

## PASTURE, CONVENTIONAL AND CONSERVATION PLANTER

- The unique and innovative planting unit design enables planting accurately in different tillage conditions – allowing you to optimise your farming strategies from conventional to conservation farming - thus optimising yield and conservation objectives simultaneously.
- The novel hydraulically adjustable cutting disc/planting disc pressure design on the parallelogram allows on-the-go settings to suit the crop residue and soil conditions, optimising plant depth and seed compaction throughout.
- A large toolbar to ground clearance, combined with the above unique planting unit characteristics, enables planting into existing standing crops and stubble thus supporting multi-cropping and conservation farming practices.
- A three-bin system enables the use of fertiliser, seed and fine seed simultaneously, thus offering a multi cropping planting system all in one.

\*Image may look different from previous or current models.



# PLANTING ACCURATELY IN DIFFERENT TILLAGE CONDITIONS

### APPLICATION OF:

- > FINE SEED CROPS
- > LARGER SEEDS
- > FERTILISER (GRANULE SIZE) WITH SEED



## GENERAL FEATURES

### PLANTING UNIT

- Cutting coulters
- Separate single units with double disc openers or single disc openers

### SEED BIN

- Three compartment seed bin with individual calibration
- Compartment for fine seed

### DRIVING OF SEED BIN

- Simple chain drive
- No clutch mechanism required

### FRAME

- Simple and robust construction for extreme working conditions

### TOWING ACTION:

- Drawbar

## ADVANTAGES

- ✓ Known for excellent germination
- ✓ The 3-compartment bin can sow two types of seed (or seed and fertiliser) simultaneously.
- ✓ Simple mechanism eliminates errors during planting process
- ✓ Few parts to wear down
- ✓ Uses standard bearings, chains and sprockets



**PROOF AGAINST  
BLOCKAGES**



**CUTS THROUGH  
THICK STUBBLE**



**NO TILL: PLANT IN  
ESTABLISHED PASTURES  
OR CONVENTIONAL**

| TECHNICAL DATA:          | DOUBLE ROW DOUBLE DISC UNIT |
|--------------------------|-----------------------------|
| COULTER SIZE             | 410 mm (18") / 385 mm (15") |
| COULTER TYPE             | Double disc                 |
| ROW SPACING              | 178 mm (7") / 254 mm (10")  |
| BEAM CLAMP               | Min. 150 mm                 |
| MASS                     | 180 kg                      |
| TOOLBAR CENTRE TO GROUND | 610 mm                      |
| UNIT TRAVEL              | 400 mm                      |

