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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

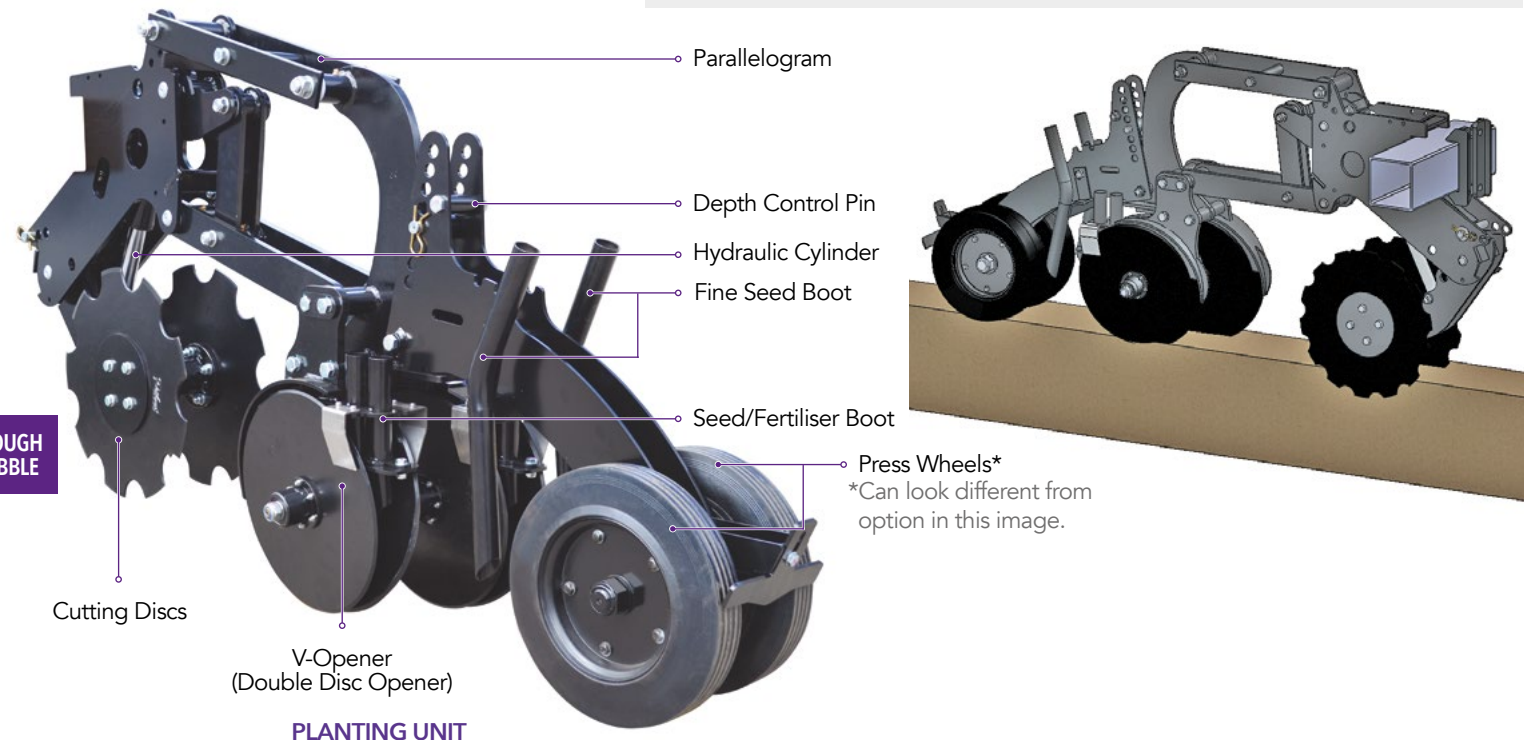
PLANTING UNIT OPERATION

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.



PLANTING UNIT



*May look different from previous models.

Low compaction wheels

MODELS:	24-ROW (7")	20-ROW (7")	16-ROW (7")	14-ROW (7")	24-ROW (10")	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)	10" (254 mm)
CODE	ND247HD	ND207HD	ND167HD	ND147HD	ND2410HD	ND2010HD	ND1610HD	ND1210HD	ND1010HD
IMPLEMENT MASS (UNLOADED)	5 Ton	4.2 Ton	3.5 Ton	3.2 Ton	6.25 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	6.1 m	5 m	4 m	3 m	2.5 m
TOWING ACTION	Drawbar	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	88kW/120 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 (x4)	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	1350	1125	900	675	562
FINE SEED TYPES	Medics, rye-grass, lucern, etc.								
FINE SEED VOLUME (LITRE)	133	111	89	78	241	201	140	120	100
FERTILISER TYPE	Granular								
FERTILISER VOLUME (LITRE)	1450	1208	966	845	2024	1687	1350	1011	843
CUTTING COULTER	Three cutting coulters 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								



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