

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

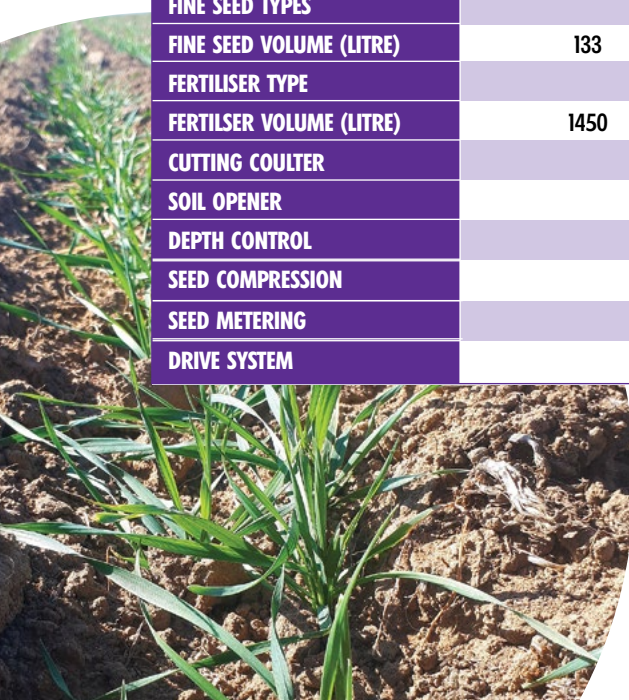
MODELS:	24-ROW (7")	20-ROW (7")	16-ROW (7")	20-ROW (10")	10-ROW (10")
ROW SPACING	7" (178 mm)			10" (254 mm)	
CODE	ND247HD	ND207HD	ND167HD	ND1010HD	ND2010HD
IMPLEMENT MASS (UNLOADED)	5 Ton	4.2 Ton	3.5 Ton	4.3 Ton	2.2 Ton
DIMENSIONS (WxLxH)	4.8 x 4.9 x 2.1 m	3.9 x 4.9 x 2.1 m	3.2 x 4.9 x 2.1 m	6 x 4.9 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



PROOF AGAINST BLOCKAGES



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PLANTING UNIT OPERATION:

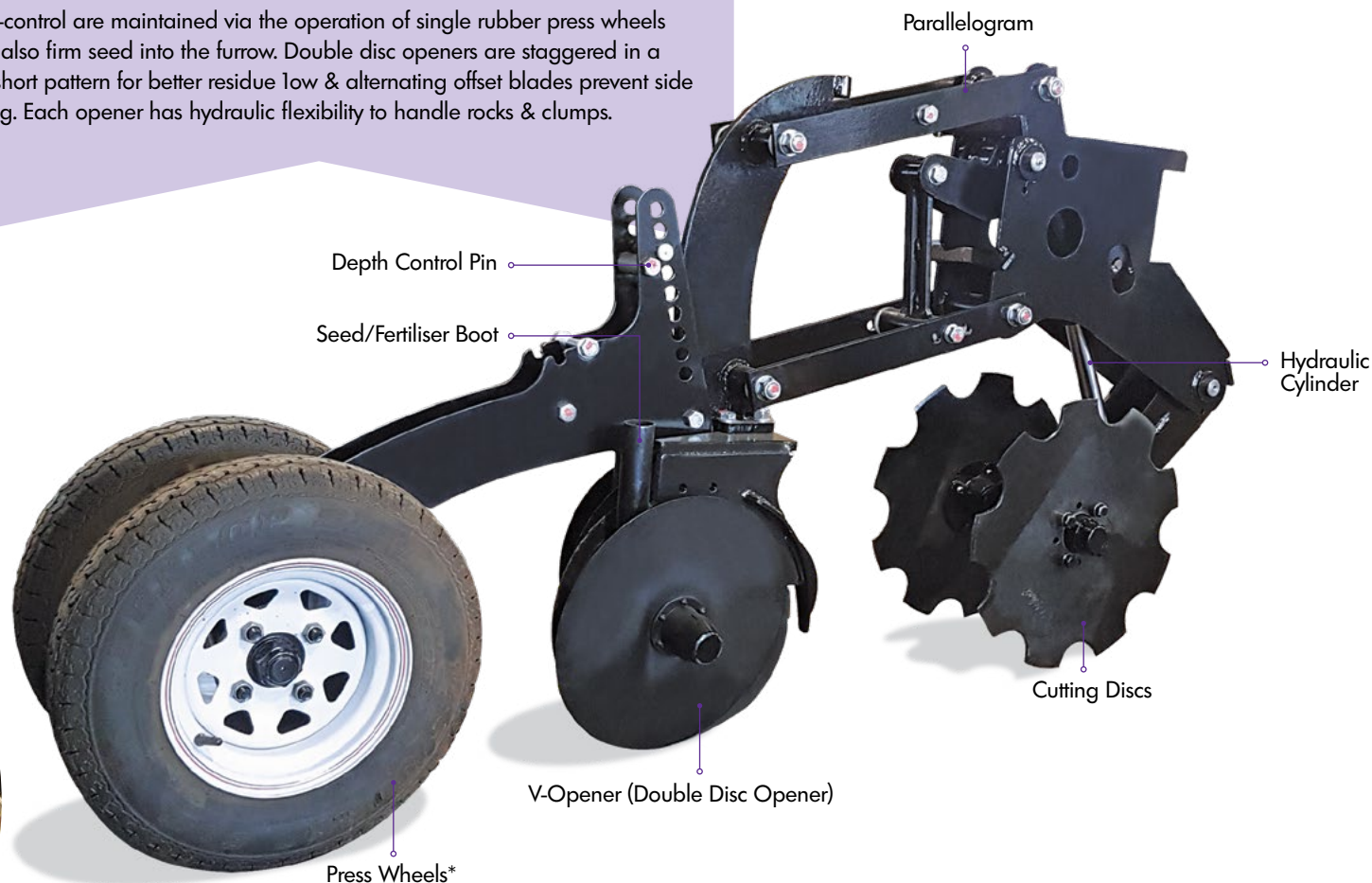
The Piket No Till Drill is fitted with single cutting coulter units & double disc opener units or single disc opener units. Each parallel bar has its own individual depth control.

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



*Can look different from option in this image.