Construction Master® Pro Desktop

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

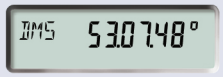
Model 44080

The Construction Master Pro Desktop is easy to use with its large keys and multi-position LCD.

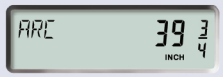
The **Construction Master Pro Desktop** is easy to use on the jobsite or in the office and is perfect for completing plans, layouts, bids and estimates. It will help you save time, reduce costs and prevent re-work. Work in and convert between metric and feet-inch-fractions. Instantly calculate complex construction challenges for stair layouts, roofs, framing and much more. Full trigonometric functions with Sine, Cosine, Tangent, Arcsine, Arccosine and Arctangent.

Work in and convert between building dimensions

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



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



Circular calculations for Arcs, Area, Circumference, Segments

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

Construction Master Pro Desktop

Product Specifications • Construction Master Pro Desktop

Size:	6.4″ x 9.0″ x 1.4″ (162 mm x 229 mm x 35.6 mm)
Weight:	.68 lb. / 10.8 oz (308.4 gm) Does not include User's Guide
Power:	Single 3-volt (CR-2032) Long Life Battery
Display:	11 Digits (7 normal, 4 fractions) with Full Annunciators
LCD Dimensions:	1.4″ x 5″ (35 mm x 130 mm)
Accuracy:	10-Digit Internal Accuracy

Included with Every Construction Master Pro Desktop:
Easy-to-follow User's Guide; Long-life Battery (One CR-2032); Full Size Keys; Large, Multi-position Tilt Display LCD; English User's Guide, Spanish Pocket Reference 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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MODEL 44080

Compare Construction Master Features

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

Dedicated Keys and Functions Make It Easy To Use

Diag — *Instant Diagonal/Square-ups*

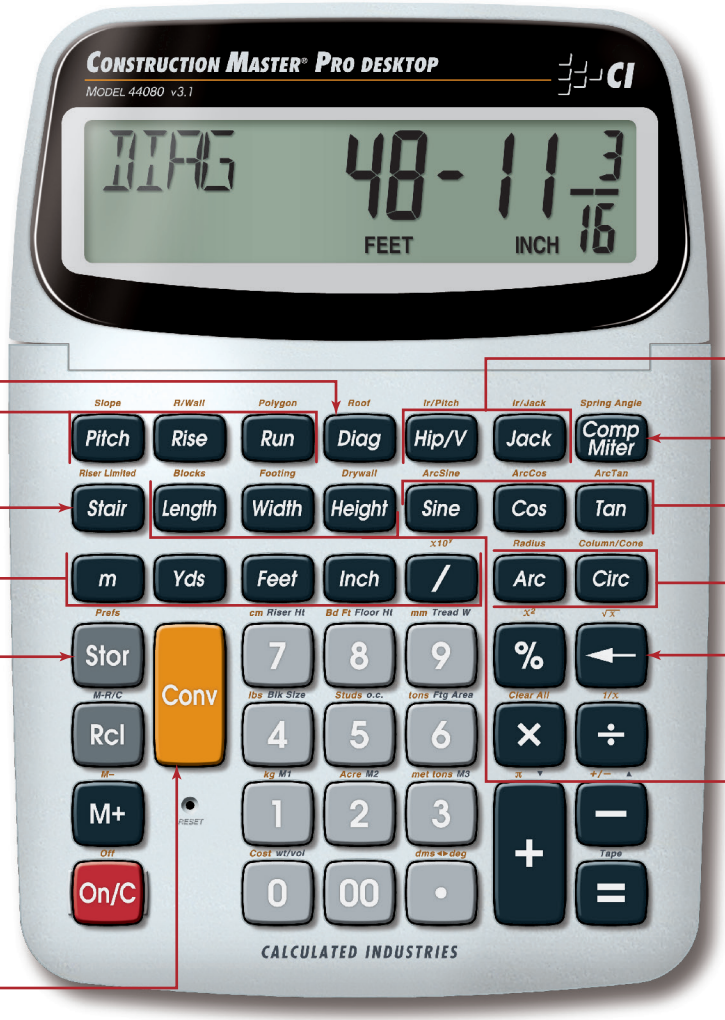
Pitch, Rise, Run — *Rafter, Roof Layouts; Slope, Rake-Wall, Polygon*

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

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

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

Conv — *Perform Conversions; access Secondary Functions*



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

Comp Miter — *Compound Miter for exact cut angles; Spring (Crown) Angle*

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

Arc, Circ — *Advanced Circular Calculations, including Column, Cone*

Backspace Key — *Easily edit entries*

Length, Width, Height — *Find Area, Volume, Square-up, Perimeter, Wall Area, Room Area; access Blocks, Footing, Drywall*

Builders • Contractors • Draftspersons • Engineers • Framers/Carpenters • Estimators

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