

**TO ORDER CALL: +61 8 8260 2277 OR
CONTACT YOUR LOCAL MANUTEC DEALER**

WHEEL OPTIONS

| | | |
|-----|--|---|
| 13" | | 48mm Flat—Solid Rubber—16mm Encased Wide Roller Bearing—Steel Centre |
| 12" | | 25mm Round—Solid Rubber—16mm Encased Wide Roller Bearing—Nylon Centre |
| 13" | | 25mm Flat Tip Wedge—Semi-pneumatic— 25mm Sealed Bearing Hub—Alloy Centre |
| 13" | | 50mm Flat Tip Wedge—Semi-pneumatic— 25mm Sealed Bearing Hub—Alloy Centre |
| 13" | | 75mm Flat Tip Wedge—Semi-pneumatic— 25mm Sealed Bearing Hub—Alloy Centre |
| 13" | | 100mm Dome—Semi-pneumatic—25mm Sealed- Bearing Hub—Alloy Centre—Suits Barton |

SPARE PARTS,



Also available, spare parts to suit a range of other disc openers including Barton, Sow Easy, Austil, John Deere and Daybreak.



- Press Wheels Assemblies
- Tyne Mounts
- Walking Wheels
- Extension Arms
- Gangs
- In-Frame
- Seed Tubes
- Packer
- Wheels
- Coulters
- Ag Bearings
- Ag Seals
- Tyres
- Springs
- U-Bolts
- Harrowes
- Swivel Arms
- Bar Mounts
- Spare Parts
- Wheels
- Wheel Centres
- Axles
- Overcaps
- Seal Guards
- Hubs
- Stubs
- Quick Release
- Rocker Arms
- Adjustable Arms
- Fixed Arms
- Integral Hubs
- Discs
- Gauge Wheels
- Planter Wheels
- Custom Wheels
- Adjustable Stands
- Adjustable Legs
- Parallelograms
- Brackets



**AGRICULTURAL EQUIPMENT
DOUBLE DISC ASSEMBLIES**



For more detailed information and pricing, visit our website.
www.manutec.com.au

The MANUTEC double disc openers are located on a parallelogram system that provides constant down pressure, and they are independent of the weight of your seed drill. What this means is that no matter what the quantity of seed and fertilizer within the drill, the sowing depth remains constant, and in most applications, there is no need for a ground opening device to run before the double disc opener.

The parallelograms operate independent of each other, so if one row hits an obstruction, only that particular unit will lift out of the ground, while all other units remain in the ground and the machine will stay steady. MANUTEC Disc Openers will cut through wheat stubble as high as 8 tonne/Ha. They can also cope with small branches and twigs. Another advantage of the double disc opener over tyne seeders is that seeding can be conducted at speeds of between 10 – 16 kilometre's per hour, and also requiring less horsepower to operate

DOUBLE DISC ASSEMBLIES



Double Disc Opener

DDO-4 - 15" - Discs - 13" Powder Coated Wheel—4" Mounting

DDO-3—As above 3" Mounting

Other Wheel Options

- 13" 25mm Flat Wedge (DDO-4-25)
- 13" 50mm Flat Wedge (DDO-4-50)
- 13" 75mm Flat Wedge (DDO-4-75)
- 13" 100mm Dome (Barton Shape) (DDO-4-B)

Manutec also carries replacement parts for a range of other disc openers, please call for more information.

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The spacing of each unit can be as small as six inches (150mm). An adjustable spring setting allows down force of 100, 200 or 300 lb to be set, depending on ground conditions.

Press wheels are used by the MANUTEC double disc opener. The press wheel trails behind the disc opener controlling sowing depth and covers the seed and fertilizer with soil, eliminating the need for harrows. A flexible seed firmer gently positions the seed at the bottom of the opening while preventing seed bounce.

Other features of the double disc opener include a mud scraper to prevent build up of dirt between the discs and to prevent blockage of the seed tubes, and a press wheel scraper situated behind the press wheel and an easy to use press wheel height adjuster.

The Manutec range of Double Disc Openers has been designed to be fitted to either the existing bar or a new tool bar using 3" or 4" U-Bolts. The Manutec Double Disc system is a simple and lightweight opener that allows any old bar to be easily converted to an efficient disc system at a relatively low cost outlay.

Manutec has a range of mounting accessories available, please call for more information.

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