What is TaeguTeconomics?

TaeguTeconomics is a fully integrated philosophy that incorporates profitability, increased productivity and expert knowhow in order for TaeguTec customers to stay ahead of the competition.
Want to reduce your manufacturing cost?

Adopt TaeguTeconomics!

- Line Improvement Program
- Improved Profitability with New Products
- Total Cost Reduction Program
- Technical Training
- Matrix for Cost Optimization
- Turnkey Project Support Program
Improving The Bottom Line

TaeguTec’s cutting tools promotes savings by improving the production process which positively trickles down to affect all aspects of a manufacturer’s cost structure.

Cost structure in a typical manufacturing company

Direct cost
- Tool cost: 3%
- Material cost: 22%

Indirect cost
- Labor cost: 28%
- Machine cost: 26%
- Overhead: 21%

Scenario 01
- Receiving Higher Discount?
- Decreased tool price: 30%

Scenario 02
- Reducing Tool Consumption?
- Increased tool life: 100%

Scenario 03
- Increasing Machining Productivity?
- Increased speed / feed: 20%

Use calculator to
Check your REAL COST on a REAL TIME basis

Use TaeguTec’s cutting tools to promote savings by improving the production process which positively trickles down to affect all aspects of a manufacturer’s cost structure.
Increased productivity is the best way to reduce cost.

Total cost savings!

**Result 01**
- Saves on tool cost: 1.0%
- Before: 3% Tool cost
- After: 2% Tool cost

**Result 02**
- Saves on tool cost: 1.5%
- Before: 3% Tool cost
- After: 1.5% Tool cost

**Result 03**
- Saves on overall costs: 15.0%
- Before: 28% Labor cost, 26% Machine cost, 21% Overhead
- After: 22.4% Labor cost, 20.8% Machine cost, 16.8% Overhead
TaeguTec offers an all-encompassing program that utilizes its machining technology and knowledge across all industrial areas. The program takes the customer from the beginning of the operation through the tryouts towards the final goal of improving the overall machining process. Due to its wealth of hands-on experience by highly qualified engineers, TaeguTec delivers effective results beyond the customer’s expectations.

Optimizing for a Cost Effective, Smooth Flowing Production Line

Trouble shooting and Tool engineering
Participating in the process improvement program will raise productivity levels and cut tool cost.
Technical support for product tests
CNC programming to reduce cycle times

Process optimization - Eliminate Bottlenecks
What we do

1. Survey machining line
2. Find alternatives
3. Recommend change with estimated cost savings
4. Implement new tools
5. Set target for improvement
6. Set priority list
7. Perform tool tests
8. Customer approval
9. Calculate cost savings and report to management

What you get

- Tool Cost Savings
- Tool Quantity Savings
- Decrease Defective Products
- Process Optimization (Eliminate Bottlenecks)
- Improve Machining Efficiency
- Improve Cutting Tool Performance
- Increase Cutting Speeds
- Increase Feed
- Increase Cutting Depths
- Reduce Cycle Times
- Improves Durability of Cutting Edges
- Increasing Tool Life
- Quality Improvement

Line Improvement
Performance Improvement
Productivity Improvement
Cost Reduction

Increased Productivity
Decreased Cost

Before
After
The cornerstone of the Total Cost Reduction program is flexibility and modularity. We deliver a tailored solution based on a comprehensive tool and process audit. Together with our customers, we define the scope of services and targets and then formulate a plan that will achieve tangible results. This partnership assists customers to focus on delivering high quality parts on time at competitive prices.

By defining the scope of services and targets, TaeguTec has formulated a range of tool management services that will help any size company lower its cost. With this option, customers pay for the tools they use and a service fee.

TaeguTec's other full range of tool management services makes it possible for customers to pay for each part that is produced. The cost per unit (CPU) will be determined during consultations with our highly trained technical support team.
Power of a Warehouse in Your Hands

Whatever your storage and tool management needs, the new MATRIX Series 5 is the ultimate solution. It comes in 2 sizes – the MAXI and MINI – and is fully scalable and modular. Its powerful software does it all with a range of easy to use and clever features. The MATRIX significantly reduces the tool handling costs by automating and simplifying many of the daily processes, and also provides a useful database for tool and process improvement.

Reduce hidden tool cost with MATRIX

Automatic cabinet for tool dispensing and management.

- Software and hardware combined product
- Possible to store hundreds of different parts
- Apply interoperable software package

Automates the Collection of Carbide Scrap for Recycling

- Users throw carbide scrap into electronic container
- Every hour the scrap is weighed
- When it reaches a pre-set maximum weight, an alert is emailed to collect
TaeguTec supports customers with tooling services that begin by collaborating with the machine builder to make 100% use of the equipment's capability.

- Providing tooling services for the machine builder and the end user when a capital equipment investment is made.
- Recommending the optimum tools, fixtures and interference checks plus delivering exceptional cycle times through meetings with the customer.
- TaeguTec supports a company's tooling project by offering a total implementation tryout service that handles everything from the initial to the mass production stage.
- Product Testing and Technical support.
- Actively aims to raise productivity and cut costs after the process or project has stabilized.
Increased Productivity

Customer
- Reduced cycle time
- Reduced downtime
- Increased output

TaeguTec
- High speed/feed tooling
- Combination tooling
- Optimized operations

Machine Builder
- Multi-axis/function machine
- Higher spindle speed
- Higher fixture stiffness

New Projects

Machining Advantage Program

Investing in new machines?
TaeguTec Tooling Voucher Program saves in the initial investment cost

New Machine (un-tooled machine) + TaeguTec standard tool with SPECIAL DISCOUNT = SAVING

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Education for The Future

All clients with an interest in TaeguTec products can attend these programs to learn how to implement our Cost Reduction Technology programs.

- A comprehensive curricula including customized programs according to the customer’s level of expertise, interest and language as well as industry sector.
- New products seminars including demonstrations, new technologies and a plant tour.
General Programs for Cost Reduction

Finding Machining Solutions

Our Tech Center tests, evaluates and suggests the best cutting tools for your machining conditions no matter the material used. From steel to inconel and other difficult to machine alloys, our Tech Center will find the right solution for your pilot, prototype or existing product by performing tests that emulate real-world working conditions.

Logistics System for Cost Reduction

The efficient control of a company’s stock is part of the aggressive cost reduction activities we offer which deliver immediate results by positively impacting tooling expenditures. In doing so, TaeguTec delivers standard products within one day upon confirmation of the order. Our high service level for all products, which includes the supply and delivery of special tools, is rooted in TaeguTec’s exceptional logistic control.
We do the winning moves for you.
TaeguTechonomics,
by all means!