

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
- USER FRIENDLY
- LOW MAINTENANCE
- CUTS THROUGH THICK STUBBLE



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)				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							
TRACTOR REQUIRED	120Hp	110Hp	100Hp	95Hp	110Hp	100Hp	95Hp	90Hp
PLANTER WHEELS	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							
SOIL OPENER	385 mm Double Disc V-opener or Single Concave Disc							
DEPTH CONTROL	Hydraulic loaded parallelogram units							
SEED COMPRESSION	Rubber press wheel							
SEED METERING	Piket™ meters							
DRIVE SYSTEM	Chain transmission with 10" wheel				Chain transmission with 13" wheel			



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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

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

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 coulters 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 coulters; 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.

