

HYDRAULIC NO TILL DRILL



APPLICATION OF:

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

HYDRAULIC NO TILL DRILL



EVERY ROW HAS INDEPENDENT DEPTH CONTROL



LOW COMPACTION WHEELS



QUICK & EASY CALIBRATION



ACCURATE SEED PLACEMENT



WITHSTANDS ROCKY SOILS



EXCELLENT GERMINATION



PROOF AGAINST BLOCKAGES



NO TILL- PLANT IN ESTABLISHED PASTURES – OR CONVENTIONAL



THREE-COMPARTMENT SEED BIN



SPARE PARTS GENERALLY AVAILABLE



ROBUST & STRONG



LOW MAINTENANCE



USER FRIENDLY



CUTS THROUGH THICK STUBBLE

MODELS:	24-ROW (7")	20-ROW (7")	16-ROW (7")	20-ROW (10")	10-ROW (10")
ROW SPACING	7" (178 mm)			10" (254 mm)	
CODE	ND247HD	ND207HD	ND167HD	ND1010HD	ND2010HD
IMPLEMENT MASS (UNLOADED)	5 Ton	4.2 Ton	3.5 Ton	4.3 Ton	2.2 Ton
DIMENSIONS (WxLxH)	4.8 x 4.9 x 2.1 m	3.9 x 4.9 x 2.1 m	3.2 x 4.9 x 2.1 m	6 x 4.9 x 2.1 m	3.4 x 3.4 x 2.4 m
SHIPMENT DIMENSIONS (WxLxH)	2.5 x 5.75 x 2.1 m	3.9 x 2.4 x 2.1 m	3.2 x 2.4 x 2.1 m	6 x 2.4 x 3.1 m	3.4 x 2.4 x 3.1 m
PLANTING WIDTH	4.28 m	3.6 m	2.8 m	5 m	2.5 m
TOWING ACTION	Drawbar				
TRACTOR REQUIRED	120Hp	110Hp	100Hp	110Hp	90Hp
PLANTER WHEELS	22.5-404-55 (x2)				
SEED TYPES	Wheat, oats, soya, lupine & similar seed				
SEED VOLUME (LITRE)	970	808	646	1125	562
FINE SEED TYPES	Medics, rye-grass, lucern, etc.				
FINE SEED VOLUME (LITRE)	133	111	89	201	100
FERTILISER TYPE	Granular				
FERTILISER VOLUME (LITRE)	1450	1208	966	1687	843
CUTTING COULTER	18" Notched disc				
SOIL OPENER	410 mm double-disc V-opener or Single concave disc				
DEPTH CONTROL	Hydraulic loaded parallelogram units				
SEED COMPRESSION	Rubber press wheel			10" pneumatic wheel	
SEED METERING	Piket™ meters				
DRIVE SYSTEM	Chain transmission with 10" wheel			Chain transmission with 13" wheel	



Every row has independent depth control



Low compaction wheels

HYDRAULIC NO TILL DRILL

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 & robust construction for extreme working conditions

TOWING ACTION:

- Drawbar

ADVANTAGES:

- Known for excellent germination
- The 3-compartment bin can sow 2 types of seed (seed & fertiliser) simultaneously.
- Simple mechanism eliminates errors during planting process
- Few parts to wear down
- Use standard bearings, chains & sprockets



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PLANTING UNIT OPERATION:

The Piket No Till Drill is fitted with single cutting coulters & double-disc opener units or single disc opener units. Each parallel bar has its own individual depth control.

The Piket Hydraulic No Till Drill has a cutting coulter ahead of each disc opener to cut the residue to prevent the rake of trash & blockage & to do a bit of tillage & start to open the seed furrow.

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

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

TECHNICAL DATA:	DOUBLE ROW CONCAVE DISC/DOUBLE DISC UNIT
COULTER SIZE	410 mm / 385 mm
COULTER TYPE	Concave disc / Double disc
ROW SPACING	178 mm / 254 mm
BEAM CLAMP	Min. 150 mm
FRONT CUTTING DISC	450 mm
MASS	180 kg
TOOLBAR CENTRE TO GROUND	610 mm

