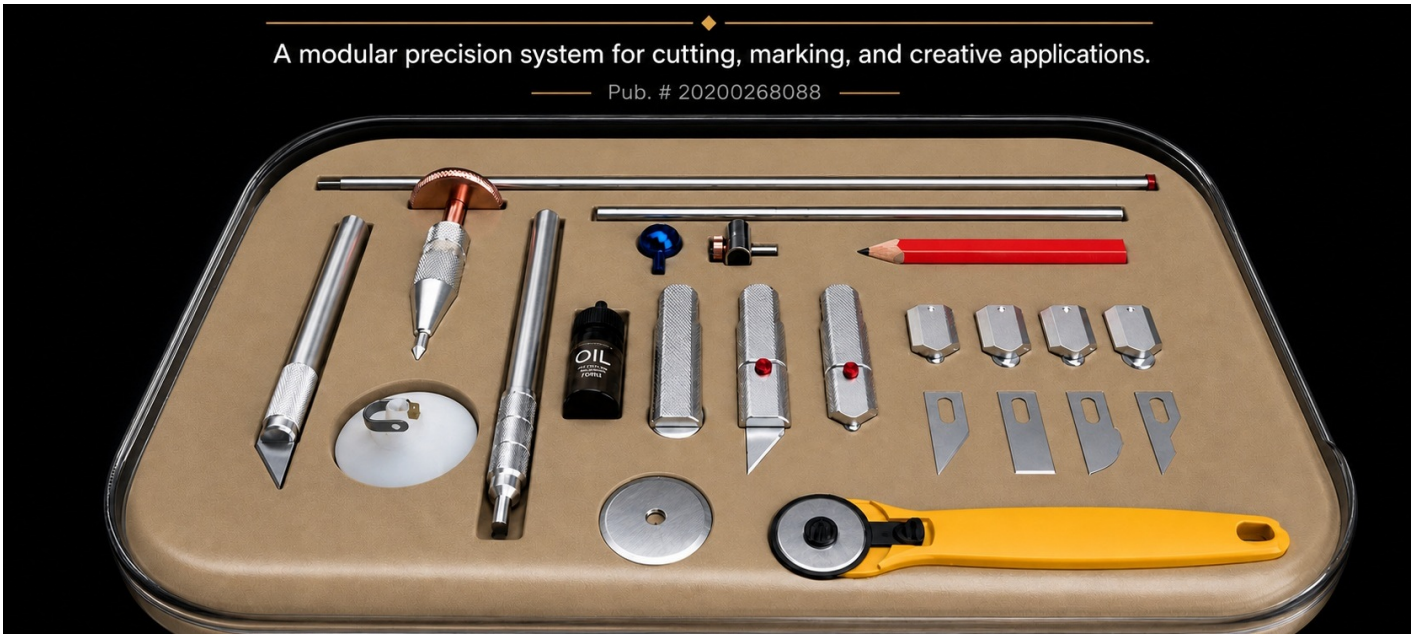
More than an adjustable compass.

diY-COMPAXX 40 is a patented dual-mode modular system that moves from precision circle and arc layout to straight-line cutting, glass scoring, paper cutting, marking and craft work through detachable accessories.



U.S. PATENT 11,953,319 B2 | **DUAL-MODE** | **16-40 INCH RANGE**

THE PROBLEM

Many users need more than a circle compass. After drawing a radius or circle, they still need separate tools for paper cutting, glass scoring, craft blades, marking, fabric, cardboard, drywall layout and other material-specific tasks.

THE SOLUTION

diY-COMPAXX 40 combines an adjustable circle/arc platform with detachable tool heads. Selected accessories can be mounted on the bar for circular work or removed for straight cutting, scoring, marking and craft applications.

WHO USES diY-COMPAXX 40

Woodworkers & Cabinet Shops | Makers & Crafters | DIYers & Home Improvement | Students & Hobby Users | Tradespeople

One system. Two working modes.

The core value is simple: selected accessories can work mounted on the compass bar for circles or detached as hand tools for straight-line tasks.

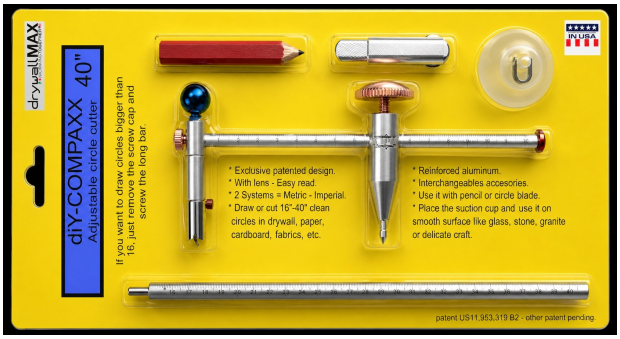
1 ATTACH
Mount the selected accessory on the bar.

2 CREATE CIRCLES
Draw, cut, score or mark circles and arcs.

3 DETACH
Remove selected heads or handles.

4 USE BY HAND
Use for straight cuts, glass scoring, paper cutting or craft...

1. Circle Mode



Mounted on the adjustable bar for circular layouts, arcs, radius work and circle cutting.

2. Standalone Pencil / Layout Mode



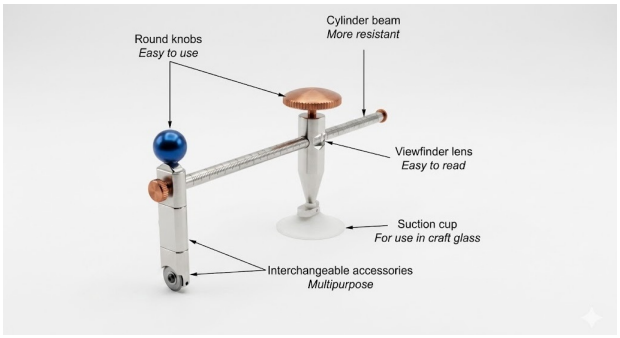
Selected components can be detached or configured for hand-tool style marking and layout tasks.

3. Rotary / Craft Cutting Mode



Supports craft cutting logic for paper, fabric, cardboard, templates and creative materials.

4. Accessory Platform Logic



Shows the cylinder beam, round knobs, viewfinder lens, suction cup and interchangeable accessories.

Strategic product clarification

The overlap with a traditional trammel is circle-layout. The difference is architecture: diY-COMPAXX 40 is a dual-mode accessory ecosystem that can serve precision users while expanding into maker, craft, DIY and education categories.

Available for licensing or collaboration.

A patented modular craft, layout and cutting system built around a dual-mode accessory platform - not just one circle tool.



A NEW ACCESSORY CATEGORY

diY-COMPAXX 40 creates a new category: part precision compass, part detachable multi-tool kit. The opportunity is not just one tool - it is a platform for accessories, refills, replacement heads and material-specific kits.

WHY IT MATTERS

The system can support starter kits, premium editions, craft sets, student / hobby versions, replacement blades, accessory refills and future add-ons across multiple user categories.

IP POSITION

U.S. Patent: 11,953,319 B2. Publication reference: 20200268088. Non-confidential materials are available for product development or licensing review.

COMMERCIAL PATHWAYS

Licensing / royalty, co-development, private label / OEM, distribution partnership, accessory-line expansion or acquisition discussion.

Recommended next step

A 20-minute product review to evaluate product architecture, accessory strategy, category fit and potential commercialization path.

Product demo: youtu.be/M1cBkWDyFRY

Website: drywallmaxllc.com
Product page: drywallmaxllc.com/diy-compaxx
LinkedIn: linkedin.com/in/macariosanchezr