checkbox"/>	<input type="checkbox"/>
Do you need to increase your profit?	<input type="checkbox"/>	<input type="checkbox"/>
Do you need to remove bottlenecks?	<input type="checkbox"/>	<input type="checkbox"/>
Do you need to reduce production cost?	<input type="checkbox"/>	<input type="checkbox"/>
Do you need to shorten your payback for investments?	<input type="checkbox"/>	<input type="checkbox"/>
Do your employees need to enhance skills and competence?	<input type="checkbox"/>	<input type="checkbox"/>
Do you need to increase production volume?	<input type="checkbox"/>	<input type="checkbox"/>
Do you need to increase production flexibility?	<input type="checkbox"/>	<input type="checkbox"/>
Do you need to reduce scrap?	<input type="checkbox"/>	<input type="checkbox"/>
Do you need to reduce lead times?	<input type="checkbox"/>	<input type="checkbox"/>
Do you need to reduce waste?	<input type="checkbox"/>	<input type="checkbox"/>

Total the number of YES answers.

If you scored 0, PIP will not help you.

If you scored 1–4, PIP will greatly improve your production.

If you scored 5 or more, PIP will dramatically improve your production.

If you answered YES to any of the above, please contact Sandvik Coromant, and we will do the Survey and Recommend steps together. If you like what you see, we will continue with the Validate and Implement steps in order to start reducing your company's costs and improving productivity.