



Tractor Operated Drum Type Pneumatic Planter

Utility

This equipment is suitable for planting wheat, rice, etc. It can be used for multi-crops by changing the orifice size of metering mechanism.



Specifications & Performance results		
	09 Row	05 Row
Power source, kW Tractor	: ≥ 33.55	≥ 18.64
Weight, kg	: 520 kg	325 kg
Working width, mm	: 1320	1320
Cost of equipment, Rs.	: 1,75,000	1,00,000
Operational speed, km/h	: 2-3	2-3
Working depth, mm	: 40-50	40-50
Field capacity, ha/h	: 0.3-0.7	0.3-0.5
Field efficiency, %	: 84-86	84-86

Benefits over conventional/traditional practices

- It can be used for planting various type of crops (seeds) like cotton, groundnut, pigeon pea, soybean, green gram, black gram, maize, etc.
- Multi seeds (hill dropping) can be planted at specific distance.
- Affordable and comparatively cheaper to other pneumatic planters available in the market.

Design: ICAR-CIAE, Bhopal

Commercialization Status: Commercialized

Contact:

- M/s Dharti agro engineering, Rajkot, Gujarat, Shri Chiman S Detroja
Phone:7575035616 dhartiagro@rediffmail.com
- Director, ICAR-CIAE, Nabi Bagh, Berasia Road, Bhopal 462038, Tel:
0755-2521134; Email: directorciae@gmail.com