

**NB STEP NEW GENERATION
SPECIFICATIONS**

Planter to establish fast-growing
energy plants such as willow and poplar



Manufacturer:
Nordic Biomass a/s
SKIOLD A/S
2011

TECHNICAL SPECIFICATIONS

Type	2-row			4-row		
NB STEP 2010 weight [Kg.]	1100 Kg			1800 Kg		
General dimensions for	Length (M)	Height (M)	Adjustable width (M)	Length (M)	Height (M)	Adjustable width (M)
Operation	2.75	1.90	2.6 – 3.0	2.75	1.90	3.5 – 5.5
Transport	2.35	1.90	2.6	2.35	1.90	3.5
Distance between plants	Min		Max	Min		Max
in row (M)	0,1		1,0	0,1		1,0
between rows (M)	0,75 (closest)		3,0 (widest)	0,75 (closest)		5,5 (widest)
On-run produced cuttings	Min		Max	Min		Max
Length (cm)	12		24	12		24
On-run produced cuttings diameter (mm)	8-12		25	8-12		25
Dimensions of rods used	Min		Max	Min		Max
Length (m)	1,0		3,0	1,0		3,0
Diameter (mm)	8		25	8		25
Max. speed [km/h]	5 Km./h			5 Km./h		
Planting capacity 6.000 cuttings/ha	Approx. 35 minutes			-		
Planting capacity 12.000 cuttings/ha	Approx. 85 minutes			Approx. 42,5 minutes		
Planting capacity 20.000 cuttings/ha	Approx. 98 minutes			Approx. 49 minutes		
Number of operators	1-2			2-4		
Max. vertical load [N]	11000 N			18000 N		
Max. Pull on coupling [N]	36000 N			36000 N		
Max. Hydraulic pressure [bar]	200 Bar			200 Bar		
Hydraulic volume [L]	2 L/unit			2 L/unit		
Minimum tractor size	Min 50 l/min oil flow Min. 90 HP			Min. 75 l/min oil flow Min. 130 HP		
Category Control Class	IV - A			IV - A		

Each planter is delivered with a thorough Operators manual and spare parts catalogue.