

Pro-Act Program

Flexible maintenance programs to improve asset availability and performance

Benefits

- Increased asset reliability, performance and cost savings
- Planned interventions to assess, maintain or correct the performance and availability of customer assets
- Scheduled maintenance activities to limit the required amount of downtime
- Cost containment of maintenance related activities
- Industry leading monitoring software to justify investment



Husky trained technicians perform maintenance to reduce mold wear.

Why have Husky perform proactive maintenance?

Maintenance costs for machinery tend to rise as machines age. Wear and tear, along with a lack of available time for machine maintenance, can result in significant cost increases. When even a single machine is out of production due to unplanned maintenance, a customer can lose days of production and may be required to pay thousands to resolve service issues. Ultimately, unplanned downtime leads to reduced profitability.

Customers who adopt proactive machine maintenance programs experience far fewer machine-down situations and lower costs. For many customers, the proactive and preventative services provided by Husky prove to be far more cost-effective than reacting to problems after they have occurred.

What is the Pro-Act™ program?

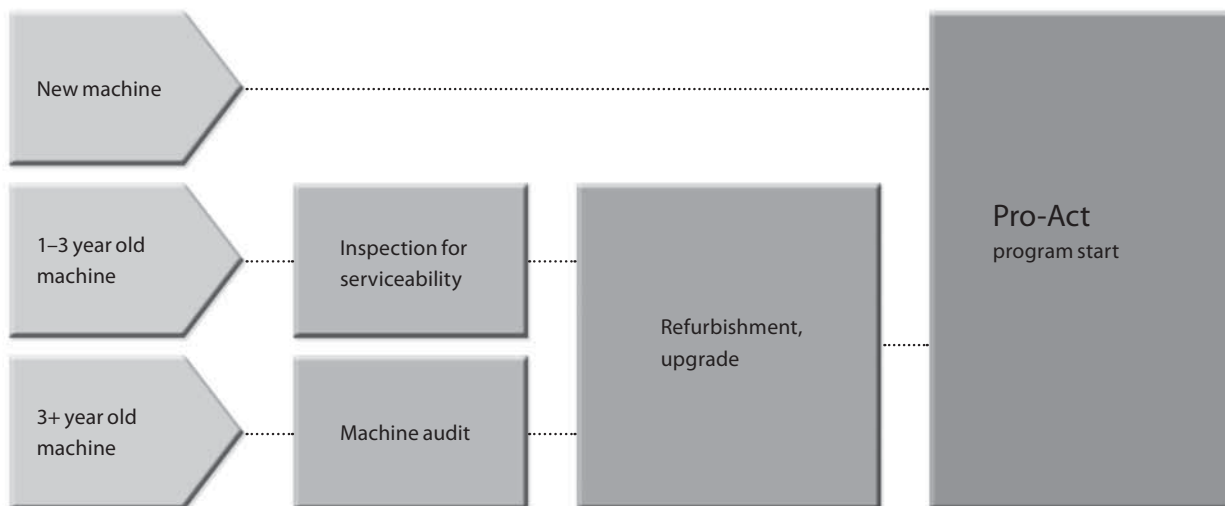
Pro-Act is a multi-level contract based program focused on improving overall operational effectiveness. The program is based on a proactive, as opposed to reactive, maintenance model. It is designed to ensure maximum performance and improve overall operational effectiveness by eliminating unplanned customer downtime.

Key features of Pro-Act include:

- Proactive maintenance activities that are pre-planned and executed by Husky certified technicians
- Husky service on Husky® machines ensures quality work completed by experts
- Programs can be customized depending on customer needs

HUSKY®

Keeping our customers in the lead



Pro-Act program prerequisites—the age of the machine defines the type of prerequisite.

Pro-Act offers three levels of service, each providing more in depth services and greater value. The enhanced services at each level creates more interaction in a customer’s facility with Husky service technicians allowing Husky to better anticipate and understand customer needs.

Pro-Act Level 1—Entry level proactive maintenance

The Level 1 Pro-Act program is an introductory commitment to maintenance. The commitment begins by ensuring machines are in optimal condition at the outset of the program, where baseline performance is established. Going forward, customers with an internal maintenance staff would have an annual assessment and calibration. For machines less than three years old, an inspection for serviceability is performed.

For machines three years old or older, a machine audit is performed by Husky technicians, followed by:

- Visual and functional safety checks
- Post-visit report
- Verification of calibration seal
- Plus selectable options to enhance the program that include:
 - PM parts package (by machine type)
 - System geometric correction
 - Post-visit checklist and analysis of historical data
 - Purchase a block of technician time

Choosing the Level 1 program is an excellent way for customers to have a Husky expert perform an annual “check-up.” This annual exercise is conducted by our technicians, who are Husky machine specialists. With their experience, our technicians are

able to rapidly diagnose and resolve many different scenarios that affect machine performance. This speeds up the service process. In addition, many tasks included in this annual review require specialized skills. Having Husky people perform them means that customers can focus their time on the day-to-day essential operations of their business.

