MACHINIST CALC™ PRO

ADVANCED MACHINING MATH AND REFERENCE TOOL

Calculations

Dedicated keys quickly and easily solve:

- Speeds and Feeds
- Right triangle math
- Bolt Pattern hole layouts
- Trigonometric solutions
- 3-Wire measurements

Charts

Built-in Drill Size and Thread Tables save you time and steps

- Compliant with ANSI/ASME B1.1-2003 and ANSI/ASME B1. 13M-2005

Conversions

Work in and convert between U.S. and Metric units, including:

- Decimal Inches/Mils
- Feet-Inch-Fractions
- m, mm, cm
- Area, Volume and Weight

CALCULATED INDUSTRIES®

4840 Hytech Drive
Carson City, NV 89706
1-800-854-8075
Visit our website at:
www.calculated.com

Fast, precise solutions for your every day machining calculations built into a rugged and cost-effective handheld calculator.

The ***Machinist Calc Pro*** is for efficiency-minded machinists, setters, tool and die makers, supervisors and shop owners in small to mid-sized machine shops who want to increase productivity and profits in the design, layout and set-up stages of production.

It is the first dedicated handheld machining math and reference tool to provide a complete assortment of essential machine shop solutions.

- **Reduce wear and tear on costly cutting tools**
- **Convenient data look up for drill and thread sizes**
- **Built-in formula calculations**

Shock resistant Armadillo Gear case protects your calculator from moisture and dust.

Shown at actual size

Precise. Fast. Easy to Use. Convenient.

MACHINIST CALC™ PRO

ADVANCED MACHINING MATH AND REFERENCE TOOL

Increase your shop's productivity and profitability with the Machinist Calc Pro.

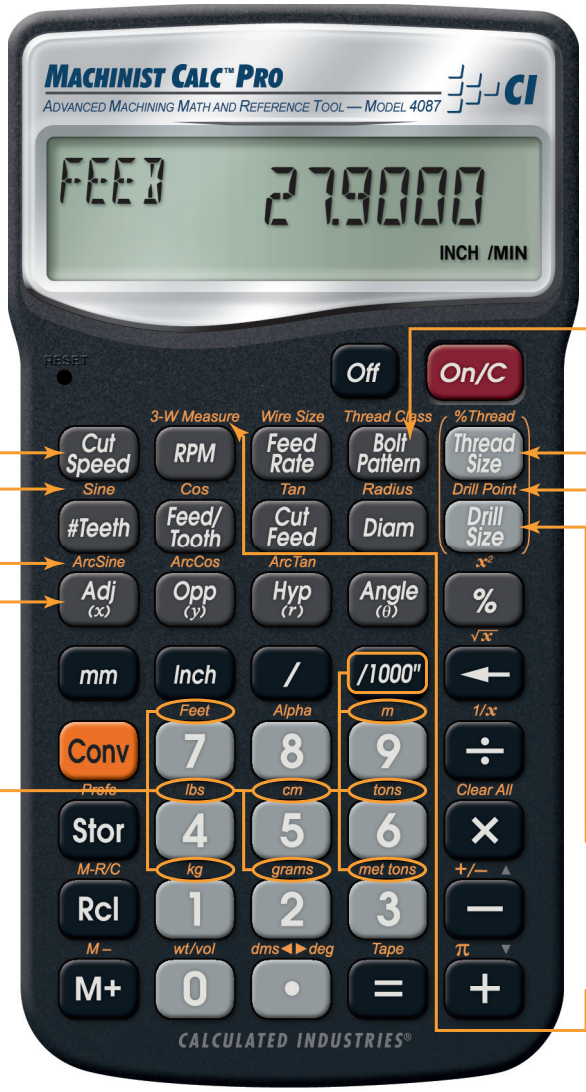
Speeds and Feeds — Easily calculates your Spindle Speed (RPM) and Feed Rate (IPM) values given Cut Speed (SFM), Diameter, Feed per Tooth (FPT/Chip Load) and #Teeth for all your Milling, Turning and Drilling operations

Trigonometric Functions — Sine, Cosine, Tangent, Arcsine, Arccosine, Arctangent

Right Triangle Math — Solves sine bar angle or any calculations involving unknown sides or angles. Easily converts between x-y and polar (r,Ø) coordinates

Work in and Convert between U.S. and Metric Units — Feet-inch-fractions to 1/64ths, decimal inches and mils, meters, centimeters, millimeters, pounds, tons, grams, kilograms and metric tons

Works as a standard math calculator with +, −, +/−, x, ÷, %, π, 1/x, x^2, and $\sqrt{x}$, Memory and Auto Shut-Off.



Bolt Pattern — Easily calculates center-to-center chord lengths and all your x-y coordinates for any diameter circle or number of bolts from any start point (centered, rotated or x-y offsets)

Thread Size — Finds the tap or rod sizes of entered numeric, fractional or metric threads, for any percent thread grip. Also provides the pitch, major and minor diameters for the specified thread class, grade and type

Drill Point — Find the Drill Point cut depth for any cutting angle and Drill Size

Drill Size — Gives you the closest fitting Drill Size for any hole diameter; plus scrolls up/down drill chart through all numeric, letter and metric sizes

3-Wire Measure — Find the pitch diameter using an entered Wire Size and 3-Wire Measurement key

Includes a rugged, shock, dust and moisture resistant Armadillo Gear case.

Machinists • Setters • Tool and Die Makers • Machine Shop Supervisors

Product Specifications — Machinist Calc Pro Model 4087

Size: 6.25" x 3.5" x 0.9" (160 mm x 90 mm x 25 mm)
Weight: 7 oz. (200 gm) Includes Armadillo Gear and Pocket Reference Guide
Power: Two 1.5-volt (LR-44/A76) Long-life Batteries
Display: 12 Digits (8 normal, 4 fractions) with Full Annunciators
LCD Dimensions: 0.625" x 2.5" (15 mm x 65 mm)
Accuracy: 12 Digit Internal Accuracy
Included with Every Machinist Calc Pro: Armadillo Gear Protective Hard Case, Long-life Batteries (Two LR-44), Quick Reference Guide and Easy-to-Follow User's Guide.
Full One-Year Limited Warranty