

THE QUANTUM ROW UNIT

Performance driven placement you can trust.

The Quantum row unit combines accurate depth control, strong seed-to-soil contact and Morris single- and double-shoot opener configurations to support different placement strategies. True 1:1 contour following maintains consistent placement across changing terrain, helping create rapid, uniform emergence and stronger crop establishment.

KEY HIGHLIGHTS

- Independent row units
- True 1:1 contour ratio
- Ground following with 16” of vertical travel
- Quick, easy depth adjustment in ¼” increments
- Single- and double-shoot opener options
- High catch point for clean residue flow
- Up to 800 lb trip-out force
- 100–230 lb packing force
- Multiple packer-wheel options

ACCURATE DEPTH CONTROL

Independent contour following maintains consistent opener angle and placement depth across changing terrain, helping every crop get off to an even start.

FERTILIZER-SEED SEPARATION

Single- and double-shoot opener configurations support different placement strategies. Double-shoot options maintain distinct seed and fertilizer bands for a consistent seed zone.

SEED-TO-SOIL CONTACT

Morris openers minimize soil disturbance and create consistent contact around the seed, helping moisture move effectively to support rapid, uniform germination.

HEAVIEST-BUILT ROW UNIT

Heavy cast construction maintains strength, alignment and consistent row-unit movement through demanding field conditions, season after season.



MORRIS | SEEDING



THE ALL-NEW QUANTUM **DUAL SHANK ROW UNIT**

The Quantum Dual Shank combines true 1:1 contour following with dedicated seed and fertilizer shanks for greater control over product placement. Adjustable lateral and vertical separation allows growers to configure placement around their crops, soils and fertility programs.

Controlled separation for strong establishment.

KEY HIGHLIGHTS

CONTOUR FOLLOWING
- True 1:1 contour ratio
- 16" of vertical travel
- Maintains opener angle and placement depth

ADJUSTABLE SEPARATION
- Dedicated seed and fertilizer shanks
- 1.75" lateral separation
- 0.75" or 1.25" vertical separation

RESIDUE FLOW
- 12° reclined shanks for better trash shedding
- Independent rear seed-knife trip-out*
- High catch point for clean residue flow
- Integrated trash deflector

ROW UNIT STRENGTH
- Heaviest-built row unit in the market
- 1" chrome pins and extended-wear bushings
- Cast packer arm and patented frame mounting

** Patent pending*

GREATER PLACEMENT FLEXIBILITY
Adjustable lateral and vertical separation allows growers to match seed and fertilizer placement to different crops, soils and fertility programs.

DEDICATED PRODUCT PLACEMENT
Dedicated seed and fertilizer shanks, paired with adjustable seed-tube height, provide greater control over where each product is placed.

RESIDUE FLOW
Reclined dual shanks and a high catch point create room for residue to move cleanly through the row unit. An integrated trash deflector and independent rear seed-knife trip-out help maintain consistent performance through changing field conditions.

HEAVIEST-BUILT ROW UNIT
The cast Quantum row unit uses 1" chrome pins, extended-wear bushings, a cast packer arm and patented frame mounting maintain strength, alignment and consistent field performance.