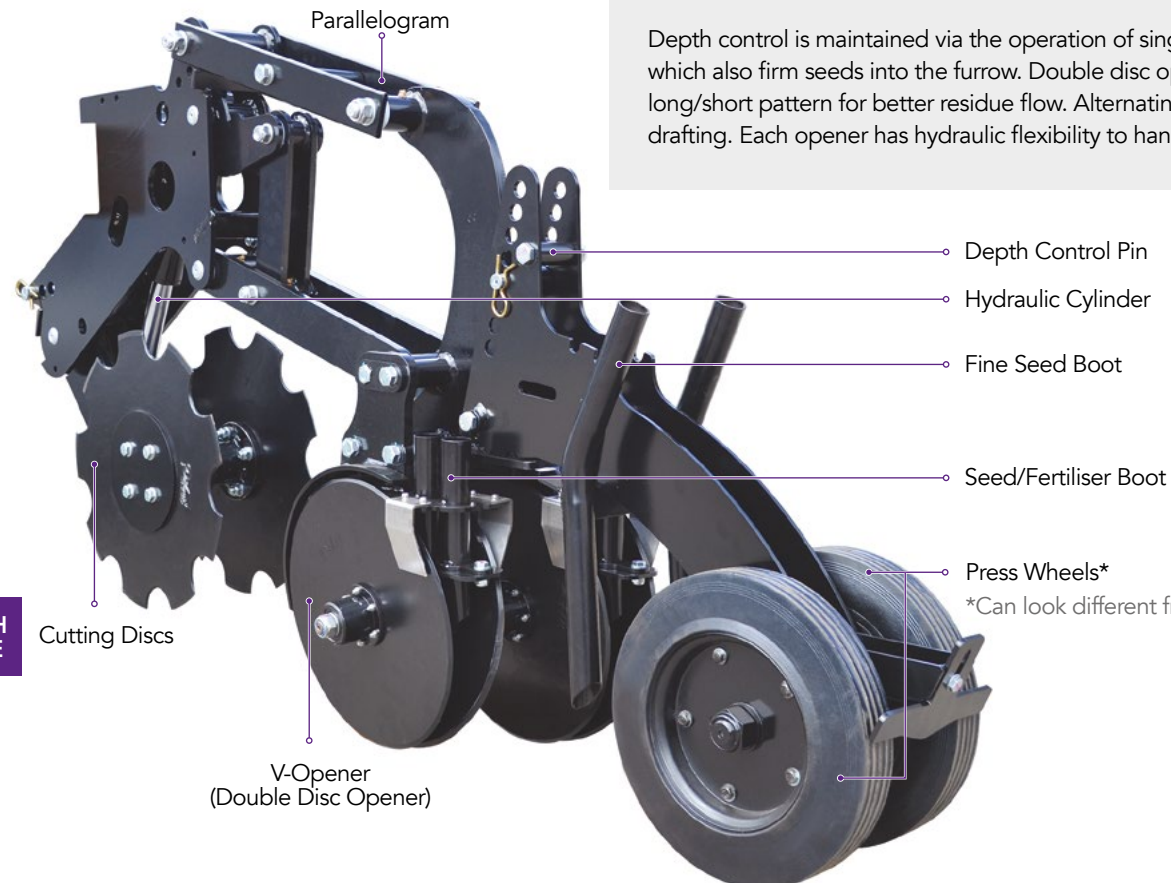
## PLANTING UNIT OPERATION

Each unit has its own individual depth control.

The Piket Hydraulic No Till Drill has a cutting coulters ahead of each disc opener to cut the residue to prevent the raking of trash and blockage of the planting unit and also to allow some tillage and to start opening the seed furrow.

The disc openers follow the cutting coulters which gives excellent depth control and seed-to-soil contact in fields. Disc blades offer better penetration and improved residue slicing. A narrow angle between blades delivers a consistent seed trench.

Depth control is maintained via the operation of single rubber press wheels which also firm seeds into the furrow. Double disc openers are staggered in a long/short pattern for better residue flow. Alternating offset blades prevent side drafting. Each opener has hydraulic flexibility to handle rocks and clumps.



\*Can look different from option in this image.



\*May look different from previous models.

