

CONSTRUCTION MASTER™ PRO TRIG

ADVANCED FEET-INCH-FRACTION CONSTRUCTION-MATH CALCULATOR WITH FULL TRIGONOMETRIC FUNCTION



Model 4080

Use it on the jobsite or in your office or truck.

Built-in Functions Include:

- **Stairs:** Solves "not-to-exceed" Riser Height and Stairwell Opening
- **Studs:** Find number On-center for an entered Length
- **Drywall, Siding, Panels:** Find number of sheets for an Area
- **Plus:** Compound Miter Cuts, Arched Rake-Walls and Equal Sided Polygons
- Includes English and Spanish User's Guides

 **CALCULATED INDUSTRIES®**

Easy to use and powerful, the **CONSTRUCTION MASTER PRO TRIG** provides the building professional with complete trigonometric function to help builders and designers quickly solve construction math problems. Work in and convert between feet-inch-fractions and metric, instantly calculate complex construction challenges for stair layouts, roof and framing and much, much more.

RUN 120-3 $\frac{3}{4}$
FEET INCH

Work in and convert between building dimensions

TRIG 57-9 $\frac{1}{2}$
FEET INCH

Built-in right-angle solutions for stair, roof and rafter layouts

SINE 53.0748°

Trig functions for Sine, Cosine, Tangent; Inverse angles and dimensions

ARC 39 $\frac{3}{4}$
INCH

Circular calculations for Arcs, Area, Circumference, Segments

CONSTRUCTION MASTER PRO TRIG



Product Specifications • Construction Master Pro Trig

Size:	5.6" x 3.0" x 0.6" (143 mm x 76 mm x 16 mm)
Weight:	4.5 oz. (127.5 gm) - Includes Case and Field Reference Guide
Power:	Two 3-volt (LR44/A76) Long-life Batteries
Display:	11 Digits (7 normal, 4 fractions) with Full Annunciators
LCD Dimensions:	0.625" x 2.5" (16 mm x 64 mm)
Accuracy:	10 Digit Internal Accuracy

Included with Every Construction Master Pro Trig:

Protective Hard Slide Cover; Long-life Batteries (Two LR44); Quick Reference Guides and Pocket Reference Guides; Complete, easy-to-follow User's Guide.

Full One-Year Limited Warranty:

All Calculated Industries calculators and electronic tools are covered by a Full One-Year Limited Warranty against defects in materials and workmanship. The full text of each warranty is published in the documentation accompanying each product and at www.calculated.com. Calculated Industries reserves the right to make changes in the materials and specifications of products without notice.

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ADVANCED FEET-INCH-FRACTION CONSTRUCTION-MAT

Compare Construction Master Features

	CM Pro Trig 4080	CM Pro Desktop 44080	CM Pro 4065	Measure Master Pro 4020
Dimensional Math and Conversions				
Foot-Inch-Fraction, Inch Fraction, Yards	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Decimal Feet (10ths, 100ths), Decimal Inches	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Preset Fractions (1/2" through 1/64")	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
D:M:S, Decimal Degree Entry and Conversions	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Full Metrics (m, cm, mm)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Right Angle Solutions				
Complete Right Angle/Rafter Calculations	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Pitch Key (Slope and Grade)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Rise, Run, Diagonal/Common Rafters Key	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Hip/Valley Key	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Jack Rafters Key	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Irregular Hip/Valley and Jacks Key	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Rafter Cutting angles (Plumb, Cheek and Level Cuts)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Stair Layout Key	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Stair (Advanced - "Not to Exceed" Riser Height and Stairwell Opening)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Diagonal Key	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Expanded Rake-Wall	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Arched Rake-Wall	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Studs: Find number On-center	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Area and Volume Solutions				
Square and Cubic	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Roof - Bundles, Squares, 4x8 Sheets, Pitch, Plan Area	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Drywall, Siding and Paneling 4x8, 4x9 and 4x12		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Column/Cone Area and Volume	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Basic Circular Calculations	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Advanced Circular Calculations	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Weight per Volume Conversions	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Length, Width and Height Keys		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Blocks, Footings		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Special Functions				
Trigonometric Function Keys (Sine, Cosine, Tangent, Arccosine, Arctangent)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
Board Feet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Works as a Regular Calculator (+, -, x, ÷, +/-, %, π, 1/x, x ² , √x)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
User-Definable Preferences	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Entry Editing Backspace Key	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Cost per Unit (Total costs based on unit price)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Equal Sided Polygon	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Compound Miters	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Crown Angle	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Additional Capabilities and Characteristics				
Paperless Tape	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Number of Memories	4	4	4	4

Diag —
Diagon

Pitch, R
Rafter,
Slope,
Polygon

Comp
Compo
exact c
Crown

Stair —
Treads,
Incline
Stairwe

U.S./M
Work in
Fraction
Millimet

Conv —
Conver
Second

Arc

Constru

MASTER™ PRO TRIG

CONSTRUCTION MATH CALCULATOR WITH FULL TRIGONOMETRIC FUNCTION

MODEL 4080

Dedicated Keys and Functions Make It Easy To Use

Diag — Instant
Diagonal/Square-ups

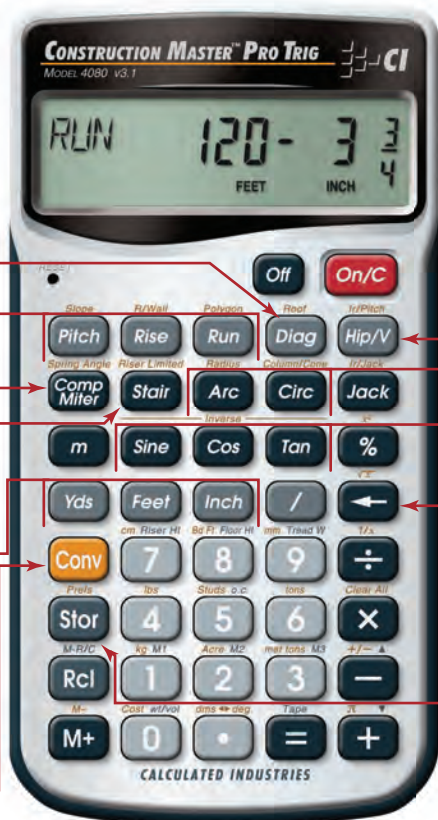
Pitch, Rise, Run —
Rafter, Roof Layouts;
Slope, Rake-Wall,
Polygon

Comp Miter —
Compound Miter for
exact cut angles;
Crown Angle

Stair — Risers,
Treads, Stringer,
Incline Angle,
Stairwell Opening

U.S./Metric Units —
Work in Feet-Inch-
Fractions, Yards, Meters,
Millimeters, Centimeters

Conv — Perform
Conversions; Access
Secondary Functions



Hip/V, Jack — Fast
Rafter Dimensions;
Irregular Pitch,
Irregular Jacks

Arc, Circ —
Advanced Circular
Calculations including
Column/Cone

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

Backspace Key —
Easily edit entries

Stor/Prefs — Store and set
preferences for Fractions,
Riser Height, Floor Height,
Studs On-center and More!

Architects • Builders • Contractors • Draftspersons • Engineers

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