Pro-Act Level 2—Intermediate level proactive maintenance

The Level 2 Pro-Act program is focused on continuous improvement of machine availability. It contains every feature of the Level 1 program, including all of the selectable options (see program features chart). The prerequisites from the Level 1 program continue to be applicable (inspection for serviceability or machine audit, dependent on machine age). The Level 2 program is designed to improve a customer's day-to-day business, based on the customer's specific objectives (e.g. improve OEE or uptime).

Two yearly visits are scheduled, in addition to the visit for the prerequisite baseline performance evaluation. This can be upgraded to four visits per year by choosing the semi-annual maintenance tasks option.

Customers with an internal maintenance team would ideally enlist Husky experts to assist in achieving optimal machine reliability as a complement to their staff. The steps involved in the Level 2 Pro-Act program breakdown as follows:

- All Level 1 features (including options)
- Semi-annual maintenance
- Pre and post-visit report focusing on continual performance improvement
- Plus selectable options to enhance the program that include:
 - Advanced diagnostics
 - Quarterly visits performed by Husky technicians
 - Customized spare parts packages
 - Oil service
 - Field tutoring

Pro-Act program features

Level 1 program	PET	Hylectric	Quad/E-line	G-Line/X-Line
Safety assessment	✓	✓	✓	✓
Calibration	✓	✓	✓	✓
Post-visit report	✓	✓	✓	✓
Calibration QA seal	✓	✓	✓	✓
Test run—1 day			✓	✓
PM parts package	◦	◦	◦	◦
Geometric correction	◦	◦	✓	✓
Post-visit analysis	◦	◦	◦	◦
Block of time ²	◦	◦	◦	◦
Level 2 program				
Complete Level 1 program	✓	✓	✓	✓
Semi-annual maintenance	✓	✓	✓	✓
Pre-visit review and discussion	✓	✓	✓	✓
Custom spare parts package	◦	◦	◦	◦
Oil service	◦	◦	◦	◦
Additional PM visits	◦	◦	◦	◦
Field tutoring	◦	◦	◦	◦
Advanced diagnostics	◦	◦	◦	◦
Includes travel costs	◦	◦	◦	◦
Level 3 program				
Complete Level 2 program	✓	✓	✓	✓
ServiceLink®	✓	✓	✓	✓
24 hour response	◦	◦	◦	◦
Mold life cycle maintenance ¹	◦			
Shotscope® NX	◦	◦	◦	◦
Yearly manufacturing consultation	◦	◦	◦	◦

✓ Included

◦ Optional

¹ This option has a prerequisite of a mold audit

² Multiple machine programs provide options—review details

Pro-Act Level 3—Advanced level proactive maintenance

The Level 3 Pro-Act program provides an opportunity for cost containment of maintenance related activities for the customer. This program includes every feature of the Level 2 program, including all of the selectable options. Prerequisites from Level 1 are still applicable as each level incorporates all features of the previous program.

The Level 3 program is designed to eliminate the variability in maintenance costs year over year. As the Level 3 program can include many custom features, a detailed pre-quoting consultation must be performed with the customer in order to prepare a custom quotation.

This program is ideal for customers who are willing to make a long-term commitment to excellence. As such, it carries a five year renewal. The duration is longer than Level 1 and 2 as trend analysis and machine performance consistency will take time to become evident and measurable.

A major advantage of our Level 3 program is our ongoing commitment to performance excellence with yearly consultations with our Manufacturing Advisory Services team. This dedicated team provides operational consulting, design and project management services to support customers in improving the operating efficiency of their injection molding facilities. Our team evaluates business opportunities, such as examining new or existing plastics component programs, improving existing business by identifying options and implementing operational improvements, as well as understanding and controlling energy consumption through total energy management initiatives.

To reinforce the value offered by our programs, Husky customers have the option to purchase Shotscope NX, the injection molding industry's most advanced process and production monitoring software. Implementation of Shotscope NX provides customers with a premium impartial third party data collection tool, allowing

customers to ensure that performance commitments and criteria defined during the pre-consultation stage are met.

Contact Husky today for more information about the Husky Pro-Act program.

Husky Injection Molding Systems
www.husky.ca

Head Office Canada • Tel. (905) 951 5000 • Fax (905) 951 5384
Asia China • Tel. (86) 21 5048 4800 • Fax (86) 21 5048 4900
Europe Luxembourg • Tel. (352) 52 11 51 • Fax (352) 52 60 10

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