Low compaction wheels

| MODELS:                   | 24-ROW (7")   | 20-ROW (7")      | 16-ROW (7")      | 14-ROW (7")      | 20-ROW (10")     | 16-ROW (10")     | 12-ROW (10")     | 10-ROW (10")     |
|---------------------------|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| ROW SPACING               | 7" (178 mm)   | 7" (178 mm)      | 7" (178 mm)      | 7" (178 mm)      | 10" (254 mm)     | 10" (254 mm)     | 10" (254 mm)     | 10" (254 mm)     |
| CODE                      | ND247HD   | ND207HD          | ND167HD          | ND147HD          | ND2010HD         | ND1610HD         | ND1210HD         | ND1010HD         |
| IMPLEMENT MASS (UNLOADED) | 5 Ton   | 4.2 Ton          | 3.5 Ton          | 3.2 Ton          | 4.3 Ton          | 3.5 Ton          | 2.6 Ton          | 2.2 Ton          |
| PLANTING WIDTH            | 4.28 m  | 3.6 m            | 2.8 m            | 2.5 m            | 5 m              | 4 m              | 3 m              | 2.5 m            |
| TOWING ACTION             | Drawbar   | Drawbar          | Drawbar          | Drawbar          | Drawbar          | Drawbar          | Drawbar          | Drawbar          |
| TRACTOR REQUIRED          | 88 kW/120 Hp  | 80 kW/110 Hp     | 73 kW/100 Hp     | 70 kW/95 Hp      | 80 kW/110 Hp     | 73 kW/100 Hp     | 70 kW/95 Hp      | 66 kW/90 Hp/     |
| PLANTER WHEELS            | 22.5-404-55 (x2)  | 22.5-404-55 (x2) | 22.5-404-55 (x2) | 22.5-404-55 (x2) | 22.5-404-55 (x2) | 22.5-404-55 (x2) | 22.5-404-55 (x2) | 22.5-404-55 (x2) |
| SEED TYPES                | Wheat, oats, soya, lupine & similar seed                      |                  |                  |                  |                  |                  |                  |                  |
| SEED VOLUME (LITRE)       | 970   | 808              | 646              | 565              | 1125             | 900              | 675              | 562              |
| FINE SEED TYPES           | Medics, rye-grass, lucern, etc.                               |                  |                  |                  |                  |                  |                  |                  |
| FINE SEED VOLUME (LITRE)  | 133   | 111              | 89               | 78               | 201              | 140              | 120              | 100              |
| FERTILISER TYPE           | Granular  |                  |                  |                  |                  |                  |                  |                  |
| FERTILISER VOLUME (LITRE) | 1450  | 1208             | 966              | 845              | 1687             | 1350             | 1011             | 843              |
| CUTTING COULTER           | 18" Notched disc or other options available - refer to page 4 |                  |                  |                  |                  |                  |                  |                  |
| SOIL OPENER               | 385 mm Double Disc V-opener                                   |                  |                  |                  |                  |                  |                  |                  |
| DEPTH CONTROL             | Hydraulic loaded parallelogram units                          |                  |                  |                  |                  |                  |                  |                  |
| SEED COMPRESSION          | Rubber press wheel options - refer to page 5                  |                  |                  |                  |                  |                  |                  |                  |
| SEED METERING             | Piket™ meters   |                  |                  |                  |                  |                  |                  |                  |
| DRIVE SYSTEM              | Chain transmission with 10" wheel                             |                  |                  |                  |                  |                  |                  |                  |





EVERY UNIT HAS  
INDEPENDENT  
DEPTH CONTROL



LOW COMPACTION  
WHEELS



QUICK & EASY  
CALIBRATION



ACCURATE  
SEED PLACEMENT



WITHSTANDS  
ROCKY SOILS



EXCELLENT  
GERMINATION



PROOF AGAINST  
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THREE-COMPARTMENT  
SEED BIN



ROBUST &  
STRONG



USER  
FRIENDLY



LOW  
MAINTENANCE



CUTS THROUGH  
THICK STUBBLE

## FEATURES OF FLEXIBILITY

- Cutting coulter with adjustable hydraulic pressure ensures the capacity to plant through most crop residue without undue blockages.
- A choice of double disc 254 mm or 178 mm row spacing allows for optimized planting width selection.
- The staggered mounting of the double disc openers allows for improved crop residue flow and reduces side drafting of the implement.
- Adjustable hydraulic pressure allows for operation in various soil and cultivation environments as well as planting into existing crops/pastures.
- Independent depth control on each double row unit ensures reliable operation in uneven terrain.
- Depth control is maintained by single rubber wheels, which are also responsible for soil firming in the seed furrow for optimal soil/seed contact resulting in optimised and even seed germination.
- Low compaction implement wheels improves planter floatation even soft and sandy conditions.
- Three bin seed/fine seed/fertiliser system fitted with mechanically driven Piket™ metering system for easy and accurate calibration.



GERMINATION RESULTS