



**Model 4080**

Easy-to-use, the Construction Master Pro Trig answers the challenge for fast, accurate solutions in the office or on the jobsite.

## Enhanced Features, Built-in Functions and More Problem Solving Benefits

- **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 CD-ROM with "How-To" Videos and User's Guides



# HURON *Repro*graphics

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**One Source Means Increased Productivity for You!**

## CONSTRUCTION MASTER® PRO TRIG MODEL 4080

*Advanced Feet-Inch-Fraction Construction-Math  
 Calculator with Full Trigonometric Function*

The one the Pros select, the **Construction Master Pro Trig** sets the industry standard as the most powerful and advanced construction-math calculator ever developed. Use built-in solutions and expanded preference selections to easily determine precise angle measurements and solve the most complex design and construction-math problems.



**Work In and Convert Between Building Dimensions**



**Trigonometric Function for Sine, Cosine, Tangent; Inverse Angles and Dimensions**



**Find Weight per Volume in Lbs., Tons, Kg., Metric Tons**



**Run, Rise and Pitch Keys for built-in Right-Angle and Diagonal solutions (Square-ups)**



**Complete Stair Layouts: Riser Height, Risers, Tread Width, Treads and Stairwell Opening**



**Roof, Rafter and Framing Solutions including Hip/Valley, Jacks and Rake-Wall**



**Circular Calculations: Arcs, Area, Circumference, Segments and More**



- Contractors
- Estimators
- Framers



- Architects
- Draftspersons
- Carpenters



- Engineers
- Builders
- Tradespersons

### Product Specifications — Construction Master Pro Trig Model 4080

<b>Size:</b>	5.6" x 3.0" x 0.6" (142.8mm x 76.2mm x 15.9mm)
<b>Weight:</b>	4.5 oz. (127.5 gm) Includes Case and Field Reference Guide
<b>Power:</b>	Two 3-volt (LR-44/A76) Long-life Batteries
<b>Display:</b>	11 Digits (7 normal, 4 fractions) with Full Annunciators
<b>LCD Dimensions:</b>	0.625" x 2.5" (15.88mm x 63.5mm)
<b>Accuracy:</b>	10 Digit Internal Accuracy

#### Included with Every Construction Master Pro Trig:

Protective Hard Slide Cover; Long-life Batteries (Two LR-44); Quick Reference Guides and Pocket Reference Guides in English and Spanish; Complete, easy-to-follow User's Guide in English; CD-ROM with English/Spanish "How-to" Videos and User's Guides.

#### 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](http://www.calculated.com). Calculated Industries reserves the right to make changes in the materials and specifications of products without notice.



# Fast, Accurate Solutions for Building Professionals

## Compare Calculator Features:

	CONSTRUCTION MASTER PRO	CONSTRUCTION MASTER PRO TRIG	CONSTRUCTION MASTER PRO DT PRINTER	CONSTRUCTION MASTER PRO DESKTOP	MEASURE MASTER PRO
<b>Dimensional Math and Conversions</b>	4065	4080	44065	44080	4020
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)	✓	✓	✓	✓	✓
<b>Right Angle Solutions</b>					
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 – Riser Limit, Stairwell Opening, Headroom, Floor Thickness)	•	•		•	
Diagonal Key	✓	✓	✓	✓	
Expanded Rake-Wall	✓	✓	✓	✓	
Arched Rake-Wall	•	•		•	•
Studs: Find number On-center	•	•		•	
<b>Area and Volume Solutions</b>					
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	•			•	•
Block, Footings	✓		✓	✓	
<b>Special Functions</b>					
Trigonometric Function Keys (Sine, Cosine, Tangent, Arcsine, Arccosine, Arctangent)		✓	✓	✓	
Board Feet	✓	✓	✓	✓	✓
Works as a Regular Calculator (+, -, ×, ÷, +/-, %, π, 1/x, x <sup>2</sup> , √x)	✓	✓	✓	✓	✓
User-Definable Preferences	✓	✓	✓	✓	✓
Entry Editing Backspace Key	✓	✓	✓	✓	✓
Cost per Unit (Total costs based on unit price)	✓	✓	✓	✓	✓
Equal sided Polygon	•	•		•	
Compound Miters	•	•		•	
Crown Angle	•	•		•	
<b>Additional Capabilities and Characteristics</b>					
Paperless Tape	✓	✓	✓	✓	✓
Number of Memories	• 4	• 4	3	4	3

• = New or Enhanced Features/Functions

# CONSTRUCTION MASTER® PRO TRIG

MODEL 4080

Advanced Feet-Inch-Fraction Construction-Math Calculator with Full Trigonometric Function

BUILDERS • CONTRACTORS • ENGINEERS • ARCHITECTS • DRAFTSPERSONS

## Dedicated Keys and Functions Make It Easy To Use

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

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

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

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

**Yds, Feet, Inch, /** — Work in Yards, Feet, Inches, Fractions

**Conv** — Perform Conversions; Access Secondary Functions

**Diag** — Instant Diagonal/Square-up

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

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

**Backspace Key** — Easily edit entries

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

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